DOE/TIC-7000-R4

ENERGY INFORMATION DATA BASE

Subject Thesaurus

October 1979

UNITED STATES DEPARTMENT OF ENERGY
Technical Information Center

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INTRODUCTION

The technical staff of the DOE Technical Information Center, during its subject indexing activities, develops and structures a vocabulary that allows consistent machine storage and retrieval of information necessary to the accomplishment of the DOE mission. This thesaurus incorporates that structured vocabulary.

The terminology of this thesaurus is used for the subject control of information announced in DOE *Energy Research Abstracts, Energy Abstracts for Policy Analysis, Solar Energy Update, Geothermal Energy Update, Fossil Energy Update, Fusion Energy Update*, and *Energy Conservation Update*. This terminology also facilitates subject searching of the DOE technical information data base, a research in progress data base, which describes energy-related research, and a general and practical energy information data base on the DOE on-line retrieval system, RECON.

The rapid expansion of DOE's activities will result in a concomitant thesaurus expansion as information relating to new activities is indexed. Only the terms used in indexing documents at the Technical Information Center to date are included. The thesaurus will be published annually with cumulated updates being issued quarterly.

Terms in the thesaurus are listed alphabetically on a "word by word" basis. Each alphabetic entry is accompanied by a "word block" containing all the terms associated with the entry. In the word block, terms which have a hierarchical relationship to the entry are identified by the symbols BT and NT for Broader Term and Narrower Term. Terms with an affinitive relationship are identified by RT (Related Term); terms with a preferential relationship are identified by USE or SEE, and the reciprocals (UF and SF) are used to designate Used For and Seen For. Notes explaining restrictions imposed at TIC on the use of a particular descriptor are given for some of the terms. Descriptors added since December 1974 have the entry date and in some instances also contain a definition as part of the word block. A number [01] in square brackets listed to the right of some descriptors indicates terms that appear in a thesaurus (IAEA-INIS-13) published by the International Nuclear Information System (INIS). This indicator facilitates the input of nuclear related information published in the United States to the International Nuclear Information System (INIS).

Some descriptors in the thesaurus represent a class consisting of a large number of specific descriptors, e.g., even-even nuclei. Long lists of narrower terms in the word blocks of this type term are not always of equal usefulness to indexers and retrievers. Hence the display of these word blocks has been truncated in the main body of the thesaurus, and whenever this has been done it is indicated by an asterisk (*) at the level below which no narrower terms are listed. If the asterisk appears next to the alphabetic entry, i.e., when none of the narrower terms below the alphabetic entry are listed, the complete word block for the descriptor in question is given with full listings of narrower terms in the Appendix to the thesaurus. Furthermore, the alphabetic entry is followed by the scope note: "For specific terms, consult the Appendix." If the asterisk appears next to the reference indicator "NT" of a term *within* a word block, narrower terms more specific than that identified by the asterisk are not listed in that particular word block. They are listed, however, in the word block of the descriptor which is accompanied by the asterisk.

Comments, questions, or suggestions relating to the structure or terminology used in this thesaurus are welcome and should be addressed to:

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APPENDIX A-1

DOE THESAURUS

A-BOMB SURVIVORS [01]
RT Delayed Radiation Effects
RT Epidemiology
RT Hiroshima
RT Man
RT Nagasaki

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DA February 1975
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

A CODES [01]
BT1 Computer Codes

A-15 Compounds
DA May 1979
USE Beta-W Lattices

A-1 Reactor (Bohunice)
USE Bohunice A-1 Reactor

A-2 Reactor (Bohunice)
USE Bohunice A-2 Reactor

A-1 Reactor (Calder Hall)
USE Calder Hall A-1 Reactor

A-2 Reactor (Calder Hall)
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A RESONANCES [01]
(For A3 resonances use PI-1640 RESONANCES.)
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 A1-1070 Resonances
NT1 A2-1310 Resonances
NT1 A4-1960 Resonances
NT1 A2H-1320 Resonances
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A1-1070 RESONANCES [01]
BT1 A Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

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BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
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BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
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BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

A 285 Steel
DA December 1978
USE Steel-ASTM-A285

AABO CYCLOTRON [01]
UF *Turku Cyclotron*
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

AAEC [01]
DA April 1978
UF *Australian Atomic Energy Commission*
BT1 Australian Organizations
BT2 National Organizations

AAPS
DA May 1979
UF *Advanced Automotive Propulsion Systems*
RT Automobile Industry
RT Electric-Powered Vehicles
RT Gas Turbine Engines
RT Internal Combustion Engines
RT Stirling Engines

AARR REACTOR [01]
UF *Argonne Tank Research and Test Reactor-AARR*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ABANDONED SHAFTS
DA December 1977
UF *Disused Mineshafts*
BT1 Shaft Excavations
RT Coal Mines
RT Mines

ABANDONED SITES
DA October 1978
RT Land Reclamation

ABANDONED WELLS
DA August 1977
BT1 Wells
RT Natural Gas Wells
RT Oil Wells
DEF An oil or gas well abandoned because its yield has fallen below that necessary for profitable production.

Abashian-Booth-Crowe Effect
DA November 1977
USE ABC Effect

ABC EFFECT [01]
DA November 1977
UF *Abashian-Booth-Crowe Effect*
RT Interactions
RT Missing-Mass Spectra
RT Pions

ABDOMEN [01]
BT1 Body Areas
BT2 Body
RT Gastrointestinal Tract
RT Liver
RT Peritoneum
RT Spleen

Aberdeen Maryland Reactor
USE APRF Reactor

Aberration Yield
USE Mutation Frequency

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(Amati-Bertocchi-Fabini-Strangellini-Tonin Equation.)
BT1 Equations
RT Multiperipheral Model
RT Regge Poles
RT Scattering Amplitudes

ABLATION [01]
(For the medical concept use SURGERY or RADIOTHERAPY.)
RT Erosion
RT Heat Transfer
RT Reentry
RT Refractories
RT Sublimation Heat

Abnormalities (Chromosomal)
USE Chromosomal Aberrations

Abnormalities (Developmental)
USE Malformations

ABORTION [01]
RT Pregnancy
RT Reproductive Disorders

Abragam Model
USE Abragam-Pound Theory

ABRAGAM-POUND THEORY [01]
UF *Abragam Model*
RT Angular Correlation
RT Angular Distribution

ABRASION [01]
RT Abrasives
RT Erosion
RT Wear

ABRASIVES [01]
RT Abrasion
RT Pumice

ABRIKOSOV THEORY [01]
RT Superconductivity

ABS [01]
UF *Alkyl Benzenesulfonates*

BT1 Sulfonic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

ABSCESSES [01]
BT1 Inflammation
BT2 Pathological Changes
BT3 Diseases

ABSCOPAL RADIATION EFFECTS [01]
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
RT Local Irradiation
RT Partial Body Irradiation
RT Radiotoxins

ABSOLUTE COUNTING [01]
BT1 Counting Techniques
RT Calibration

ABSOLUTE INSTABILITIES [01]
BT1 Plasma Instability
BT2 Instability
RT Briggs Criterion
RT Convective Instabilities
DEF A class of plasma instabilities growing exponentially with time at any point in space; opposite to CONVECTIVE INSTABILITIES.

ABSOLUTE ZERO TEMPERATURE [01]
UF *Temperature (0 K)*
RT Cryogenics
RT Temperature Dependence
RT Thermodynamics

Absorbed Doses
USE Radiation Doses

Absorbed Fraction (Internal Irradiation)
USE Internal Irradiation
AND Spatial Dose Distributions

Absorbers (Solar)
DA October 1977
USE Solar Absorbers

ABSORPTION [01]
(In quantum physics only, for reducing the intensity of waves and submolecular particles when passing through matter; see also ATTENUATION or CHEMISORPTION.)
UF *Stopping*
NT1 Energy Absorption
NT1 K Absorption
NT1 Polar-Cap Absorption
NT1 Resonance Absorption
NT1 Self-Absorption
RT Absorption Spectra
RT Absorptivity
RT Half-Thickness
RT Heterogeneous Effects
RT Radiations
RT Range
RT Self-Shielding
RT Shielding
RT Slowing-Down
RT Stopping Power
RT Transmission

Absorption (Intestinal)
USE Intestinal Absorption

Absorption (Skin)
USE Skin Absorption

ABSORPTION HEAT [01]
UF *Heat of Absorption*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
BT1 Heat
BT2 Energy

Absorption Model
DA January 1975
USE Linear Absorption Models

ABSORPTION REFRIGERATION CYCLE
DA May 1978
RT Air Conditioners
RT Cooling Systems
RT Refrigerating Machinery
RT Refrigeration
RT Refrigerators

ABSORPTION SPECTRA [01]
UF *Spectra (Absorption)*
BT1 Spectra
RT Absorption
RT Absorption Spectroscopy
RT Optical Depth Curve
RT Spectroscopic Curve of Growth

ABSORPTION SPECTROSCOPY [01]
SF *Spectrochemistry*
UF *Atomic Absorption Spectroscopy*
UF *Colorimetry*
BT1 Spectroscopy
RT Absorption Spectra
RT Double Resonance Methods
RT Infrared Spectra
RT Laser Spectroscopy
RT Photoacoustic Spectrometers
RT Structural Chemical Analysis
RT Ultraviolet Spectra

ABSORPTIVITY
DA September 1975
BT1 Optical Properties
BT2 Physical Properties
RT Absorption
RT Spectral Reflectance
RT Surfaces

Absorptivity (Optical)
USE Opacity

ABSTRACTS [01]
(Use only for items about abstracts, not for items which are abstracts or collections of abstracts.)
BT1 Document Types
NT1 Leading Abstract

Abu Dhabi
DA August 1976
USE United Arab Emirates

ABUNDANCE
DA February 1975
RT Chemical Composition
RT Isotope Ratio
RT Ore Composition
RT Quantity Ratio

AC AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

AC LOSSES
DA June 1975
RT Superconductivity

AC SYSTEMS
DA May 1976
BT1 Power Systems
NT1 EHV AC Systems
NT1 HVAC Systems
NT1 UHV AC Systems

ACCELERATION [01]
UF *Deceleration*
NT1 Plasma Acceleration
RT Accelerators
RT Gravimetry
RT Heavy Ion Accelerators
RT Velocity

ACCELERATOR BREEDERS [01]
DA January 1978
RT Accelerators
RT Breeder Reactors
RT Breeding
RT Fissionable Materials
RT Nuclear Fuels
DEF Accelerators used in the production of fissionable materials.

ACCELERATOR FACILITIES [01]
UF *Experimental Facilities (Accelerator)*
NT1 FMIT Facility
NT1 Target Chambers
RT Accelerators
RT Beam Dumps
RT Beam Monitors
RT Laboratory Equipment
RT Reaction Product Transport Systems

Accelerator Pulsed Fast Assembly
USE APFA-3 Reactor

ACCELERATORS [01]
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NT1 Collective Accelerators
NT2 Electron-Ring Accelerators
NT2 Ionization Front Accelerators
NT2 Plasma Betatrons
NT1 Cyclic Accelerators
NT2 Betatrons
NT2 Bevalac
NT2 Cyclotrons
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NT3 Isochronous Cyclotrons
NT4 AABO Cyclotron
NT4 ALICE Cyclotron
NT4 APACHE
NT4 Brookhaven Cyclotron
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NT4 Cracow C-48 Cyclotron
NT4 Grenoble Cyclotron
NT4 IU Cyclotron
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NT4 Karlsruhe Cyclotron
NT4 Kazakhstan Cyclotron
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NT4 NRL Cyclotron
NT4 ORNL Isochronous Cyclotron
NT4 Orsay Cyclotron
NT4 Princeton Cyclotron
NT4 SIN Cyclotron
NT4 Texas A and M Cyclotron
NT4 TRIUMF Cyclotron
NT4 UCLRL Cyclotrons
NT3 Microtrons
NT3 Separated Orbit Cyclotrons
NT4 ORNL Separated Orbit Cyclotron
NT3 Variable Energy Cyclotrons
NT2 Linotrons
NT2 Synchrocyclotrons
NT3 Berkeley Synchrocyclotron
NT3 CERN Synchrocyclotron
NT3 Chicago Synchrocyclotron
NT3 Dubna Synchrocyclotron
NT3 Goettingen Synchrocyclotron
NT3 Harvard Synchrocyclotron
NT3 Harwell Synchrocyclotron
NT3 IKO Synchrocyclotron
NT3 Leningrad Synchrocyclotron
NT3 McGill Synchrocyclotron
NT3 Uppsala Synchrocyclotron
NT2 Synchrotrons
NT3 Bevatron
NT3 Birmingham Synchrotron
NT3 Bonn Synchrotron
NT3 Brookhaven AGS
NT3 Caltech Synchrotron
NT3 Cambridge Electron Accelerator
NT3 CERN PS Synchrotron
NT3 CERN SPS Synchrotron
NT3 Cornell 2-GeV Synchrotron
NT3 Cornell 10-GeV Synchrotron
NT3 Cosmotron
NT3 DESY
NT3 Erevan Synchrotron
NT3 ESCAR
NT3 Fermilab Accelerator
NT3 FIAN Synchrotron
NT3 Frascati Synchrotron
NT3 Glasgow Synchrotron
NT3 IPNS-I

NT3 Itep Synchrotron
NT3 JINR Synchrotron
NT3 KEK Synchrotron
NT3 LUSY
NT3 MURA Synchrotron
NT3 Nimrod
NT3 Nina
NT3 NSLS
NT3 Omnitron
NT3 Orsay Synchrotron
NT3 Pakhra Synchrotron
NT3 Princeton Synchrotron
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NT2 Dynamitrons
NT2 Pelletrons
NT2 Tandem Electrostatic Accelerators
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NT3 Orsay Tandem Accelerator
NT2 Van de Graaff Accelerators
NT3 CRNL Mp Tandem Accelerator
NT3 Learn Tandem Accelerator
NT3 Orsay Tandem Accelerator
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NT2 UNILAC
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NT1 Linear Accelerators
NT2 CERN Linac
NT2 Frascati Linac
NT2 Helac
NT2 Hilacs
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NT2 ING Linac
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NT2 KEK Linac
NT2 Kharkov Linac
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NT2 MEA Linac
NT2 Minnesota Univ Linac
NT2 MIT Bates Linac
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NT2 Saclay Linac
NT2 Stanford 1.2-GeV Linac
NT2 Stanford 20-GeV Linac
NT2 Swierk Linac
NT2 UNILAC
NT2 Zeran Linac
NT1 Meson Factories
NT2 LAMPF Linac
NT2 CRNL Mp Tandem Accelerator
NT2 Learn Tandem Accelerator
NT2 Orsay Tandem Accelerator
RT Acceleration
RT Accelerator Breeders
RT Accelerator Facilities
RT Beam Dumps
RT Beam Dynamics
RT Beam Separators
RT Isotope Production
RT Particle Boosters
RT Storage Rings
RT Target Chambers
RT Vacuum Systems

ACCELEROMETERS [01]
BT1 Measuring Instruments
RT Velocimeters

Acceptance (Beam)
USE Beam Acceptance

Accidental Intake
USE Accidents
AND Single Intake

Accidental Irradiation
USE Irradiation
AND Radiation Accidents

ACCIDENTS [01]
UF *Aircraft Accidents*
UF *Emergencies*
UF *Incidents*
UF *Marine Vehicle Accidents*
UF *Nuclear Accidents*
UF+ *Accidental Intake*
NT1 Blowouts
NT1 Industrial Accidents
NT1 Motor Vehicle Accidents
NT1 Radiation Accidents
NT1 Reactor Accidents
NT2 ATWS
NT2 Design Basis Accidents
NT3 Maximum Credible Accident
NT2 Excursions
NT2 Fuel Element Failure
NT2 Loss of Coolant
NT2 Loss of Flow
NT2 Meltdown
NT2 Power-Cooling-Mismatch Accidents
NT2 Reactor Core Disruption
NT2 Rod Drop Accidents
NT2 Rod Ejection Accidents
NT2 Transient Overpower Accidents
RT Aerial Monitoring
RT Environment
RT Explosions
RT Failures
RT Fallout
RT Fires
RT First Aid
RT Fission Products
RT Hazards
RT Industrial Medicine
RT Injuries
RT Insurance
RT Liabilities
RT Population Relocation
RT Preventive Medicine
RT Radiation Protection
RT Radioactive Clouds
RT Reactor Safety
RT Safety
RT Single Intake
RT Site Selection

Acclimation
DA October 1975
USE Biological Adaptation

ACCOUNTING [01]
UF *Bookkeeping*
BT1 Management
NT1 AFUDC
NT1 Energy Accounting
RT CWIP
RT Inventories
RT Invoices
RT Losses
RT Material Unaccounted For
RT Nuclear Materials Management
RT Procurement
RT Safeguards
RT US GAO

Accra Soviet IRT Type Reactor
USE IRT-Accra Reactor

Accretion (Planet-System)
USE Planet-System Accretion

Accretion (Stars)
USE Star Accretion

Accumulation
USE Buildup

Accumulation (Radioecological)
USE Radioecological Concentration

ACCUMULATORS
DA April 1975
BT1 Tanks
BT2 Containers
RT ECCS

ACCURACY [01]
RT Calibration
RT Calibration Standards
RT Errors
RT Inspection
RT Reliability
RT Resolution
RT Specificity

ACENAPHTHENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Naphthalene

Aces
USE Quarks

ACETABULARIA [01]
BT1 Algae
BT2 Plants

ACETAL [01]
UF *1,1-Diethoxyethane*
BT1 Acetals
BT2 Ethers
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
RT Acetaldehyde

ACETALDEHYDE [01]
UF *Acetic Aldehyde*
UF *Ethanal*
UF *Ethylaldehyde*
BT1 Aldehydes
BT2 Organic Compounds
RT Acetal
RT Chloral

ACETALS [01]
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
NT1 Acetal
RT Polyacetals

ACETAMIDE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Ioglycamic Acid
RT Acetic Acid

ACETATES [01]
BT1 Carboxylic Acid Salts
RT Acetic Acid Esters

ACETIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Acetamide
RT Acetolysis

ACETIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
NT1 Isopentyl Acetate
RT Acetates

Acetic Aldehyde
USE Acetaldehyde

ACETOACETATES [01]
BT1 Carboxylic Acid Salts

ACETOACETIC ACID [01]
UF *Ketobutyric Acid-beta*
BT1 Keto Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ACETOACETIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters

BT3 Organic Compounds

ACETOLYSIS [01]
BT1 Solvolysis
BT2 Decomposition
BT3 Chemical Reactions
RT Acetic Acid

ACETONE [01]
UF *Dimethyl Ketone*
UF *Oxopropane*
UF *Propanone*
BT1 Ketones
BT2 Organic Compounds

ACETOPHENONE [01]
UF *Acetylbenzene*
UF *Methyl Phenyl Ketone*
BT1 Ketones
BT2 Organic Compounds

Acetyl Propionyl
USE 2-3-Pentanedione

ACETYL RADICALS [01]
BT1 Acyl Radicals
BT2 Radicals

ACETYLACETONE [01]
UF *2,4-Pentanedione*
BT1 Chelating Agents
BT1 Ketones
BT2 Organic Compounds
BT1 Reagents

ACETYLATION [01]
BT1 Acylation
BT2 Chemical Reactions

Acetylbenzene
USE Acetophenone

ACETYLCHOLINE [01]
BT1 Esters
BT2 Organic Compounds
BT1 Parasympathomimetics
BT2 Drugs
BT1 Quaternary Compounds
BT2 Amines
BT3 Organic Compounds
BT2 Ammonium Compounds
RT Choline
RT Cholinesterase

ACETYLENE [01]
UF *Ethine*
UF *Ethyne*
BT1 Alkynes
BT2 Hydrocarbons
BT3 Organic Compounds

Acetylenes
USE Alkynes

Acetylpropionic Acid-beta
USE Levulinic Acid

ACETYLSALICYLIC ACID [01]
DA March 1976
UF *Aspirin*
BT1 Analgesics
BT2 Drugs
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Achiral
DA February 1976
USE Racemates

ACHOLEPLASMA LAIDLAWII B [01]
DA May 1975
BT1 Mycoplasma
BT2 Microorganisms

ACHONDRITES [01]
BT1 Stone Meteorites
BT2 Meteorites

ACHROMATIC LESIONS [01]
RT Chromatin

ACID CARBONATES
DA July 1977
UF *Bicarbonates*
RT Carbonates
RT Inorganic Acids

ACID CHROME DYES [01]
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

ACID ELECTROLYTE FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

ACID HALIDES
DA January 1975
BT1 Organic Halogen Compounds
BT2 Organic Compounds
RT Carboxylic Acids

ACID HYDROLYSIS
DA May 1976
BT1 Hydrolysis
BT2 Lysis
BT2 Solvolysis
BT3 Decomposition
BT4 Chemical Reactions
RT Enzymatic Hydrolysis

ACID MINE DRAINAGE
DA January 1976
RT Coal Mining
RT Land Pollution
RT Mine Draining
RT Mining
RT Spoil Banks
RT Waste Water
RT Water Pollution

ACID PHOSPHATASE [01]
BT1 Phosphatases
BT2 Esterases
BT3 Hydrolases
BT4 Enzymes

ACID PHOSPHATES
DA July 1977
RT Inorganic Acids
RT Phosphates

ACID RAIN
DA March 1976
BT1 Rain
BT2 Atmospheric Precipitations
RT Air Pollution

ACID SILICATES
DA July 1977
RT Inorganic Acids
RT Silicates

ACID SULFATES
DA March 1978
RT Inorganic Acids
RT Sulfates
RT Sulfuric Acid

ACIDIFICATION
DA December 1977
RT Chemical Reactions
RT Inorganic Acids
RT Organic Acids
DEF The act or process of acidifying.

Acidity
USE PH Value

ACIDIZATION
DA March 1976
RT Natural Gas Deposits
RT Petroleum Deposits
RT Well Stimulation
DEF Treatment of a reservoir formation with acid to assist the flow of crude oil or gas by improving the permeability of the reservoir rock.

Acids (Inorganic)
USE Inorganic Acids

Acids (Organic)
USE Organic Acids

ACO [01]
BT1 Storage Rings

Acoustic Electron Spin Resonance
USE Acoustic ESR

ACOUSTIC EMISSION TESTING [01]
BT1 Acoustic Testing
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing

ACOUSTIC ESR [01]
UF *Acoustic Electron Spin Resonance*
UF *AEPR*
UF *AESR*
BT1 Electron Spin Resonance
BT2 Magnetic Resonance
BT3 Resonance
RT Attenuation
RT Phonons
RT Resonance Scattering
RT Sound Waves

ACOUSTIC HEATING [01]
BT1 Magnetic-Pumping Heating
BT2 High-Frequency Heating
BT3 Plasma Heating
BT4 Heating

ACOUSTIC MEASUREMENTS
DA July 1976
UF *Sonic Measurements*
RT Acoustic Monitoring
RT Acoustic Testing
RT Seismic Surveys
RT Seismographs
RT Sonic Logging
RT Sonic Probes
RT Ultrasonic Testing
DEF Measurement of properties, quantities, or conditions of acoustical i.e., mechanical waves.

ACOUSTIC MONITORING [01]
DA January 1975
UF *Microseismic Monitoring*
BT1 Monitoring
RT Acoustic Measurements
RT In Core Instruments
RT Sonic Logging
RT Sound Waves

ACOUSTIC NMR [01]
UF *Acoustic Nuclear Magnetic Resonance*
UF *ANMR*
UF *Nuclear Acoustic Resonance*
BT1 Nuclear Magnetic Resonance
BT2 Magnetic Resonance
BT3 Resonance
RT Attenuation
RT Phonons
RT Resonance Scattering
RT Sound Waves

Acoustic Nuclear Magnetic Resonance
USE Acoustic NMR

Acoustic Spark Chambers
USE Sonic Spark Chambers

ACOUSTIC TESTING [01]
BT1 Nondestructive Testing

BT2 Materials Testing
BT3 Testing
NT1 Acoustic Emission Testing
NT1 Ultrasonic Testing
RT Acoustic Measurements

ACOUSTICS
DA January 1976
NT1 Magnetoacoustics
RT Photoacoustic Effect
RT Sound Waves

ACPR REACTOR [01]
UF *Annular Core Pulse Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Acquisition (Data)
USE Data Acquisition

Acraldehyde
USE Acrolein

ACRIDINE ORANGE [01]
BT1 Acridines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Amines
BT2 Organic Compounds
BT1 Dyes

ACRIDINES [01]
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Acridine Orange
NT1 Acridones
NT1 Flavines
NT2 Acriflavine
NT2 Proflavine

ACRIDONES
DA January 1975
BT1 Acridines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

ACRIFLAVINE [01]
UF *Euflavine*
UF *Trypaflavine*
BT1 Flavines
BT2 Acridines
BT3 Pyridines
BT4 Azines
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
BT2 Amines
BT3 Organic Compounds
RT Proflavine

ACROCENTRIC CHROMOSOMES [01]
DA September 1975
BT1 Chromosomes
RT Chromosomal Aberrations
RT Karyotype

Acroleic Acid
USE Acrylic Acid

ACROLEIN [01]
UF *Acraldehyde*
UF *Acrylic Aldehyde*
UF *Propenal*
BT1 Aldehydes
BT2 Organic Compounds
RT Vinyl Monomers

ACROMEGALY [01]
BT1 Endocrine Diseases
BT2 Diseases
RT Pituitary Gland
RT STH

ACRYLAMIDE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Acrylic Acid
RT Vinyl Monomers

ACRYLATES [01]
BT1 Carboxylic Acid Salts
RT Acrylic Acid Esters
RT Vinyl Monomers

ACRYLIC ACID [01]
UF *Acroleic Acid*
UF *Ethylenecarboxylic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Acrylamide
RT Acrylonitrile
RT Vinyl Monomers

ACRYLIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Acrylates
RT Vinyl Monomers

Acrylic Aldehyde
USE Acrolein

Acrylic Polymers
USE Polyacrylates

ACRYLONITRILE [01]
UF *Vinyl Cyanide*
BT1 Nitriles
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Acrylic Acid
RT Organic Polymers
RT Vinyl Monomers

ACTH [01]
UF *Adrenocorticotropic Hormone*
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Adrenal Glands
RT Corticosteroids
RT Glucocorticoids

ACTIN [01]
BT1 Proteins
BT2 Organic Compounds
RT Muscles

ACTINIDE ALLOYS [01]
BT1 Alloys
NT1 Americium Alloys
NT2 Americium Additions
NT2 Americium Base Alloys
NT1 Curium Alloys
NT2 Curium Additions
NT2 Curium Base Alloys
NT1 Neptunium Alloys
NT2 Neptunium Additions
NT2 Neptunium Base Alloys
NT1 Plutonium Alloys
NT2 Plutonium Additions
NT2 Plutonium Base Alloys
NT1 Protactinium Alloys
NT2 Protactinium Additions
NT2 Protactinium Base Alloys
NT1 Thorium Alloys
NT2 Magnesium Alloy-HK31A
NT2 Thorium Additions
NT2 Thorium Base Alloys
NT1 Uranium Alloys
NT2 Uranium Additions
NT2 Uranium Base Alloys
NT3 Mulberry Alloy
RT Rare Earth Alloys

ACTINIDE BURNER REACTORS
DA March 1979
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
RT Radioactive Waste Disposal
DEF Reactors which convert radioactive waste actinides to useful or less harmful elements by fission reactions.

ACTINIDE COMPLEXES [01]
BT1 Complexes
NT1 Actinium Complexes
NT1 Americium Complexes
NT1 Berkelium Complexes
NT1 Californium Complexes
NT1 Curium Complexes
NT1 Einsteinium Complexes
NT1 Fermium Complexes
NT1 Lawrencium Complexes
NT1 Mendelevium Complexes
NT1 Neptunium Complexes
NT1 Nobelium Complexes
NT1 Plutonium Complexes
NT1 Protactinium Complexes
NT1 Thorium Complexes
NT1 Uranium Complexes
NT2 Uranyl Complexes

ACTINIDE COMPOUNDS [01]
*NT1 Actinium Compounds
*NT1 Americium Compounds
*NT1 Berkelium Compounds
*NT1 Californium Compounds
*NT1 Curium Compounds
*NT1 Einsteinium Compounds
*NT1 Fermium Compounds
*NT1 Lawrencium Compounds
*NT1 Mendelevium Compounds
*NT1 Neptunium Compounds
*NT1 Nobelium Compounds
*NT1 Plutonium Compounds
*NT1 Protactinium Compounds
*NT1 Thorium Compounds
*NT1 Uranium Compounds

ACTINIDE ISOTOPES
DA May 1976
NT1 Actinium Isotopes
NT2 Actinium 212
NT2 Actinium 213
NT2 Actinium 216
NT2 Actinium 217
NT2 Actinium 218
NT2 Actinium 220
NT2 Actinium 221
NT2 Actinium 222
NT2 Actinium 223
NT2 Actinium 224
NT2 Actinium 225
NT2 Actinium 226
NT2 Actinium 227
NT2 Actinium 228
NT2 Actinium 229
NT2 Actinium 230
NT2 Actinium 231
NT2 Actinium 232
NT1 Americium Isotopes

NT2 Americium 232
NT2 Americium 234
NT2 Americium 236
NT2 Americium 237
NT2 Americium 238
NT2 Americium 239
NT2 Americium 240
NT2 Americium 241
NT2 Americium 242
NT2 Americium 243
NT2 Americium 244
NT2 Americium 245
NT2 Americium 246
NT2 Americium 247
NT1 Berkelium Isotopes
NT2 Berkelium 240
NT2 Berkelium 241
NT2 Berkelium 242
NT2 Berkelium 243
NT2 Berkelium 244
NT2 Berkelium 245
NT2 Berkelium 246
NT2 Berkelium 247
NT2 Berkelium 248
NT2 Berkelium 249
NT2 Berkelium 250
NT2 Berkelium 251
NT1 Californium Isotopes
NT2 Californium 242
NT2 Californium 243
NT2 Californium 244
NT2 Californium 245
NT2 Californium 246
NT2 Californium 247
NT2 Californium 248
NT2 Californium 249
NT2 Californium 250
NT2 Californium 251
NT2 Californium 252
NT2 Californium 253
NT2 Californium 254
NT2 Californium 255
NT2 Californium 256
NT1 Curium Isotopes
NT2 Curium 238
NT2 Curium 239
NT2 Curium 240
NT2 Curium 241
NT2 Curium 242
NT2 Curium 243
NT2 Curium 244
NT2 Curium 245
NT2 Curium 246
NT2 Curium 247
NT2 Curium 248
NT2 Curium 249
NT2 Curium 250
NT2 Curium 251
NT2 Curium 252
NT1 Einsteinium Isotopes
NT2 Einsteinium 243
NT2 Einsteinium 244
NT2 Einsteinium 245
NT2 Einsteinium 246
NT2 Einsteinium 247
NT2 Einsteinium 248
NT2 Einsteinium 249
NT2 Einsteinium 250
NT2 Einsteinium 251
NT2 Einsteinium 252
NT2 Einsteinium 253
NT2 Einsteinium 254
NT2 Einsteinium 255
NT2 Einsteinium 256
NT1 Fermium Isotopes
NT2 Fermium 242
NT2 Fermium 244
NT2 Fermium 245
NT2 Fermium 246
NT2 Fermium 247
NT2 Fermium 248
NT2 Fermium 249
NT2 Fermium 250
NT2 Fermium 251
NT2 Fermium 252
NT2 Fermium 253
NT2 Fermium 254
NT2 Fermium 255
NT2 Fermium 256
NT2 Fermium 257
NT2 Fermium 258
NT2 Fermium 259
NT1 Lawrencium Isotopes
NT2 Lawrencium 255
NT2 Lawrencium 256
NT2 Lawrencium 257
NT2 Lawrencium 258
NT2 Lawrencium 259
NT1 Mendelevium Isotopes
NT2 Mendelevium 248
NT2 Mendelevium 249
NT2 Mendelevium 250
NT2 Mendelevium 251
NT2 Mendelevium 252
NT2 Mendelevium 253
NT2 Mendelevium 254
NT2 Mendelevium 255
NT2 Mendelevium 256
NT2 Mendelevium 257
NT2 Mendelevium 258
NT2 Mendelevium 259
NT1 Neptunium Isotopes
NT2 Neptunium 227
NT2 Neptunium 228
NT2 Neptunium 229
NT2 Neptunium 230
NT2 Neptunium 231
NT2 Neptunium 232
NT2 Neptunium 233
NT2 Neptunium 234
NT2 Neptunium 235
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NT2 Neptunium 237
NT2 Neptunium 238
NT2 Neptunium 239
NT2 Neptunium 240
NT2 Neptunium 241
NT2 Neptunium 242
NT2 Neptunium 243
NT1 Nobelium Isotopes
NT2 Nobelium 250
NT2 Nobelium 251
NT2 Nobelium 252
NT2 Nobelium 253
NT2 Nobelium 254
NT2 Nobelium 255
NT2 Nobelium 256
NT2 Nobelium 257
NT2 Nobelium 258
NT2 Nobelium 259
NT2 Nobelium 260
NT1 Plutonium Isotopes
NT2 Plutonium 231
NT2 Plutonium 232
NT2 Plutonium 233
NT2 Plutonium 234
NT2 Plutonium 235
NT2 Plutonium 236
NT2 Plutonium 237
NT2 Plutonium 238
NT2 Plutonium 239
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NT2 Plutonium 241
NT2 Plutonium 242
NT2 Plutonium 243
NT2 Plutonium 244
NT2 Plutonium 245
NT2 Plutonium 246
NT2 Plutonium 248
NT2 Plutonium 250
NT1 Protactinium Isotopes
NT2 Protactinium 216
NT2 Protactinium 217
NT2 Protactinium 218
NT2 Protactinium 222
NT2 Protactinium 223
NT2 Protactinium 224
NT2 Protactinium 225
NT2 Protactinium 226
NT2 Protactinium 227
NT2 Protactinium 228
NT2 Protactinium 229
NT2 Protactinium 230
NT2 Protactinium 231
NT2 Protactinium 232
NT2 Protactinium 233
NT2 Protactinium 234
NT2 Protactinium 235
NT2 Protactinium 236
NT2 Protactinium 237
NT2 Protactinium 238
NT1 Thorium Isotopes
NT2 Thorium 213
NT2 Thorium 214
NT2 Thorium 215
NT2 Thorium 216
NT2 Thorium 217
NT2 Thorium 218
NT2 Thorium 219
NT2 Thorium 220
NT2 Thorium 221
NT2 Thorium 222
NT2 Thorium 223
NT2 Thorium 224
NT2 Thorium 225
NT2 Thorium 226
NT2 Thorium 227
NT2 Thorium 228
NT2 Thorium 229
NT2 Thorium 230
NT2 Thorium 231
NT2 Thorium 232
NT2 Thorium 233
NT2 Thorium 234
NT2 Thorium 235
NT2 Thorium 236
NT1 Uranium Isotopes
NT2 Uranium 225
NT2 Uranium 226
NT2 Uranium 227
NT2 Uranium 228
NT2 Uranium 229
NT2 Uranium 230
NT2 Uranium 231
NT2 Uranium 232
NT2 Uranium 233
NT2 Uranium 234
NT2 Uranium 235
NT2 Uranium 236
NT2 Uranium 237
NT2 Uranium 238
NT2 Uranium 239
NT2 Uranium 240
NT2 Uranium 242

ACTINIDE NUCLEI [01]
DA April 1975
BT1 Heavy Nuclei
BT2 Nuclei
NT1 Actinium 212
NT1 Actinium 213
NT1 Actinium 216
NT1 Actinium 217
NT1 Actinium 218
NT1 Actinium 220
NT1 Actinium 221
NT1 Actinium 222
NT1 Actinium 223
NT1 Actinium 224
NT1 Actinium 225
NT1 Actinium 226
NT1 Actinium 227
NT1 Actinium 228
NT1 Actinium 229
NT1 Actinium 230
NT1 Actinium 231
NT1 Actinium 232
NT1 Americium 232
NT1 Americium 234
NT1 Americium 236
NT1 Americium 237
NT1 Americium 238
NT1 Americium 239
NT1 Americium 240
NT1 Americium 241
NT1 Americium 242
NT1 Americium 243
NT1 Americium 244
NT1 Americium 245
NT1 Americium 246
NT1 Americium 247
NT1 Berkelium 240
NT1 Berkelium 241
NT1 Berkelium 242

NT1 Berkelium 243
NT1 Berkelium 244
NT1 Berkelium 245
NT1 Berkelium 246
NT1 Berkelium 247
NT1 Berkelium 248
NT1 Berkelium 249
NT1 Berkelium 250
NT1 Berkelium 251
NT1 Californium 242
NT1 Californium 243
NT1 Californium 244
NT1 Californium 245
NT1 Californium 246
NT1 Californium 247
NT1 Californium 248
NT1 Californium 249
NT1 Californium 250
NT1 Californium 251
NT1 Californium 252
NT1 Californium 253
NT1 Californium 254
NT1 Californium 255
NT1 Californium 256
NT1 Curium 238
NT1 Curium 239
NT1 Curium 240
NT1 Curium 241
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NT1 Curium 244
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NT1 Curium 252
NT1 Einsteinium 243
NT1 Einsteinium 244
NT1 Einsteinium 245
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NT1 Einsteinium 248
NT1 Einsteinium 249
NT1 Einsteinium 250
NT1 Einsteinium 251
NT1 Einsteinium 252
NT1 Einsteinium 253
NT1 Einsteinium 254
NT1 Einsteinium 255
NT1 Einsteinium 256
NT1 Fermium 242
NT1 Fermium 244
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NT1 Fermium 252
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NT1 Fermium 255
NT1 Fermium 256
NT1 Fermium 257
NT1 Fermium 258
NT1 Fermium 259
NT1 Lawrencium 255
NT1 Lawrencium 256
NT1 Lawrencium 257
NT1 Lawrencium 258
NT1 Lawrencium 259
NT1 Mendelevium 248
NT1 Mendelevium 249
NT1 Mendelevium 250
NT1 Mendelevium 251
NT1 Mendelevium 252
NT1 Mendelevium 253
NT1 Mendelevium 254
NT1 Mendelevium 255
NT1 Mendelevium 256
NT1 Mendelevium 257
NT1 Mendelevium 258
NT1 Mendelevium 259
NT1 Neptunium 227
NT1 Neptunium 228
NT1 Neptunium 229
NT1 Neptunium 230
NT1 Neptunium 231
NT1 Neptunium 232
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NT1 Neptunium 234
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NT1 Neptunium 242
NT1 Neptunium 243
NT1 Nobelium 250
NT1 Nobelium 251
NT1 Nobelium 252
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NT1 Nobelium 255
NT1 Nobelium 256
NT1 Nobelium 257
NT1 Nobelium 258
NT1 Nobelium 259
NT1 Nobelium 260
NT1 Plutonium 231
NT1 Plutonium 232
NT1 Plutonium 233
NT1 Plutonium 234
NT1 Plutonium 235
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NT1 Plutonium 242
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NT1 Plutonium 244
NT1 Plutonium 245
NT1 Plutonium 246
NT1 Plutonium 248
NT1 Plutonium 250
NT1 Protactinium 216
NT1 Protactinium 217
NT1 Protactinium 218
NT1 Protactinium 222
NT1 Protactinium 223
NT1 Protactinium 224
NT1 Protactinium 225
NT1 Protactinium 226
NT1 Protactinium 227
NT1 Protactinium 228
NT1 Protactinium 229
NT1 Protactinium 230
NT1 Protactinium 231
NT1 Protactinium 232
NT1 Protactinium 233
NT1 Protactinium 234
NT1 Protactinium 235
NT1 Protactinium 236
NT1 Protactinium 237
NT1 Protactinium 238
NT1 Thorium 213
NT1 Thorium 214
NT1 Thorium 215
NT1 Thorium 216
NT1 Thorium 217
NT1 Thorium 218
NT1 Thorium 219
NT1 Thorium 220
NT1 Thorium 221
NT1 Thorium 222
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NT1 Thorium 228
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NT1 Thorium 230
NT1 Thorium 231
NT1 Thorium 232
NT1 Thorium 233
NT1 Thorium 234
NT1 Thorium 235
NT1 Thorium 236
NT1 Uranium 225
NT1 Uranium 226
NT1 Uranium 227
NT1 Uranium 228
NT1 Uranium 229
NT1 Uranium 230
NT1 Uranium 231
NT1 Uranium 232
NT1 Uranium 233
NT1 Uranium 234
NT1 Uranium 235
NT1 Uranium 236
NT1 Uranium 237
NT1 Uranium 238
NT1 Uranium 239
NT1 Uranium 240
NT1 Uranium 242

ACTINIDES [01]
BT1 Metals
BT2 Elements
NT1 Actinium
NT1 Americium
NT1 Berkelium
NT1 Californium
NT1 Curium
NT1 Einsteinium
NT1 Fermium
NT1 Lawrencium
NT1 Mendelevium
NT1 Neptunium
NT2 Neptunium-Alpha
NT2 Neptunium-Beta
NT2 Neptunium-Gamma
NT1 Nobelium
NT1 Plutonium
NT2 Plutonium-Alpha
NT2 Plutonium-Beta
NT2 Plutonium-Delta
NT2 Plutonium-Epsilon
NT2 Plutonium-Eta
NT2 Plutonium-Gamma
NT1 Protactinium
NT1 Thorium
NT2 Thorium-Alpha
NT2 Thorium-Beta
NT1 Uranium
NT2 Depleted Uranium
NT2 Enriched Uranium
NT3 Highly Enriched Uranium
NT3 Moderately Enriched Uranium
NT3 Slightly Enriched Uranium
NT2 Natural Uranium
NT2 Uranium-Alpha
NT2 Uranium-Beta
NT2 Uranium-Gamma
RT Transplutonium Elements
RT Transuranium Elements

ACTINIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements

ACTINIUM 212 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ACTINIUM 213 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 216 [01]
BT1 Actinide Nuclei

BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ACTINIUM 217 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 218 [01]
DA December 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 220 [01]
DA May 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 221 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 222 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 223 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 224 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ACTINIUM 225 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 226 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ACTINIUM 227 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 228 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ACTINIUM 229 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 230 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ACTINIUM 231 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ACTINIUM 232 [01]
DA January 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Actinium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

Actinium A
USE Polonium 215

ACTINIUM ADDITIONS
DA January 1975
BT1 Alloys

Actinium B
USE Lead 211

ACTINIUM BROMIDES [01]
DA October 1975
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

Actinium C
USE Bismuth 211

Actinium C /
USE Polonium 211

Actinium C//
USE Thallium 207

ACTINIUM CHLORIDES [01]
DA October 1975
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ACTINIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes

ACTINIUM COMPOUNDS [01]
BT1 Actinide Compounds
NT1 Actinium Bromides
NT1 Actinium Chlorides
NT1 Actinium Fluorides
NT1 Actinium Hydroxides
NT1 Actinium Oxides
NT1 Actinium Sulfates

Actinium D
USE Lead 207

ACTINIUM FLUORIDES [01]
DA October 1975
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ACTINIUM HYDROXIDES [01]
DA November 1977
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

ACTINIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ACTINIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Actinium 212
NT1 Actinium 213
NT1 Actinium 216
NT1 Actinium 217
NT1 Actinium 218
NT1 Actinium 220
NT1 Actinium 221
NT1 Actinium 222
NT1 Actinium 223
NT1 Actinium 224
NT1 Actinium 225
NT1 Actinium 226
NT1 Actinium 227
NT1 Actinium 228
NT1 Actinium 229
NT1 Actinium 230
NT1 Actinium 231
NT1 Actinium 232

Actinium K
USE Francium 223

ACTINIUM OXIDES [01]
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

ACTINIUM SULFATES [01]
DA January 1975
BT1 Actinium Compounds
BT2 Actinide Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

ACTINIUM 227 TARGET [01]
DA July 1976
BT1 Targets

Actinium X
USE Radium 223

ACTINOMYCES [01]
BT1 Bacteria
BT2 Microorganisms
RT Nocardia

ACTINOMYCIN [01]
BT1 Antibiotics
BT2 Drugs
BT1 Antimitotic Drugs
BT2 Drugs

ACTIVATED CARBON [01]
BT1 Adsorbents
BT1 Carbon
BT2 Nonmetals
BT3 Elements
RT Adsorption
RT Charcoal

ACTIVATED SLUDGE PROCESS
DA March 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Petroleum Refineries
RT Sewage

Activation (Chemical)
USE Chemical Activation

Activation (Radio)
USE Radioactivation

ACTIVATION ANALYSIS [01]
UF *Analysis (Activation)*
UF+ *Charged-Particle Activation*
UF+ *Neutron Activation Analysis*
UF+ *Photon Activation Analysis*
BT1 Chemical Analysis
RT Crime Detection
RT Impurities
RT Neutron Activation Analyzers
RT Nondestructive Analysis
RT Nuclear Reaction Analysis
RT Qualitative Chemical Analysis
RT Quantitative Chemical Analysis
RT Radioactivation
RT Substoichiometry

ACTIVATION DETECTORS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Fission Foil Detectors
RT Moderating Detectors
RT Radiator Counters
RT Threshold Detectors

ACTIVATION ENERGY [01]
UF *Activation Heat*
UF *Reactivity (Chemical)*
BT1 Energy
RT Arrhenius Equation
RT Chemical Activation
RT Chemical Reaction Kinetics
RT Excitation
RT Reaction Kinetics

Activation Heat
USE Activation Energy

Activity Coefficient
USE Reaction Kinetics
AND Thermodynamic Activity

ACTIVITY LEVELS
DA January 1975
BT1 Radioactivity

ACTIVITY METERS [01]
RT Counting Techniques

Activity Transport
DA August 1976
USE Radioactivity Transport

ACTUATORS [01]
DA April 1975
RT Control Equipment
RT Servomechanisms
RT Solenoids
DEF Mechanism to activate process control equipmemt, e.g., valves.

ACUTE EXPOSURE
DA June 1978
NT1 Acute Irradiation
RT Biological Effects
RT Toxicity

ACUTE IRRADIATION [01]
BT1 Acute Exposure
BT1 Irradiation
RT Latency Period
RT Radiation Syndrome

ACYL RADICALS [01]
BT1 Radicals
NT1 Acetyl Radicals
NT1 Butyryl Radicals
NT1 Formyl Radicals

ACYLATION [01]
BT1 Chemical Reactions
NT1 Acetylation
NT1 Benzoylation

ADAMANTANE
DA February 1975
BT1 Cycloalkanes
BT2 Alkanes
BT3 Hydrocarbons
BT4 Organic Compounds

Adapted Swimming Pool Reactor Austria
USE ASTRA Reactor

Added Mass Effect
DA August 1976
USE Hydrodynamic Mass Effect

ADDITIVES [01]
SF *Chemicals*
NT1 Demulsifiers
NT1 Emulsifiers
NT2 Detergents
NT3 Pluronics
NT1 Fuel Additives
RT Catalysts
RT Preservatives

ADDUCTS [01]
RT Chemical Bonds
RT Clathrates
RT Complexes
DEF Chemical compounds with weak bonds, e.g., occulusive or Van der Waal bonds.

ADENINES [01]
UF *6-Aminopurine*
BT1 Amines
BT2 Organic Compounds
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Kinetin
RT Adenosine
RT Adenylic Acid
RT ADP

RT AMP
RT ATP
RT Vitamin B Group

Adenocarcinomas
USE Carcinomas

ADENOMAS [01]
BT1 Neoplasms
BT2 Diseases
RT Glands

ADENOSINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
RT Adenines
RT ATP

Adenosine Diphosphate
USE ADP

Adenosine Monophosphate
USE AMP

Adenosine Triphosphatase
USE ATP-ASE

Adenosine Triphosphate
USE ATP

ADENOVIRUS [01]
BT1 Oncogenic Viruses
BT2 Viruses
BT3 Microorganisms
BT3 Parasites

ADENYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Adenines

Adgezator
USE Electron-Ring Accelerators

ADHESION [01]
RT Adhesives
RT Bonding
RT Coalescence
RT Surface Properties

ADHESIVES [01]
NT1 Halthane
RT Adhesion
RT Binders

ADIABATIC APPROXIMATION [01]
RT Born-Oppenheimer Approximation
RT Diabatic Approximation
RT Quantum Mechanics
RT Scattering

ADIABATIC COMPRESSION HEATING [01]
BT1 Plasma Heating
BT2 Heating

ADIABATIC DEMAGNETIZATION [01]
UF *Demagnetization (Adiabatic)*
UF *Magnetic Cooling*
RT Cryogenics
RT Magnetism

ADIABATIC INVARIANCE [01]
RT Invariance Principles
RT Quantum Mechanics

ADIABATIC PROCESSES [01]
UF *Processes (Adiabatic)*
NT1 Adiabatic Surface Ionization
RT Isentropic Processes
RT Isothermal Processes
RT Thermodynamics

ADIABATIC SURFACE IONIZATION [01]
DA March 1978
UF *ASI*
BT1 Adiabatic Processes
BT1 Surface Ionization
BT2 Ionization

Adiabatic Toroidal Compressors
USE ATC Devices

ADIP PROCESS
DA January 1975
RT Desulfurization
DEF Process for the substantial removal of H_2S and the partial removal of incidental COS, carbon dioxide, and mercaptans.

ADIPIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ADIPOSE TISSUE [01]
BT1 Connective Tissue
BT2 Tissues
BT3 Body
RT Fat Cells
RT Fats

ADJOINT DIFFERENCE METHOD [01]
RT Neutron Transport Theory
RT One-Dimensional Calculations
RT Three-Dimensional Calculations
RT Two-Dimensional Calculations

ADJOINT FLUX [01]
BT1 Neutron Flux
BT2 Radiation Flux
RT Neutron Importance Function
RT Perturbation Theory

ADL PROCESS
DA March 1978
UF *Arthur D Little Coal Liquefaction Process*
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Arthur D. Little coal liquefaction process in which some hydrogen is added by the donor solvent and carbon is removed as coke. Process takes place at 80-100 psi and is similar to certain established petroleum refinery processes.

Administration
USE Management

ADOBE
DA February 1979
BT1 Building Materials
BT2 Materials
RT Bricks
RT Clays

ADOLESCENTS [01]
BT1 Man
BT2 Primates
BT3 Mammals
BT4 Vertebrates
BT5 Animals
RT Adults
RT Age Groups
RT Children
RT Education
RT Juveniles
RT Life Cycle

ADONE [01]
BT1 Storage Rings

ADP [01]
UF *Adenosine Diphosphate*
BT1 Nucleotides
BT2 Organic Compounds
RT Adenines

ADRENAL GLANDS [01]
UF *Cortex (Adrenal)*
BT1 Endocrine Glands
BT2 Glands
BT3 Organs
BT4 Body
RT ACTH
RT Adrenal Hormones
RT Adrenalectomy
RT Androgens

ADRENAL HORMONES [01]
BT1 Steroid Hormones
BT2 Hormones
NT1 Adrenaline
NT1 Corticosteroids
NT2 Glucocorticoids
NT3 Corticosterone
NT3 Cortisone
NT3 Dexamethasone
NT3 Hydrocortisone
NT3 Prednisolone
NT3 Prednisone
NT2 Mineralocorticoids
NT3 Aldosterone
NT3 DOCA
NT1 Noradrenaline
RT Adrenal Glands
RT Adrenalectomy
RT Androgens

ADRENALECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Adrenal Glands
RT Adrenal Hormones
RT Response Modifying Factors

ADRENALINE [01]
UF *Epinephrine*
BT1 Adrenal Hormones
BT2 Steroid Hormones
BT3 Hormones
BT1 Sympathomimetics
BT2 Drugs

Adrenocorticotropic Hormone
USE ACTH

ADRIATIC SEA
DA October 1975
BT1 Mediterranean Sea
BT2 Seas
BT3 Surface Waters
RT Albania
RT Italy
RT Yugoslavia

ADSORBENTS [01]
NT1 Activated Carbon
NT1 Bioadsorbents
NT1 Charcoal
NT1 Molecular Sieves
NT1 Silica Gel
RT Adsorption
RT Chemisorption
RT Diatomaceous Earth
RT Sorbent Recovery Systems

ADSORPTION [01]
BT1 Sorption
RT Activated Carbon
RT Adsorbents
RT Adsorption Heat
RT Adsorption Isotherms
RT Bioadsorbents
RT Chemisorption
RT Deposition
RT Desorption
RT Gettering
RT Hygroscopicity
RT Impregnation
RT Molecular Sieves
RT Separation Processes
RT Silica Gel
RT Sorptive Properties
RT Surface Properties
RT Surfaces
RT Van der Waals Forces

ADSORPTION HEAT [01]
UF *Heat of Adsorption*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Adsorption

ADSORPTION ISOTHERMS [01]
RT Adsorption

Adsorptive Properties
DA February 1975
USE Sorptive Properties

ADU
DA January 1976
USE Ammonium Uranates

ADULTS [01]
RT Adolescents
RT Age Groups
RT Animal Growth
RT Elderly People
RT Life Cycle
RT Man
RT Men
RT Metamorphosis
RT Reference Man
RT Reproduction
RT Women

Advanced Automotive Propulsion Systems
DA May 1979
USE AAPS

Advanced Gas Cooled Graphite Moderated Reactor
USE AGR Type Reactors

Advanced Reactivity Measurement Facility-1
USE ARMF-1 Reactor

Advanced Reactivity Measurement Facility-2
USE ARMF-2 Reactor

Advanced Test Idaho Reactor
USE ATR Reactor

Advanced Test Reactor Critical Facility
USE ATRC Reactor

Advanced Thermal Reactor Fugen
USE JATR Reactor

ADVECTION [01]
DA April 1976
BT1 Mass Transfer

ADVENTITIOUS BUD TECHNIQUE [01]
RT Mutants
RT Mutations
RT Plant Breeding
RT Vegetative Propagation

ADVERSARIES
DA July 1976
RT Intervenors
RT Motion Detection Systems
RT Nuclear Materials Diversion
RT Sabotage
RT Security
RT Theft
RT Vulnerability

ADVERTISING
DA March 1979
RT Communications
RT Consumer Products
RT Product Labeling

AE-6 REACTOR [01]
UF *WBNS Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

AECL (Atomic Energy of Canada Ltd.)
DA January 1975
UF *Atomic Energy of Canada LTD*
BT1 Canadian Organizations
RT Canada

Aedes
USE Mosquitoes

AEG NULLENERGIE REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

AEG-PR-10 REACTOR [01]
UF *AEG Pruefreaktor PR-10*
UF *Grosswelzheim PR-10 Reactor*
UF *PR-10 AEG Pruefreaktor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

AEG Pruefreaktor PR-10
USE AEG-PR-10 Reactor

AEGEAN SEA
DA June 1977
RT Mediterranean Sea

AEPR
USE Acoustic ESR

AERATION
DA September 1976
RT Air
RT Gases
RT Mixing

AERE [01]
UF *Atomic Energy Research Establishment*
BT1 UKAEA
BT2 United Kingdom Organizations
BT3 National Organizations

AERIAL MONITORING [01]
BT1 Monitoring
RT Accidents
RT Aerial Prospecting
RT Aerial Surveying
RT Aerosols
RT Air
RT Aircraft
RT Fallout
RT Radiation Monitoring
RT Radioactive Clouds

AERIAL PROSPECTING [01]
BT1 Prospecting
RT Aerial Monitoring
RT Aerial Surveying
RT Exploration
RT Radiometric Surveys

AERIAL SURVEYING
DA July 1977
RT Aerial Monitoring
RT Aerial Prospecting
RT Magnetic Surveys

AEROBACTER [01]
BT1 Bacteria
BT2 Microorganisms
RT Coliforms
RT Intestines
RT Soils

AEROBIC CONDITIONS
DA November 1975
RT Aerobic Digestion
RT Biodegradation

AEROBIC DIGESTION
DA October 1975
BT1 Digestion
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Aerobic Conditions
RT Synthetic Fuels

AERODYNAMICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
RT Aircraft
RT Airfoils
RT Compressible Flow
RT Gas Flow
RT Mach Number
RT Parachutes
RT Particle Resuspension
RT Reentry
RT Subsonic Flow
RT Supersonic Flow
RT Transonic Flow
RT Wind Tunnels

Aerojet-General Nuclear Industrial Reactor
USE AGNIR Reactor

AEROJET-GENERAL NUCLEONICS REACTORS [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
NT1 AGN-201 Reactor Series
NT2 AGN-201M-105 Reactor
NT2 AGN-201M-112 Reactor
NT2 AGN-201P-103 Reactor
NT2 AGN-201P-111 Reactor
NT2 AGN-201-100 Reactor
NT2 AGN-201-101 Reactor
NT2 AGN-201-102 Reactor
NT2 AGN-201-104 Reactor
NT2 AGN-201-106 Reactor
NT2 AGN-201-107 Reactor
NT2 AGN-201-108 Reactor
NT2 AGN-201-109 Reactor
NT2 AGN-201-110 Reactor
NT2 AGN-201-113 Reactor
NT2 AGN-201-114 Reactor
NT1 AGN-211 Reactor Series
NT2 AGN-211P-100 Reactor
NT2 AGN-211-101 Reactor
NT2 AGN-211-102 Reactor
NT2 AGN-211-103 Reactor
NT1 AGNIR Reactor

AEROMONAS
DA July 1979
BT1 Bacteria
BT2 Microorganisms

AEROSOL GENERATORS [01]
UF *Generators (Aerosol)*

RT Aerosols
RT Nozzles

AEROSOL MONITORING [01]
BT1 Monitoring
RT Aerosols
RT Air Pollution Monitors
RT Air Samplers
RT Cascade Impactors
RT Radiation Monitoring
RT Radioactive Aerosols

AEROSOL WASTES [01]
BT1 Wastes
NT1 Fly Ash
RT Aerosols
RT Waste Disposal

AEROSOLS [01]
UF *Fumes*
UF+ *Airborne Particulates*
BT1 Sols
BT2 Colloids
BT3 Dispersions
NT1 Radioactive Aerosols
NT1 Smokes
NT2 Tobacco Smokes
RT Aerial Monitoring
RT Aerosol Generators
RT Aerosol Monitoring
RT Aerosol Wastes
RT Air
RT Atomization
RT Condensation Nuclei
RT Droplets
RT Dusts
RT Fallout
RT Filters
RT Inhalation
RT Particle Resuspension
RT Particle Size
RT Particles
RT Radioactive Clouds
RT Respirators
RT Sedimentation
RT Smoke Detectors
RT Ventilation

AEROSPACE INDUSTRY
DA July 1977
BT1 Industry
RT Aircraft
RT Space

Aerospace System Test Reactor
USE ASTR Reactor

AESCHYNITE [01]
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds

AESR
USE Acoustic ESR

AESTHETICS
DA March 1978
UF *Esthetics*
RT Architecture
RT Behavior
RT Communities
RT Environmental Engineering
RT Environmental Impacts
RT Land Reclamation
RT Landscaping
RT Ornamental Plants
RT Pollution
RT Public Opinion
RT Recreational Areas
RT Social Impact
RT Sociology
RT Urban Areas

AESTIVATION
DA December 1978
RT Hibernation
RT Sleep
DEF The state of torpidity or dormancy induced by heat and dryness of summer.

AET [01]
UF *Aminoethylisothiuronium Bromide*
UF *Aminoethylthiopseudourea*
BT1 Amines
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Thioureas
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

AFFINITY [01]
UF *Electron Affinity*
RT Chemical Properties
RT Chemical Reactions
RT Electronegativity
RT Free Energy

AFFRI Reactor
USE AFRRI Reactor

AFGHANISTAN [01]
BT1 Asia

AFLATOXIN [01]
RT Aspergillus
RT Toxicity

AFR Storage
DA May 1979
USE Away-From-Reactor Storage

AFRICA [01]
NT1 Algeria
NT1 Angola
NT1 Botswana
NT1 Cameroon
NT1 Central African Republic
NT1 Chad
NT1 Congo Peoples Republic
NT2 Brazzaville
NT1 Egyptian Arab Republic
NT2 Suez Canal
NT1 Ethiopia
NT1 Gabon
NT1 Gambia
NT1 Ghana
NT1 Ivory Coast
NT1 Kenya
NT1 Lesotho
NT1 Liberia
NT1 Libya
NT1 Madagascar
NT1 Malawi
NT1 Mali
NT1 Mauritania
NT1 Morocco
NT1 Mozambique
NT1 Niger
NT1 Nigeria
NT1 Senegal
NT1 Sierra Leone
NT1 Somalia
NT1 South Africa
NT2 South West Africa
NT2 Transvaal
NT1 Southern Rhodesia
NT1 Sudan
NT1 Swaziland
NT1 Tanzania
NT1 Tunisia
NT1 Uganda
NT1 Upper Volta
NT1 Zaire Republic
NT2 Kinshasa
NT1 Zambia
RT Niger River

AFRRI REACTOR [01]
UF *AFFRI Reactor*
UF *Defense Atomic Support Agency TRIGA-Mk-F*
UF *TRIGA-F-DASA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

AFSR REACTOR [01]
UF *Argonne Fast Source Reactor*
UF *Fast Source Reactor AEC*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

AFTER-HEAT [01]
RT After-Heat Removal
RT Away-From-Reactor Storage
RT Reactor Shutdown
RT Residual Power
RT Spent Fuel Storage

AFTER-HEAT REMOVAL [01]
UF *Decay Heat Removal*
UF *Removal (After-Heat)*
BT1 Removal
RT After-Heat
RT RHR Systems

AFTERBURNERS
DA November 1975
UF *Automobile Exhaust Reactors*
UF *Vapor Incinerators*
BT1 Pollution Control Equipment
BT2 Equipment
RT Air Pollution
RT Automobiles
RT Combustion
RT Exhaust Gases
RT Industry
DEF Air pollution control devices for recombustion of gaseous effluents using a flame, spark ignition, or some other system to ignite the gases.

AFTERGLOW [01]
RT Electric Discharges

RT Phosphorescence

AFTERLOADING [01]
DA November 1976
BT1 Radiotherapy
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
BT2 Therapy

AFTERSHOCKS
DA June 1978
RT Earthquakes
RT Foreshocks
RT Microearthquakes
DEF An earthquake which follows a larger earthquake and originates at or near the focus of the larger earthquake.

AFUDC
DA November 1978
UF *Allowance for funds used during construction*
BT1 Accounting
BT2 Management
RT Construction
RT CWIP
RT Public Utilities
RT Regulations

AGAR [01]
BT1 Colloids
BT2 Dispersions
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

AGATA REACTOR [01]
DA April 1975
UF *Swierk Agata Reactor*
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

AGE DEPENDENCE [01]
RT Growth
RT Life Span
RT Menopause
RT Ripening

AGE ESTIMATION [01]
UF *Dating*
UF *Geochronology*
NT1 Isotope Dating
RT Archaeology
RT Fission Tracks
RT Fossils
RT Geologic Ages
RT Paleontology

AGE GROUPS [01]
NT1 Elderly People
RT Adolescents
RT Adults
RT Children
RT Fetuses
RT Infants
RT Larvae
RT Populations
RT Pupae

AGE HARDENING [01]
BT1 Hardening
RT Aging
RT Precipitation Hardening

Aged
DA February 1978
USE Elderly People

Agedoite
USE Asparagine

Agesta-R3 Reactor
USE Agesta Reactor

AGESTA REACTOR [01]
UF *Agesta-R3 Reactor*
UF *R-3/Adam Reactor*
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

AGGLOMERATING ASH PROCESS
DA January 1975
UF *Agglomerating Burner Gasification Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Utilizes self-agglomerating fluidized-bed coal burner in method for producting synthesis gas by steam gasification of coal.

Agglomerating Burner Gasification Process
DA September 1976
USE Agglomerating Ash Process

AGGLOMERATION
DA April 1975
UF *Aggregation*
RT Briquetting
RT Caking
RT Coalescence
RT Compacting
RT Crystallization
RT Particle Size
RT Pelletizing
RT Precipitation
RT Sintering

Agglutination
USE Antigen-Antibody Reactions

AGGLUTININS [01]
NT1 Hemagglutinins
NT2 Phytohemagglutinin
RT Antibodies

Aggregation
DA April 1978
USE Agglomeration

AGING [01]
(For biological aging use LIFE CYCLE or LIFE SPAN.)
NT1 Quench Aging
NT1 Strain Aging
RT Age Hardening
RT Heat Treatments
RT Weathering

AGIP NUCLEARE [01]
BT1 Italian Organizations
BT2 National Organizations

AGN-201M-105 REACTOR [01]
UF *AGN-201-M-105 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-M-105 Reactor
USE AGN-201M-105 Reactor

AGN-201M-112 REACTOR [01]
UF *AGN-201-M-112 Reactor*
UF *California University AGN-201 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-M-112 Reactor
USE AGN-201M-112 Reactor

AGN-201P Reactor
USE AGN-201P-111 Reactor

AGN-201P-103 REACTOR [01]
UF *AGN-201-P-103 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-P-103 Reactor
USE AGN-201P-103 Reactor

AGN-201P-111 REACTOR [01]
UF *AGN-201P Reactor*
UF *AGN-201-P-111 Reactor*
UF *Aladin Reactor*
UF *Geneva Aladin Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-P-111 Reactor
USE AGN-201P-111 Reactor

AGN-211P Reactor
USE AGN-211P-100 Reactor

AGN-211P-100 REACTOR [01]
UF *AGN-211P Reactor*
UF *Basel University AGN-211 Reactor*
BT1 AGN-211 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors

AGN-201 Reactor
USE AGN-201-110 Reactor

AGN-201-100 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-101 REACTOR [01]
UF *Catholic University of America AGN-Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-102 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-104 REACTOR [01]
UF *Akron University AGN-201 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-106 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-107 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-108 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-109 REACTOR [01]
UF *Colorado State University AGN-201 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-110 REACTOR [01]
UF *AGN-201 Reactor*
UF *Constanza Reactor*
UF *Palermo Constanza Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-113 REACTOR [01]
UF *Delaware University AGN-201 Reactor*
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-201-114 REACTOR [01]
BT1 AGN-201 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

AGN-211-101 REACTOR [01]
BT1 AGN-211 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors

BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors

AGN-211-102 REACTOR [01]
BT1 AGN-211 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors

AGN-211-103 REACTOR [01]
BT1 AGN-211 Reactor Series
BT2 Aerojet-General Nucleonics Reactors
BT3 Enriched Uranium Reactors
BT4 Reactors
BT3 Research Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT3 Solid Homogeneous Reactors
BT4 Homogeneous Reactors
BT5 Reactors
BT3 Thermal Reactors
BT4 Reactors
BT3 Training Reactors
BT4 Research and Test Reactors
BT5 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors

AGN-201 REACTOR SERIES [01]
BT1 Aerojet-General Nucleonics Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT2 Training Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
NT1 AGN-201M-105 Reactor
NT1 AGN-201M-112 Reactor
NT1 AGN-201P-103 Reactor
NT1 AGN-201P-111 Reactor
NT1 AGN-201-100 Reactor
NT1 AGN-201-101 Reactor
NT1 AGN-201-102 Reactor
NT1 AGN-201-104 Reactor
NT1 AGN-201-106 Reactor
NT1 AGN-201-107 Reactor
NT1 AGN-201-108 Reactor
NT1 AGN-201-109 Reactor
NT1 AGN-201-110 Reactor
NT1 AGN-201-113 Reactor
NT1 AGN-201-114 Reactor

AGN-211 REACTOR SERIES [01]
BT1 Aerojet-General Nucleonics Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT2 Training Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
NT1 AGN-211P-100 Reactor
NT1 AGN-211-101 Reactor
NT1 AGN-211-102 Reactor
NT1 AGN-211-103 Reactor

AGNIR REACTOR [01]
UF *Aerojet-General Nuclear Industrial Reactor*
BT1 Aerojet-General Nucleonics Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT2 Training Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

AGR Reactor (Windscale)
USE WAGR Reactor

AGR TYPE REACTORS [01]
DA May 1975
UF *Advanced Gas Cooled Graphite Moderated Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
NT1 Connah Quay-B Reactor
NT1 Dungeness-B Reactor
NT1 Hartlepool Reactor
NT1 Heysham-A Reactor
NT1 Heysham-B Reactor
NT1 Hinkley Point-B Reactor
NT1 Hunterston-B Reactor
NT1 Sizewell-B Reactor
NT1 WAGR Reactor
RT Carbon Dioxide Cooled Reactors
RT Power Reactors

AGREEMENTS [01]
UF *Conventions*
NT1 International Agreements
NT2 Atomic Energy Agreements
NT2 BCOCLMCNM
NT2 BCOLONS
NT2 BCSTPC
NT2 Bilateral Agreements
NT2 IAEA Agreements
NT2 Multilateral Agreements
NT2 PCOTPL
NT2 SOLAS Convention
NT2 VCOCLND
RT Contracts
RT Delivery
RT Grants
RT Recommendations
RT Regulations

Agricultural Information System
DA June 1975
USE AGRIS

AGRICULTURAL WASTES
DA October 1975
UF *Stover*
UF+ *Corn Stover*
BT1 Solid Wastes
BT2 Wastes
NT1 Bagasse
NT1 Manures
RT Organic Wastes
RT Plants
RT Straw

AGRICULTURE [01]
RT Animal Breeding
RT Biomass Plantations
RT Crops
RT Cultivation
RT Cultivation Techniques
RT Domestic Animals
RT Ecosystems
RT FAO
RT Farms
RT Fertilizer Industry
RT Fertilizers
RT Food
RT Gardening
RT Grain Disinfestation
RT Greenhouses
RT Hydroponic Culture
RT Irrigation
RT Pest Control
RT Pesticides
RT Plants
RT Soil Chemistry
RT Soil Conservation
RT Soils
RT Sterile Insect Release
RT Sterile Male Technique

AGRIS [01]
DA June 1975
UF *Agricultural Information System*
BT1 Information Systems
RT FAO

AGUIRRE REACTOR [01]
(Relocated and renamed North Coast-1 Reactor)
DA August 1976
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
RT North Coast-1 Reactor

Aguirre-1 Reactor
DA April 1975
USE North Coast-1 Reactor

A2H-1320 RESONANCES [01]
BT1 A Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons

BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

AHCF REACTOR [01]
UF *Aqueous Homogenous Critical Facility*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

AHFR Reactor
USE CP-6 Reactor

AHR REACTOR [01]
UF *Tokai-Mura Critical Facility*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

AHUACHAPAN GEOTHERMAL FIELD
DA January 1977
BT1 Geothermal Fields
RT El Salvador

AI AQUEOUS CARBONATE PROCESS
DA May 1977
UF *Aqueous Carbonate Process*
UF *Atomics International Aqueous Carbonate Process*
RT Desulfurization
RT Waste Processing
DEF Process utilizing aqueous sodium carbonate solution to sorb sulfur dioxide from power plant flue gas. Unique design features use of a spray dryer as an SO_2 scrubber producing a product suitable for regeneration and complete reduction of the sodium salts in a molten pool.

AI-L-77 REACTOR [01]
UF *Atomics International L-77 Reactor*
UF *L-77 Atomics International Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

AIPFR REACTOR [01]
UF *Atomics International Prototype Fast Reactor*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

AIR [01]
BT1 Gases
BT2 Fluids
NT1 Compressed Air
NT1 Surface Air
RT Aeration
RT Aerial Monitoring
RT Aerosols
RT Air Conditioning
RT Air Curtains
RT Air Infiltration
RT Aircraft
RT Breath
RT Earth Atmosphere
RT Environmental Materials
RT Fallout
RT Fuel-Air Ratio
RT Inhalation
RT Nitrogen Fixation
RT Radioactive Clouds
RT Respiration
RT Respirators
RT Respiratory System
RT Troposphere
RT Ventilation
RT Wind

AIR CLEANING [01]
UF *Air Purification*
BT1 Cleaning
RT Air Cleaning Systems
RT Air Conditioning
RT Air Filters
RT Electrostatic Precipitators

AIR CLEANING SYSTEMS
DA August 1975
BT1 Engineered Safety Systems
RT Air Cleaning
RT Air Conditioning
RT Air Filters
RT Electrostatic Precipitators
RT Off-Gas Systems
RT Pollution Control Equipment
RT Ventilation
RT Ventilation Systems

AIR CONDITIONERS
DA February 1975
BT1 Electric Appliances
BT2 Appliances
NT1 Solar Air Conditioners
NT2 Solar-Assisted Heat Pumps
RT Absorption Refrigeration Cycle
RT Air Conditioning
RT Coefficient of Performance
RT Refrigerating Machinery
RT Vapor Compression Refrigeration Cycle

AIR CONDITIONING [01]
NT1 Geothermal Air Conditioning
NT1 Solar Air Conditioning
RT Air
RT Air Cleaning
RT Air Cleaning Systems
RT Air Conditioners
RT Air Source Heat Pumps
RT Annual Cycle Energy System
RT Cooling
RT Cooling Load
RT Degree Days
RT Environmental Engineering
RT Heating
RT Heating Load
RT Humidity Control
RT Radiative Cooling
RT Temperature Control
RT Thermal Insulation
RT Ventilation
RT Ventilation Systems
RT Water Source Heat Pumps
RT Working Conditions

AIR COOLED REACTORS [01]
DA May 1975
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 AFSR Reactor
NT1 BEPO Reactor
NT1 BGRR Reactor
NT1 BR-1 Reactor
NT1 G-1 Reactor
NT1 Gleep Reactor
NT1 Harmonie Reactor
NT1 HPRR Reactor
NT1 Kalpakkam PFR Reactor
NT1 Masurca Reactor
NT1 SNEAK Reactor
NT1 STF Reactor
NT1 Tory-2A Reactor
NT1 Tory-2C Reactor
NT1 TREAT Reactor
NT1 Windscale Production Reactors
NT1 X-10 Reactor
NT1 XMA-1 Reactor
NT1 ZED-2 Reactor

AIR CURTAINS
DA May 1979
RT Air
RT Air Infiltration
RT Buildings
RT Doors
RT Gas Flow

AIR CUSHION VEHICLES
DA August 1977
UF *Ground-Effect Machines*
UF *Hovercraft*
UF *Surface-Effect Machines*
BT1 Vehicles

AIR FILTERS [01]
BT1 Filters
BT1 Pollution Control Equipment
BT2 Equipment
RT Air Cleaning
RT Air Cleaning Systems
RT Air Pollution Monitors

Air-Fuel Ratio
DA July 1976
USE Fuel-Air Ratio

AIR HEATERS
DA June 1975
UF *Air Preheaters*
BT1 Heaters
RT Heat
RT Heating
RT Solar Air Heaters

AIR INFILTRATION
DA February 1979
RT Air
RT Air Curtains
RT Buildings
RT Caulking
RT Energy Conservation

RT Weatherstripping
DEF Airflow into an enclosed space, e.g., buildings.

AIR POLLUTION [01]
UF+ *Thermal Pollution (Air)*
BT1 Pollution
NT1 Indoor Air Pollution
RT Acid Rain
RT Afterburners
RT Air Pollution Abatement
RT Air Pollution Control
RT Air Quality
RT Atmospheric Chemistry
RT Catalytic Converters
RT Clean Air Act
RT Environmental Effects
RT Exhaust Recirculation Systems
RT Federal Test Procedure
RT Fly Ash
RT Particle Resuspension
RT Plumes
RT Point Pollutant Sources
RT Scrubbers
RT Smog
RT Soot
RT Stationary Pollutant Sources

AIR POLLUTION ABATEMENT
DA June 1976
BT1 Pollution Abatement
RT Air Pollution
RT Air Pollution Control
RT Catalytic Combustors
RT Desulfurization
RT Pollution Control Equipment
RT Prevention of Significant Deterioration
RT Scrubbers

AIR POLLUTION CONTROL
(Use this term for items that involve the removal or management of pollutants after they are formed by a source.)
DA March 1977
BT1 Pollution Control
RT Air Pollution
RT Air Pollution Abatement
RT Baghouses
RT Catalytic Combustors

AIR POLLUTION MONITORS
DA July 1976
UF *Monitors (Air Pollution)*
NT1 Air Samplers
RT Aerosol Monitoring
RT Air Filters
RT Cascade Impactors
RT Electrostatic Precipitators

Air Preheaters
DA June 1975
USE Air Heaters

Air Purification
USE Air Cleaning

AIR QUALITY
DA January 1976
RT Air Pollution
RT Clean Air Act
RT Prevention of Significant Deterioration

AIR SAMPLERS [01]
BT1 Air Pollution Monitors
BT1 Samplers
BT2 Laboratory Equipment
RT Aerosol Monitoring
RT Cascade Impactors

AIR SOURCE HEAT PUMPS
DA July 1979
BT1 Heat Pumps
BT2 Heat Exchangers
RT Air Conditioning
RT Pumps
RT Space Heating

AIR TRANSPORT [01]
DA March 1978
BT1 Transport
NT1 Supersonic Transport
RT Aircraft

Air Wall Ionization Chambers
USE Bragg Gray Chambers

Airborne Particulates
USE Aerosols
AND Particles

AIRCRAFT [01]
RT Aerial Monitoring
RT Aerodynamics
RT Aerospace Industry
RT Air
RT Air Transport
RT Aircraft Components
RT Airfoils
RT Airports
RT Balloons
RT Navigational Instruments
RT Supersonic Transport

Aircraft Accidents
USE Accidents

AIRCRAFT COMPONENTS
DA August 1976
RT Aircraft

Aircraft Fuels
DA January 1975
USE Aviation Fuels

AIRCRAFT PROPULSION REACTORS [01]
BT1 Propulsion Reactors
BT2 Reactors
NT1 XMA-1 Reactor

Aircraft Shield Test Reactor
USE ASTR Reactor

AIRFOILS
DA August 1975
RT Aerodynamics
RT Aircraft

AIRGLOW [01]
UF *Dayglow*
UF *Nightglow*
RT Aurorae
RT Earth Atmosphere
RT Noctilucent Clouds

AIRPORTS
DA November 1975
RT Aircraft
RT Transportation Systems

AIRTIGHTNESS
DA February 1979
RT Buildings
RT Space Heating
RT Ventilation

AIRY FUNCTIONS [01]
BT1 Functions
RT Differential Equations

Ajman
DA August 1976
USE United Arab Emirates

AKM Muehleberg Reactor
USE Muehleberg Reactor

AKM Reactor
USE Muehleberg Reactor

Akron University AGN-201 Reactor
USE AGN-201-104 Reactor

A2L-1280 RESONANCES [01]
BT1 A Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

ALABAMA [01]
BT1 Southeast Region
BT1 USA
BT2 North America
RT Chattahoochee River
RT Chattanooga Formation
RT Tennessee River

Aladin Reactor
USE AGN-201P-111 Reactor

ALAMOSITE [01]
BT1 Lead Silicates
BT2 Lead Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds

ALANINE-ALPHA [01]
UF *Aminopropionic Acid-alpha*
BT1 Alanines
BT2 Amino Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
NT1 Alanine-L

ALANINE-BETA [01]
UF *Aminopropionic Acid-beta*
BT1 Alanines
BT2 Amino Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
RT Pantothenic Acid

ALANINE-L [01]
UF *L-Alanine*
UF *L-Alanine-alpha*
BT1 Alanine-Alpha
BT2 Alanines
BT3 Amino Acids
BT4 Carboxylic Acids
BT5 Organic Acids
BT6 Organic Compounds

ALANINES [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
NT1 Alanine-Alpha
NT2 Alanine-L
NT1 Alanine-Beta

Alarm Dosemeters
USE Radiation Monitors

ALARM SYSTEMS [01]
NT1 Motion Detection Systems
RT Radiation Monitoring
RT Radiation Monitors
RT Reactor Components
RT Safety Engineering

ALASKA [01]
BT1 Pacific Northwest Region
BT1 USA
BT2 North America
RT Aleutian Islands
RT Amchitka Island Area
RT Prudhoe Bay
RT Yukon River

ALASKA GAS PIPELINE
DA November 1976
BT1 Pipelines
RT Natural Gas

ALASKA OIL PIPELINE
DA November 1976
UF *Transalaska Pipeline*
BT1 Pipelines
RT Petroleum

ALBANIA [01]
BT1 Europe
RT Adriatic Sea

RT Alps

ALBEDO [01]
RT Neutron Transport Theory
RT Reflection

ALBEDO-NEUTRON DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
RT Backscattering
RT Neutron Dosimetry
RT Personnel Monitoring

ALBERTA [01]
BT1 Canada
BT2 North America
NT1 Beaverlodge
RT Athabasca Deposit
RT Athabasca Lake
RT Cold Lake Deposit
RT Peace River
RT Peace River Deposit
RT Wabasca Deposit

ALBITE
DA November 1976
BT1 Feldspars
BT2 Minerals
DEF A sodium aluminum silicate mineral; feldspar used as glaze in ceramics; $NaAlSi_3O_8$.

Albumen
USE Albumins

ALBUMINS [01]
UF *Albumen*
UF+ *Risa*
BT1 Proteins
BT2 Organic Compounds
NT1 Luciferin
RT Albuminuria
RT Polyamides

ALBUMINURIA [01]
RT Albumins

ALCATOR DEVICE [01]
UF *Massachusetts Institute of Technology Alcator*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

ALCOHOL FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

ALCOHOL FUELS
(Use of this term is restricted to policy and feasibility studies. For properties of the individual alcohols as fuels see the specific terms.)
DA November 1978
BT1 Synthetic Fuels
BT2 Fuels
RT Alcohols

Alcoholates
USE Alcohols

ALCOHOLS [01]
UF *Alcoholates*
UF *Alkylates*
UF+ *Amino Alcohols*
UF+ *Methyl-Fuel*
BT1 Hydroxy Compounds
BT2 Organic Compounds
NT1 Batyl Alcohol
NT1 Benzhydrol
NT1 Butanols
NT1 Choline
NT1 Cyclohexanol
NT1 Decanols
NT1 Enols
NT1 Erythritol
NT1 Ethanol
NT1 Geraniol
NT1 Glycerol
NT1 Glycols
NT2 Benzopinacol
NT2 2-3-butanediol
NT2 Carbitols
NT2 Cellosolves
NT2 EGTA
NT2 Pinacol
NT1 Hexanols
NT1 Methanol
NT1 2-Methylpropanol
NT1 Metronidazole
NT1 Octanols
NT1 Pentanols
NT1 Propanols
NT1 PVA
RT Alcohol Fuels
RT Gasohol

ALDEHYDES [01]
UF+ *Aldehydo Acids*
BT1 Organic Compounds
NT1 Acetaldehyde
NT1 Acrolein
NT1 Aldosterone
NT1 Arabinose
NT1 Benzaldehyde
NT1 Chloral
NT1 Deoxyribose
NT1 Formaldehyde
NT1 Furfural
NT1 Galactose
NT1 Galacturonic Acid
NT1 Glucose
NT1 Glucuronic Acid
NT1 Glyoxal
NT1 Glyoxylic Acid
NT1 Mannose
NT1 Pyridoxal
NT1 Ribose
NT1 Xylose
RT Hydrazones
RT Imines
RT Oximes
RT Semicarbazones

Aldehydo Acids
USE Aldehydes
AND Carboxylic Acids

ALDER-WINTER THEORY [01]
RT Angular Distribution

Aldermaston Reactor Merlin
USE Merlin Reactor

ALDOLASES [01]
BT1 Lyases
BT2 Enzymes

ALDOSTERONE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Mineralocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds
RT Tubules

ALDRIN [01]
DA August 1976
BT1 Chlorinated Aromatic Hydrocarbons
BT2 Halogenated Aromatic Hydrocarbons
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT1 Insecticides
BT2 Pesticides

ALECTO REACTOR [01]
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

ALEUTIAN ISLANDS [01]
BT1 Islands
NT1 Amchitka Island Area
RT Alaska
RT Bering Sea
RT Nuclear Explosions
RT Pacific Ocean

ALFALFA [01]
BT1 Leguminosae
BT2 Plants

ALFVEN WAVES [01]
BT1 Hydromagnetic Waves
RT Plasma Waves

ALGAE [01]
BT1 Plants
NT1 Acetabularia
NT1 Diatoms
NT1 Fucus
NT1 Laminaria
NT1 Lichens
NT1 Nitella
NT1 Porphyra
NT1 Ulva
NT1 Unicellular Algae
NT2 Chlamydomonas
NT2 Chlorella
NT2 Euglena
NT2 Scenedesmus
RT Biological Fouling
RT Biomass Plantations
RT Eutrophication
RT Phytoplankton

ALGEBRA [01]
BT1 Mathematics
RT Cobordism Theory
RT Graded Lie Groups

ALGEBRAIC CURRENTS [01]
UF *Currents (Algebraic)*
BT1 Currents
NT1 Axial-Vector Currents
NT1 Charged Currents
NT2 Weak Charged Currents
NT1 Neutral Currents
NT2 Weak Neutral Currents
NT1 Second-Class Currents
NT1 Vector Currents
RT Current Algebra
RT Current Commutators
RT Current Divergences

ALGEBRAIC FIELD THEORY [01]
DA March 1978
UF *Haag-Araki Field Theory*
BT1 Axiomatic Field Theory
BT2 Quantum Field Theory
BT3 Field Theories

ALGERIA [01]
BT1 Africa
RT OPEC

ALGINATES [01]
RT Laminaria

ALGINIC ACID [01]
BT1 Colloids
BT2 Dispersions
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Carboxylic Acids

ALGOL [01]
BT1 Programming Languages

ALGORITHMS [01]
BT1 Mathematical Logic
RT Computer Codes
RT Mathematics

ALICE [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

ALICE CYCLOTRON [01]
UF *Orsay Alice Cyclotron*
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

ALIGNED COUPLING SCHEME [01]
UF *Stretch Model*
RT Deformed Nuclei
RT Particle-Hole Model
RT Projection Operators
RT Shell Models
RT Slater Method

ALIGNMENT [01]
(Not for NUCLEAR ALIGNMENT.)
RT Beam Optics

ALIZARIN [01]
UF *Anthraquinonic Acid*
UF *1,2-Dihydroxyanthraquinone*
BT1 Anthraquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Dyes
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Reagents

ALIZE REACTOR [01]
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ALKALI METAL COMPLEXES [01]
BT1 Complexes
NT1 Cesium Complexes
NT1 Francium Complexes
NT1 Potassium Complexes
NT1 Rubidium Complexes
NT1 Sodium Complexes

ALKALI METAL COMPOUNDS [01]
*NT1 Cesium Compounds
*NT1 Francium Compounds
*NT1 Lithium Compounds
*NT1 Potassium Compounds
*NT1 Rubidium Compounds
*NT1 Sodium Compounds

ALKALI METAL ISOTOPES
DA October 1976
BT1 Isotopes
NT1 Cesium Isotopes
NT2 Cesium 114
NT2 Cesium 115
NT2 Cesium 116
NT2 Cesium 117
NT2 Cesium 118
NT2 Cesium 119
NT2 Cesium 120
NT2 Cesium 121
NT2 Cesium 122
NT2 Cesium 123
NT2 Cesium 124
NT2 Cesium 125
NT2 Cesium 126
NT2 Cesium 127
NT2 Cesium 128
NT2 Cesium 129
NT2 Cesium 130
NT2 Cesium 131
NT2 Cesium 132
NT2 Cesium 133
NT2 Cesium 134
NT2 Cesium 135
NT2 Cesium 136
NT2 Cesium 137
NT2 Cesium 138
NT2 Cesium 139
NT2 Cesium 140
NT2 Cesium 141
NT2 Cesium 142
NT2 Cesium 143
NT2 Cesium 144
NT2 Cesium 145
NT2 Cesium 146
NT2 Cesium 147
NT2 Cesium 148
NT1 Francium Isotopes
NT2 Francium 203
NT2 Francium 204
NT2 Francium 205
NT2 Francium 206
NT2 Francium 207
NT2 Francium 208
NT2 Francium 209
NT2 Francium 210
NT2 Francium 211
NT2 Francium 212
NT2 Francium 213
NT2 Francium 214
NT2 Francium 215
NT2 Francium 216
NT2 Francium 217
NT2 Francium 218
NT2 Francium 219
NT2 Francium 220
NT2 Francium 221
NT2 Francium 222
NT2 Francium 223
NT2 Francium 224
NT2 Francium 225
NT2 Francium 226
NT2 Francium 227
NT2 Francium 228
NT2 Francium 229
NT1 Lithium Isotopes
NT2 Lithium 3
NT2 Lithium 4
NT2 Lithium 5
NT2 Lithium 6
NT2 Lithium 7
NT2 Lithium 8
NT2 Lithium 9
NT2 Lithium 10
NT2 Lithium 11
NT2 Lithium 12
NT2 Lithium 13
NT1 Potassium Isotopes
NT2 Potassium 35
NT2 Potassium 36
NT2 Potassium 37
NT2 Potassium 38
NT2 Potassium 39
NT2 Potassium 40
NT2 Potassium 41
NT2 Potassium 42
NT2 Potassium 43
NT2 Potassium 44
NT2 Potassium 45
NT2 Potassium 46
NT2 Potassium 47
NT2 Potassium 48
NT2 Potassium 49
NT2 Potassium 50
NT1 Rubidium Isotopes
NT2 Rubidium 74
NT2 Rubidium 75
NT2 Rubidium 76
NT2 Rubidium 77
NT2 Rubidium 78
NT2 Rubidium 79
NT2 Rubidium 80
NT2 Rubidium 81
NT2 Rubidium 82
NT2 Rubidium 83
NT2 Rubidium 84
NT2 Rubidium 85
NT2 Rubidium 86
NT2 Rubidium 87
NT2 Rubidium 88
NT2 Rubidium 89
NT2 Rubidium 90
NT2 Rubidium 91
NT2 Rubidium 92
NT2 Rubidium 93
NT2 Rubidium 94
NT2 Rubidium 95
NT2 Rubidium 96
NT2 Rubidium 97
NT2 Rubidium 98
NT2 Rubidium 99
NT2 Rubidium 100
NT2 Rubidium 101
NT2 Rubidium 102
NT1 Sodium Isotopes
NT2 Sodium 19
NT2 Sodium 20
NT2 Sodium 21
NT2 Sodium 22
NT2 Sodium 23
NT2 Sodium 24
NT2 Sodium 25
NT2 Sodium 26
NT2 Sodium 27
NT2 Sodium 28
NT2 Sodium 29
NT2 Sodium 30
NT2 Sodium 31
NT2 Sodium 32
NT2 Sodium 33

ALKALI METALS [01]
BT1 Metals
BT2 Elements
NT1 Cesium
NT1 Francium
NT1 Lithium
NT1 Potassium
NT1 Rubidium
NT1 Sodium

ALKALINE EARTH ISOTOPES
DA October 1976
BT1 Isotopes
NT1 Barium Isotopes
NT2 Barium 117
NT2 Barium 119
NT2 Barium 120
NT2 Barium 121
NT2 Barium 122
NT2 Barium 123
NT2 Barium 124
NT2 Barium 125
NT2 Barium 126
NT2 Barium 127
NT2 Barium 128
NT2 Barium 129
NT2 Barium 130
NT2 Barium 131
NT2 Barium 132
NT2 Barium 133
NT2 Barium 134
NT2 Barium 135
NT2 Barium 136
NT2 Barium 137
NT2 Barium 138
NT2 Barium 139
NT2 Barium 140
NT2 Barium 141
NT2 Barium 142
NT2 Barium 143
NT2 Barium 144

NT2 Barium 145
NT2 Barium 146
NT2 Barium 147
NT2 Barium 148
NT2 Barium 149
NT1 Beryllium Isotopes
NT2 Beryllium 5
NT2 Beryllium 6
NT2 Beryllium 7
NT2 Beryllium 8
NT2 Beryllium 9
NT2 Beryllium 10
NT2 Beryllium 11
NT2 Beryllium 12
NT2 Beryllium 13
NT2 Beryllium 14
NT1 Calcium Isotopes
NT2 Calcium 35
NT2 Calcium 36
NT2 Calcium 37
NT2 Calcium 38
NT2 Calcium 39
NT2 Calcium 40
NT2 Calcium 41
NT2 Calcium 42
NT2 Calcium 43
NT2 Calcium 44
NT2 Calcium 45
NT2 Calcium 46
NT2 Calcium 47
NT2 Calcium 48
NT2 Calcium 49
NT2 Calcium 50
NT2 Calcium 52
NT1 Magnesium Isotopes
NT2 Magnesium 20
NT2 Magnesium 21
NT2 Magnesium 22
NT2 Magnesium 23
NT2 Magnesium 24
NT2 Magnesium 25
NT2 Magnesium 26
NT2 Magnesium 27
NT2 Magnesium 28
NT2 Magnesium 29
NT2 Magnesium 30
NT2 Magnesium 31
NT2 Magnesium 32
NT1 Radium Isotopes
NT2 Radium 206
NT2 Radium 207
NT2 Radium 208
NT2 Radium 209
NT2 Radium 210
NT2 Radium 211
NT2 Radium 212
NT2 Radium 213
NT2 Radium 214
NT2 Radium 215
NT2 Radium 216
NT2 Radium 217
NT2 Radium 218
NT2 Radium 219
NT2 Radium 220
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NT2 Radium 225
NT2 Radium 226
NT2 Radium 227
NT2 Radium 228
NT2 Radium 229
NT2 Radium 230
NT2 Radium 231
NT2 Radium 232
NT2 Radium 233
NT2 Radium 234
NT1 Strontium Isotopes
NT2 Strontium 77
NT2 Strontium 78
NT2 Strontium 79
NT2 Strontium 80
NT2 Strontium 81
NT2 Strontium 82
NT2 Strontium 83
NT2 Strontium 84
NT2 Strontium 85
NT2 Strontium 86
NT2 Strontium 87
NT2 Strontium 88
NT2 Strontium 89
NT2 Strontium 90
NT2 Strontium 91
NT2 Strontium 92
NT2 Strontium 93
NT2 Strontium 94
NT2 Strontium 95
NT2 Strontium 96
NT2 Strontium 97
NT2 Strontium 98
NT2 Strontium 99
NT2 Strontium 100

ALKALINE EARTH METAL COMPLEXES [01]
BT1 Complexes
NT1 Barium Complexes
NT1 Beryllium Complexes
NT1 Calcium Complexes
NT1 Magnesium Complexes
NT1 Radium Complexes
NT1 Strontium Complexes

ALKALINE EARTH METAL COMPOUNDS [01]
*NT1 Barium Compounds
*NT1 Beryllium Compounds
*NT1 Calcium Compounds
*NT1 Magnesium Compounds
*NT1 Radium Compounds
*NT1 Strontium Compounds

ALKALINE EARTH METALS [01]
BT1 Metals
BT2 Elements
NT1 Barium
NT1 Beryllium
NT2 Beryllium-Alpha
NT2 Beryllium-Beta
NT1 Calcium
NT1 Magnesium
NT1 Radium
NT1 Strontium

ALKALINE PHOSPHATASE [01]
BT1 Phosphatases
BT2 Esterases
BT3 Hydrolases
BT4 Enzymes

Alkalis
DA June 1979
USE Hydroxides

ALKALIZED ALUMINA PROCESS
DA December 1977
RT Desulfurization
RT Waste Processing
DEF SOx is adsorbed on alkalized alumina, the spent adsorbent regenerated at 1200°F with producer gas.

ALKALOIDS [01]
BT1 Organic Compounds
NT1 Atropine
NT1 Cinchonine
NT1 Cocaine
NT1 Codeine
NT1 Codeinone
NT1 Colchicine
NT1 Ephedrine
NT1 Ergotamine
NT1 Eserine
NT1 Heroin
NT1 Hyoscyamine
NT1 Lysergic Acid
NT1 Morphine
NT1 Nicotine
NT1 Oncovin
NT1 Pilocarpine
NT1 Quinine
NT1 Reserpine
NT1 Strychnine
NT1 Thebaine
NT1 Vinblastine
RT Leukocytin
RT Medicinal Plants
RT Plants

ALKANES [01]
UF *Paraffins*
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Butane
NT1 Cycloalkanes
NT2 Adamantane
NT2 Condensed Cycloalkanes
NT2 Cyclohexane
NT2 Decalin
NT2 Quadricyclene
NT1 Decane
NT1 2-2-Dimethylpropane
NT1 Dodecane
NT1 Ethane
NT1 Heptane
NT1 Hexadecane
NT1 Hexane
NT1 Methane
NT1 2-Methylpropane
NT1 Octane
NT1 Paraffin
NT1 Pentane
NT1 Propane
NT1 Squalane

Alkanoic Acids
USE Carboxylic Acids

ALKAZID PROCESS
DA January 1975
RT Desulfurization
DEF Process for the selective absorption of H_2S and for the simultaneous removal of H_2S and CO_2 at atmospheric or higher pressures.

ALKENES [01]
UF *Olefins*
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Butenes
NT1 Cycloalkenes
NT2 Camphene
NT2 Cyclopentadiene
NT2 Norbornadiene
NT1 Ethylene
NT1 Heptenes
NT1 Hexenes
NT1 2-Methylpropene
NT1 Octenes
NT1 Pentenes
NT1 Propylene
RT Polyenes

Alkenoic Acids
USE Carboxylic Acids

Alkines
USE Alkynes

ALKOXY RADICALS [01]
BT1 Radicals
NT1 Butoxy Radicals
NT1 Ethoxy Radicals
NT1 Methoxy Radicals

Alkyl Benzenesulfonates
USE ABS

ALKYL RADICALS [01]
BT1 Radicals
NT1 Allyl Radicals
NT1 Butyl Radicals
NT1 Dodecyl Radicals
NT1 Ethyl Radicals
NT1 Heptyl Radicals
NT1 Hexyl Radicals
NT1 Isobutyl Radicals
NT1 Isopropyl Radicals
NT1 Methyl Radicals
NT1 Nonyl Radicals
NT1 Octyl Radicals
NT1 Pentyl Radicals
NT1 Propargyl Radicals
NT1 Propyl Radicals

NT1 Tridecyl Radicals
NT1 Vinyl Radicals
RT Alkylation

Alkylates
USE Alcohols

ALKYLATING AGENTS [01]
UF *Mannomustine*
UF *TEM*
UF *Tretamine*
UF *Triethylenemelamine*
BT1 Antimitotic Drugs
BT2 Drugs
NT1 Endoxan
NT1 Myleran
NT1 Nitrogen Mustard
RT Alkylation
RT Antimetabolites
RT Chemosterilants

ALKYLATION [01]
BT1 Chemical Reactions
RT Alkyl Radicals
RT Alkylating Agents

Alkylmagnesium Compounds
USE Grignard Reagents

ALKYNES [01]
UF *Acetylenes*
UF *Alkines*
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Acetylene
NT1 Propyne

ALLANITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
NT1 Orthite

ALLANTOIN [01]
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
RT Urea

ALLEGHENY RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT New York
RT Pennsylvania

ALLENE [01]
UF *Propadiene*
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds

ALLENS CREEK-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ALLENS CREEK-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ALLERGY [01]
BT1 Pathological Changes
BT2 Diseases
RT Anaphylaxis
RT Antihistaminics
RT Eczema
RT Histamine
RT Immunity

ALLIGATORS
DA March 1977
BT1 Reptiles
BT2 Vertebrates
BT3 Animals

ALLIUM CEPA [01]
BT1 Plants
RT Onions

ALLOCATIONS
DA February 1975
UF *Assignments*
UF *Curtailments*
UF *Rationing*
RT Budgets
RT Distribution
RT Economic Policy
RT Energy Policy
RT Entitlements Program
RT Management
RT Planning

ALLOTROPY [01]
(See also specific allotropic forms such as HELIUM I, IRON-ALPHA, and URANIUM-BETA.)
RT Crystal Structure
RT Phase Diagrams
RT Phase Transformations

Allowance for funds used during construction
DA November 1978
USE AFUDC

ALLOXAN [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

Alloy 800
DA September 1978
USE Incoloy 800

ALLOY-1915 [01]
DA May 1979
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Magnesium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Zinc Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-A-286 [01]
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY-B-66
DA January 1975
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-B-88
DA January 1975
BT1 Hafnium Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-B-1900 [01]
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY-C-103 [01]
DA January 1975
BT1 Hafnium Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Yttrium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-C-129Y [01]
DA May 1975
BT1 Hafnium Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Yttrium Alloys
BT2 Alloys

ALLOY-CB-1
DA February 1975
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys

BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-CB-752 [01]
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-CK-20 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials

ALLOY-D-43
DA January 1975
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-D-979 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-DH-245
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicides
BT2 Silicon Compounds

Alloy-Ehi 183
DA May 1979
USE Steel-Kh17n13m3t

Alloy-Ehi 397
DA May 1979
USE Steel-Kh17n13m3t

Alloy-Ehi 432
DA May 1979
USE Steel-Kh17n13m3t

Alloy-Ehi 702
DA May 1979
USE Steel-N36khtyu

ALLOY-EHI 826 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-EHI 868 [01]
DA May 1979
UF *Alloy-Khn60v*
UF *Alloy-Vzh98*
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-EHI437B [01]
UF *Alloy-KHN77TYUR*
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY-EHP-199 [01]
DA July 1978
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-EHP-496 [01]
DA May 1979
UF *Alloy-0N70mf*
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-EHP-567 [01]
DA May 1979
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-FS-85 [01]
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-GE [01]
BT1 Copper Alloys
BT2 Alloys
BT1 Silver Alloys
BT2 Alloys

ALLOY-GMR-235 [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

ALLOY-HD-556
DA August 1979
UF *HD-556*
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

Alloy-HD-8077
DA August 1979
USE Nickel Base Alloys

ALLOY-HK-40
DA August 1979
UF *HK 40*
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys

BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys

Alloy-HS-6
DA January 1979
USE Stellite 6

ALLOY-HS-21 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stellite
BT2 Chromium Alloys
BT3 Alloys
BT2 Cobalt Base Alloys
BT3 Cobalt Alloys
BT4 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Tungsten Alloys
BT3 Alloys

ALLOY-HS-25 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stellite
BT2 Chromium Alloys
BT3 Alloys
BT2 Cobalt Base Alloys
BT3 Cobalt Alloys
BT4 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Tungsten Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys

ALLOY-HS-31 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stellite
BT2 Chromium Alloys
BT3 Alloys
BT2 Cobalt Base Alloys
BT3 Cobalt Alloys
BT4 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Tungsten Alloys
BT3 Alloys

ALLOY-HT-9
DA February 1978
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys

ALLOY-IN-100 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-IN-102 [01]
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-IN-519
DA August 1979
UF *IN 519*
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys

ALLOY-IN-853 [01]
DA January 1975
UF *Inconel MA 753*
BT1 Aluminium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Yttrium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Yttrium Compounds
BT3 Transition Element Compounds

ALLOY-KH20N80 [01]
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

ALLOY-KHN60B [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-50KH4N6G12F2V [01]
DA June 1979
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-0KH12N13M [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

ALLOY-KHN50MBVYU [01]
DA June 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

BT1 Niobium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-KHN60MKBYUT [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY-KH20N80T [01]
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

ALLOY-KHN78T [01]
DA April 1975
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

ALLOY-KHN77TYU [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

Alloy-KHN77TYUR
USE Alloy-EHI437B

Alloy-Khn60v
DA May 1979
USE Alloy-Ehi 868

ALLOY-KHN67VMTYU [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-L-605
DA January 1975
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

Alloy-713-LC
USE Inconel 713LC

ALLOY-M-252 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY-M-813
DA July 1977
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
RT Stainless Steels

Alloy-MA-754
DA August 1979
USE Nickel Base Alloys

Alloy-MA-956
DA August 1979
USE Iron Base Alloys

ALLOY-MAR-M246 [01]
DA February 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-MM-0011
DA December 1978
UF *MM-0011*
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-MN-21
DA December 1978
UF *MN-21*
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-MO-RE-1
DA August 1979
UF *Mo-Re 1*
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-MP35N
DA January 1979

UF *MP35N*
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

ALLOY-N-155 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Nitrogen Additions
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tantalum Additions
BT2 Tantalum Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-N-9M [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-N-10M [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tantalum Additions
BT2 Tantalum Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-79NM [01]
DA May 1979
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

Alloy-0N70mf
DA May 1979
USE Alloy-Ehp-496

ALLOY-N55M20V25 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

ALLOY-N65M20V15 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

ALLOY-N28T3 [01]
DA May 1979
BT1 Carbon Additions
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
RT Austenite

ALLOY-NT25A5 [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

ALLOY NUCLEAR FUELS [01]
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
BT1 Solid Fuels
BT2 Fuels

ALLOY-NX-188
DA December 1978
UF *NX-188*
BT1 Aluminium Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

ALLOY-RA-333
DA August 1979
UF *RA 333*
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-S-590 [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-S-816 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY SU31 [01]
BT1 Hafnium Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY SYSTEMS [01]
NT1 Binary Alloy Systems

NT1 Quaternary Alloy Systems
NT1 Ternary Alloy Systems
RT Alloys
RT Phase Diagrams
RT Vegard Law

ALLOY-60T [01]
BT1 Niobium Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-TA-10V [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Tantalum Base Alloys
BT2 Tantalum Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-TS5 [01]
DA May 1979
BT1 Tin Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-TSM6 [01]
DA October 1978
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Molybdenum Base Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-TZC
DA January 1975
BT1 Carbon Additions
BT2 Alloys
BT1 Molybdenum Base Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-TZM [01]
UF *TZM*
BT1 Molybdenum Base Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-V-36 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ALLOY-VAD23 [01]
DA May 1979
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Cadmium Additions
BT2 Cadmium Alloys
BT3 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Lithium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys

ALLOY-VM-1 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Base Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Tungsten Additions
BT2 Tungsten Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

ALLOY-VN-2 [01]
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys

ALLOY-VN-3 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-VT1-0 [01]
DA May 1979
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-VT3-1 [01]
DA April 1977
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-VT6 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-VT8 [01]
DA May 1979
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-VT9 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-VT14 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

ALLOY-VT15 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-VT16 [01]
DA June 1975
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-VT20 [01]
DA October 1978
BT1 Aluminium Alloys
BT2 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

ALLOY-VT22 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys

ALLOY-VTZ-1 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys

ALLOY-VUS-6 [01]
DA May 1979
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Base Alloys
BT2 Niobium Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Yttrium Additions
BT2 Yttrium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

Alloy-Vzh98
DA May 1979
USE Alloy-Ehi 868

Alloy-WAZ-16
DA August 1979
USE Nickel Base Alloys

ALLOY-214X
DA January 1975
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Magnesium Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys

ALLOY-YUNDK 25BA [01]
DA June 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys

ALLOY-ZM-2A [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Base Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

Alloying Effects
DA February 1978
USE Metallurgical Effects

ALLOYS [01]
*NT1 Actinide Alloys
NT1 Actinium Additions
*NT1 Aluminium Alloys
*NT1 Antimony Alloys
NT1 Arsenic Alloys
NT2 Arsenic Additions
NT1 Astatine Additions
*NT1 Barium Alloys
NT1 Berkelium Additions
NT1 Berkelium Alloys
*NT1 Beryllium Alloys
*NT1 Bismuth Alloys
*NT1 Boron Alloys
*NT1 Brazing Alloys
*NT1 Cadmium Alloys
*NT1 Calcium Alloys
NT1 Californium Additions
NT1 Californium Alloys
*NT1 Carbon Additions
*NT1 Cesium Alloys
*NT1 Chromium Alloys
*NT1 Cobalt Alloys
*NT1 Copper Alloys
NT1 Corrosion Resistant Alloys
NT2 Stainless Steels
NT3 Durco
NT3 Stainless Steel-16-8-2
NT3 Stainless Steel-18-8
NT3 Stainless Steel-18-10
NT3 Stainless Steel-20-25
NT3 Stainless Steel-301
NT3 Stainless Steel-302
NT3 Stainless Steel-304
NT3 Stainless Steel-305
NT3 Stainless Steel-308
NT3 Stainless Steel-309
NT3 Stainless Steel-310
NT3 Stainless Steel-316
NT3 Stainless Steel-317
NT3 Stainless Steel-318
NT3 Stainless Steel-321
NT3 Stainless Steel-329
NT3 Stainless Steel-330
NT3 Stainless Steel-347
NT3 Stainless Steel-348
NT3 Stainless Steel-403
NT3 Stainless Steel-405
NT3 Stainless Steel-406
NT3 Stainless Steel-410
NT3 Stainless Steel-416
NT3 Stainless Steel-422
NT3 Stainless Steel-430
NT3 Stainless Steel-431
NT3 Stainless Steel-440
NT3 Stainless Steel-446
NT3 Stainless Steel-AM-350
NT3 Stainless Steel-19-9DL
NT3 Stainless Steel-Fv-548
NT3 Stainless Steel-304L
NT3 Stainless Steel-308L
NT3 Stainless Steel-316L
NT3 Stainless Steel-17-4PH
NT3 Stainless Steel-17-7Ph
NT3 Stainless Steel-Ph-15-7-Mo
NT3 Stainless Steel-309S
NT3 Stainless Steel-Z3cmn18-8-6N
NT3 Stainless Steel-Z2cn18-10
NT3 Stainless Steel-Z6cn18-10
NT3 Stainless Steel-Z2cn18-10N
NT3 Stainless Steel-Z2cnd17-12
NT3 Stainless Steel-Z3cnd17-12
NT3 Stainless Steel-Z3cnd18-13
NT3 Stainless Steel-Z6cnd17-12
NT3 Stainless Steel-Zcnd17-13
NT3 Stainless Steel-Z6cnd17-13B
NT3 Stainless Steel-Z6cndt17-13B
NT3 Stainless Steel-Z6cnt18-10
NT3 Stainless Steel-Z8cnt18-10
NT3 Stainless Steel-Z6cnt18-12B
NT3 Steel-DIN-1-4449
NT3 Steel-DIN-1-4948
NT3 Steel-DIN-1-6770
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-000Kh25
NT3 Steel-000Kh28
NT3 Steel-2Kh13
NT3 Steel-9Kh18
NT3 Steel-Kh18
NT3 Steel-03Kh13ag13
NT3 Steel-0Kh18g8n2t
NT3 Steel-Kh14k9n6m5
NT3 Steel-000Kh18n13
NT3 Steel-000Kh20n20
NT3 Steel-7Kh18n9
NT3 Steel-Kh18n8
NT3 Steel-Kh18n9
NT3 Steel-18Kh16n6
NT3 Steel-Kh23n18
NT3 Steel-1Kh16n4b
NT3 Steel-Kh20n45b
NT3 Steel-40Kh13n8g8
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh15n20m2t2
NT3 Steel-Kh17n13m2t
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-40Kh2n5sm
NT3 Steel-0Kh18n9t
NT3 Steel-0Kh18n10t
NT3 Steel-00Kh20n32t
NT3 Steel-0Kh22n5t
NT3 Steel-1Kh18n9t
NT3 Steel-1Kh18n10t
NT3 Steel-Kh18n9t
NT3 Steel-Kh18n10t
NT3 Steel-Kh18n12t
NT3 Steel-1-Kh18n20t3p
NT3 Steel-Kh12n20t3p
NT3 Steel-2Kh18n8v2
NT3 Steel-4Kh14nv2m
NT3 Steel-Kh18n22v2t2
NT3 Steel-Khn35vt
NT3 Steel-Kh14n8yum2
NT3 Steel-1Kh12v2mf
NT3 Steel-Kn15n9yu
NT3 Steel-Kn15n7yum2

NT3 Steel-N36khtyu
NT3 Steel-OOOKh20n16ag6
NT3 Steel-Vzh102
NT3 Steel-X6crni1811
NT3 Sweetalloy
NT3 Tenelon
NT3 Timken Alloys
NT2 Steel-37Khn3t
NT1 Dilute Alloys
*NT1 Francium Alloys
*NT1 Gallium Alloys
*NT1 Germanium Alloys
*NT1 Gold Alloys
*NT1 Hafnium Alloys
*NT1 Heat Resisting Alloys
*NT1 Indium Alloys
*NT1 Intermetallic Compounds
*NT1 Iron Alloys
*NT1 Lead Alloys
*NT1 Lithium Alloys
*NT1 Magnesium Alloys
*NT1 Manganese Alloys
*NT1 Mercury Alloys
*NT1 Molybdenum Alloys
*NT1 Nickel Alloys
*NT1 Niobium Alloys
NT1 Nitrogen Additions
NT2 Alloy-N-155
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10N
NT2 Steel-08G2sfb
NT2 Steel-03Kh13ag13
NT2 Steel-40Khnma
NT1 Phosphorus Additions
NT1 Platinum Metal Alloys
*NT2 Iridium Alloys
*NT2 Osmium Alloys
*NT2 Palladium Alloys
*NT2 Platinum Alloys
*NT2 Rhodium Alloys
*NT2 Ruthenium Alloys
*NT1 Polonium Alloys
*NT1 Potassium Alloys
NT1 Radium Additions
*NT1 Rare Earth Alloys
*NT1 Rhenium Alloys
*NT1 Rubidium Alloys
*NT1 Scandium Alloys
*NT1 Selenium Alloys
*NT1 Silicon Alloys
*NT1 Silver Alloys
*NT1 Sodium Alloys
*NT1 Strontium Alloys
NT1 Sulfur Additions
NT2 Ni-Hard
*NT1 Tantalum Alloys
*NT1 Technetium Alloys
*NT1 Tellurium Alloys
*NT1 Thallium Alloys
*NT1 Tin Alloys
*NT1 Titanium Alloys
NT1 Transition Element Alloys
*NT1 Tungsten Alloys
*NT1 Vanadium Alloys
*NT1 Yttrium Alloys
*NT1 Zinc Alloys
*NT1 Zirconium Alloys
RT Alloy Systems
RT Binary Mixtures
RT Semimetals
RT Solid Solutions

ALLUVIAL DEPOSITS [01]
BT1 Geologic Deposits
RT Clays
RT Ground Water
RT Sand
RT Soils
RT Surface Waters
DEF Earth, sand, gravel, or other mineral materials transported by and laid down by flowing water.

ALLYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

ALMARAZ-1 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ALMARAZ-2 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ALMENDRO EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

ALNICO ALLOYS [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys

ALOE [01]
BT1 Medicinal Plants
BT2 Plants

ALOUETTE SATELLITES [01]
BT1 Satellites

ALPHA BEAMS [01]
BT1 Helium 4 Beams
BT2 Ion Beams
BT3 Beams
RT Alpha Particles

ALPHA-BEARING WASTES [01]
DA May 1979
BT1 Radioactive Wastes
BT2 Radioactive Materials
BT2 Wastes

ALPHA DECAY [01]
BT1 Decay
RT Alpha Decay Radioisotopes
RT Alpha Particles
RT Delayed Alpha Particles
RT Gamow Barrier

***ALPHA DECAY RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Alpha Decay

ALPHA DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Alpha Dosimetry
RT Alpha Spectrometers
RT Alpha Spectroscopy

ALPHA DEVICE [01]
BT1 TLP Devices
BT2 Toroidal Pinch Devices
BT3 Closed Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices

ALPHA DOSIMETRY [01]
BT1 Dosimetry
RT Alpha Detection

Alpha-Nitroso-beta-Naphthol
USE 1-Nitroso-2-Naphthol

Alpha Particle Model
USE Cluster Model

ALPHA PARTICLES [01]
(Emitted by nuclei.)
BT1 Charged Particles
NT1 Delayed Alpha Particles
NT1 Solar Alpha Particles
RT Alpha Beams
RT Alpha Decay
RT Alpha Sources
RT Alpha Spectra
RT Helium Ions

ALPHA REACTIONS [01]
UF *Helium 4 Reactions*
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions

ALPHA SOURCES [01]
BT1 Ion Sources
BT1 Particle Sources
BT2 Radiation Sources
RT Alpha Particles

ALPHA SPECTRA [01]
BT1 Spectra
RT Alpha Particles

ALPHA SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Alpha Detection

ALPHA SPECTROSCOPY [01]
BT1 Spectroscopy
RT Alpha Detection

ALPHA-TRANSFER REACTIONS [01]
BT1 Four-Nucleon Transfer Reactions
BT2 Multi-Nucleon Transfer Reactions
BT3 Transfer Reactions
BT4 Direct Reactions
BT5 Nuclear Reactions

ALPS [01]
BT1 Mountains
RT Albania
RT Austria
RT France
RT German Federal Republic
RT Italy
RT Switzerland
RT Yugoslavia

ALRR REACTOR [01]
UF *Ames Laboratory Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Alternate Fuels
(See specific fuel headings, e.g., GASOLINE, HYDROGEN FUELS, etc.)
DA March 1979
SEE Fuel Substitution
OR Synthetic Fuels

ALTERNATING CURRENT [01]
UF *Current (Alternating)*
BT1 Electric Currents
BT2 Currents

RT Alternators
RT Parametric Instabilities

ALTERNATORS [01]
DA March 1975
BT1 Electric Generators
RT Alternating Current

Althein
USE Asparagine

ALTIMETERS [01]
BT1 Measuring Instruments

ALTITUDE
DA February 1975
RT Azimuth
RT Height
RT Levels

ALUDUR [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

ALUMEL [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Compounds

ALUMINATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Aluminium Compounds
BT1 Oxygen Compounds
RT Aluminium Oxides

Aluminia
DA May 1979
USE Aluminium Oxides

ALUMINIUM [01]
BT1 Metals
BT2 Elements
RT SAP

ALUMINIUM 22 [01]
DA October 1977
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ALUMINIUM 23 [01]
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ALUMINIUM 24 [01]
BT1 Aluminium Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ALUMINIUM 25 [01]
BT1 Aluminium Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ALUMINIUM 26 [01]
BT1 Aluminium Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ALUMINIUM 27 [01]
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ALUMINIUM 28 [01]
BT1 Aluminium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ALUMINIUM 29 [01]
BT1 Aluminium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ALUMINIUM 30 [01]
BT1 Aluminium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ALUMINIUM 31 [01]
BT1 Aluminium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ALUMINIUM 32 [01]
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ALUMINIUM 33 [01]
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ALUMINIUM 34 [01]
DA August 1977
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ALUMINIUM 35
DA April 1979
BT1 Aluminium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ALUMINIUM ADDITIONS [01]
BT1 Aluminium Alloys
BT2 Alloys
NT1 Alloy-A-286
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-IN-102
NT1 Alloy-KH20N80
NT1 Alloy-Khn60b
NT1 Alloy-KH20N80T
NT1 Alloy-Khn77tyu
NT1 Discaloy
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-20Khmf
NT1 Steel-38Khmyua
NT1 Steel-00Kh20n32t
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-18Kh2n4va
NT1 Steel-22NiMoCr37
NT1 Steel-30N9k4
NT1 Steel-N36khtyu
NT1 Steel-Vzh102

ALUMINIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-1900
NT1 Alloy-D-979
NT1 Alloy-DH-245
NT1 Alloy-EHI 826
NT1 Alloy-EHP-199
NT1 Alloy-IN-100
NT1 Alloy-IN-853
NT1 Alloy-Khn50mbvyu
NT1 Alloy-Khn60mkbyut
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-MN-21
NT1 Alloy-Nt25a5
NT1 Alloy-NX-188
NT1 Alloy-VT3-1
NT1 Alloy-VT6
NT1 Alloy-VT9
NT1 Alloy-VT14
NT1 Alloy-VT15
NT1 Alloy-VT20
NT1 Alloy-VT22
NT1 Alloy-VTZ-1
NT1 Alloy-Yundk 25Ba
NT1 Alumel
NT1 Aluminium Additions
NT2 Alloy-A-286

NT2 Alloy-Ehi 868
NT2 Alloy-EHI437B
NT2 Alloy-IN-102
NT2 Alloy-KH20N80
NT2 Alloy-Khn60b
NT2 Alloy-KH20N80T
NT2 Alloy-Khn77tyu
NT2 Discaloy
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-20Khmf
NT2 Steel-38Khmyua
NT2 Steel-00Kh20n32t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-18Kh2n4va
NT2 Steel-22NiMoCr37
NT2 Steel-30N9k4
NT2 Steel-N36khtyu
NT2 Steel-Vzh102
NT1 Aluminium Base Alloys
NT2 Alloy-1915
NT2 Alloy-Vad23
NT2 Alloy-214X
NT2 ALUDUR
NT2 Bondur
NT2 Duranalium
NT2 HEDDUR
NT2 Lynite
NT2 Magnalium
NT1 Astroloy
NT1 Duranickel
NT1 Heusler Alloys
NT1 Hoskins 875
NT1 Inconel 617
NT1 Inconel 700
NT1 Inconel 702
NT1 Inconel 738
NT1 Inconel 713C
NT1 Inconel 713LC
NT1 Kanthal
NT1 Magnesium Alloy-AZ31B
NT1 Nimonic 90
NT1 Nimonic 105
NT1 Nimonic 115
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Resistal
NT1 Sichromal Alloys
NT1 Stainless Steel-17-7Ph
NT1 Stainless Steel-Ph-15-7-Mo
NT1 Steel-Kh18n9t
NT1 Steel-3Kh15n13yu3
NT1 Steel-Kh14n8yum2
NT1 Steel-Kn15n9yu
NT1 Steel-Kn15n7yum2
NT1 Tikonal
NT1 Transage 117
NT1 Transage 120
NT1 Transage 129
NT1 Transage 134
NT1 Udimet 700
NT1 Waspaloy
NT1 Zamak

ALUMINIUM ARSENIDES [01]
DA April 1975
BT1 Aluminium Compounds
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides

ALUMINIUM BASE ALLOYS [01]
BT1 Aluminium Alloys
BT2 Alloys
NT1 Alloy-1915
NT1 Alloy-Vad23
NT1 Alloy-214X
NT1 ALUDUR
NT1 Bondur
NT1 Duranalium
NT1 HEDDUR
NT1 Lynite
NT1 Magnalium

ALUMINIUM 27 BEAMS [01]
DA April 1977
BT1 Ion Beams
BT2 Beams

ALUMINIUM BORIDES [01]
BT1 Aluminium Compounds
BT1 Borides
BT2 Boron Compounds

ALUMINIUM BROMIDES [01]
BT1 Aluminium Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ALUMINIUM CARBIDES [01]
BT1 Aluminium Compounds
BT1 Carbides
BT2 Carbon Compounds

ALUMINIUM CHLORIDES [01]
BT1 Aluminium Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ALUMINIUM COMPLEXES [01]
BT1 Complexes

ALUMINIUM COMPOUNDS [01]
NT1 Aluminates
NT1 Aluminium Arsenides
NT1 Aluminium Borides
NT1 Aluminium Bromides
NT1 Aluminium Carbides
NT1 Aluminium Chlorides
NT1 Aluminium Fluorides
NT1 Aluminium Hydrides
NT1 Aluminium Hydroxides
NT2 Gibbsite
NT2 Nordstrandite
NT1 Aluminium Iodides
NT1 Aluminium Nitrates
NT1 Aluminium Nitrides
NT1 Aluminium Oxides
NT2 Corundum
NT3 Ruby
NT3 Sapphire
NT2 Spinels
NT1 Aluminium Phosphates
NT2 Florencite
NT2 Sabugalite
NT1 Aluminium Selenides
NT1 Aluminium Silicates
NT2 Epidotes
NT2 Kaolinite
NT2 Pyrophyllite
NT2 Smectite
NT2 Tourmaline
NT2 Vermiculite
NT1 Aluminium Silicides
NT1 Aluminium Sulfates
NT2 Alunite
NT1 Aluminium Sulfides
NT1 Aluminium Tellurides
NT1 Dawsonite

ALUMINIUM FLUORIDES [01]
BT1 Aluminium Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ALUMINIUM HYDRIDES [01]
BT1 Aluminium Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

ALUMINIUM HYDROXIDES [01]
BT1 Aluminium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
NT1 Gibbsite
NT1 Nordstrandite
RT Bauxite

ALUMINIUM IODIDES [01]
BT1 Aluminium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ALUMINIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ALUMINIUM ISOTOPES [01]
NT1 Aluminium 22
NT1 Aluminium 23
NT1 Aluminium 24
NT1 Aluminium 25
NT1 Aluminium 26
NT1 Aluminium 27
NT1 Aluminium 28
NT1 Aluminium 29
NT1 Aluminium 30
NT1 Aluminium 31
NT1 Aluminium 32
NT1 Aluminium 33
NT1 Aluminium 34
NT1 Aluminium 35

ALUMINIUM NITRATES [01]
BT1 Aluminium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

ALUMINIUM NITRIDES [01]
BT1 Aluminium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

ALUMINIUM ORES [01]
DA September 1975
BT1 Ores
NT1 Bauxite

ALUMINIUM OXIDES [01]
UF *Aluminia*
UF+ *Yttrium Aluminium Garnets*
BT1 Aluminium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Corundum
NT2 Ruby
NT2 Sapphire
NT1 Spinels
RT Aluminates

ALUMINIUM PHOSPHATES [01]
BT1 Aluminium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
NT1 Florencite
NT1 Sabugalite

ALUMINIUM 27 REACTIONS [01]
DA October 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

ALUMINIUM SELENIDES
DA September 1978
BT1 Aluminium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

ALUMINIUM SILICATES [01]
BT1 Aluminium Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Epidotes
NT1 Kaolinite
NT1 Pyrophyllite
NT1 Smectite

NT1 Tourmaline
NT1 Vermiculite

ALUMINIUM SILICIDES [01]
DA October 1975
BT1 Aluminium Compounds
BT1 Silicides
BT2 Silicon Compounds

ALUMINIUM SULFATES [01]
BT1 *Aluminium Compounds*
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Alunite

ALUMINIUM SULFIDES [01]
BT1 Aluminium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

ALUMINIUM 25 TARGET [01]
DA May 1979
BT1 Targets

ALUMINIUM 27 TARGET [01]
DA July 1976
BT1 Targets

ALUMINIUM 28 TARGET [01]
DA May 1979
BT1 Targets

ALUMINIUM TELLURIDES
DA September 1975
BT1 Aluminium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

ALUMINON [01]
UF *Aurintricarboxylic Acid*
UF *Chrome Violet*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Reagents
BT1 Triphenylmethane Dyes
BT2 Dyes

ALUNITE
DA April 1975
BT1 Aluminium Sulfates
BT2 Aluminium Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Minerals
BT1 Potassium Sulfates
BT2 Potassium Compounds
BT3 Alkali Metal Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
DEF A mineral, $KAl_3(SO_4)_2(OH)_6$, hexagonal rhombohedral, usually in white, gray or pink masses in hydrothermally altered feldspathic rock.

Alveoli (Dental)
USE Jaw

Alveoli (Pulmonary)
USE Lungs

ALVITE [01]
BT1 Minerals
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

ALWAC COMPUTERS [01]
BT1 Computers

AM-1 Reactor
USE APS Reactor

Amalgams
USE Mercury Alloys

AMAZON RIVER
DA August 1977
BT1 Rivers
BT2 Streams
BT3 Surface Waters

AMBER [01]
BT1 Other Organic Compounds
BT2 Organic Compounds

Amberlite
USE Organic Ion Exchangers

AMBIENT TEMPERATURE
DA March 1976
UF *Environmental Temperature*
UF *Temperature (Ambient)*
RT Temperature Control
RT Temperature Dependence
RT Temperature Distribution
RT Temperature Effects
RT Temperature Gradients
RT Temperature Measurement
DEF Temperature of surrounding medium, includes atmospheric temperature.

AMBIPLASMA [01]
(Containing both matter and antimatter.)
BT1 Plasma
RT Antimatter
RT Matter

AMBIPOLAR DIFFUSION [01]
BT1 Diffusion
RT Electron Drift
RT Ion Drift
RT Plasma Drift

AMBROSIA LAKE [01]
BT1 Lakes
BT2 Surface Waters

AMCHITKA ISLAND AREA [01]
BT1 Aleutian Islands
BT2 Islands
RT Alaska

AMDAHL COMPUTERS
DA September 1977
BT1 Computers

Ameba
USE Amoeba

Amenorrhea
USE Menstruation Disorders

AMERICAN INDIANS
DA November 1977
UF *Indians (American)*
BT1 Human Populations
BT2 Populations
BT1 Minority Groups
RT Indian Reservations

AMERICIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

AMERICIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 234 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 236
DA November 1977
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 237 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

AMERICIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 239 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

AMERICIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 241 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes

BT2 Radioisotopes
BT3 Isotopes
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

AMERICIUM 242 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

AMERICIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

AMERICIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

AMERICIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Americium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

AMERICIUM ADDITIONS [01]
BT1 Americium Alloys
BT2 Actinide Alloys
BT3 Alloys

AMERICIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Americium Additions
NT1 Americium Base Alloys

AMERICIUM ARSENIDES [01]
DA December 1976
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides

AMERICIUM BASE ALLOYS [01]
BT1 Americium Alloys
BT2 Actinide Alloys
BT3 Alloys

AMERICIUM BROMIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

AMERICIUM CARBIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Carbides
BT2 Carbon Compounds

AMERICIUM CARBONATES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

AMERICIUM CHLORIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

AMERICIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

AMERICIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Americium Arsenides
NT1 Americium Bromides
NT1 Americium Carbides
NT1 Americium Carbonates
NT1 Americium Chlorides
NT1 Americium Fluorides
NT1 Americium Hydrides
NT1 Americium Hydroxides
NT1 Americium Iodides
NT1 Americium Nitrates
NT1 Americium Nitrides
NT1 Americium Oxides
NT1 Americium Perchlorates
NT1 Americium Phosphates
NT1 Americium Phosphides
NT1 Americium Selenides
NT1 Americium Silicides
NT1 Americium Sulfates
NT1 Americium Sulfides
NT1 Americium Tellurides

AMERICIUM FLUORIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

AMERICIUM HYDRIDES
DA April 1975
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

AMERICIUM HYDROXIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

AMERICIUM IODIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

AMERICIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

AMERICIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Americium 232
NT1 Americium 234
NT1 Americium 236
NT1 Americium 237
NT1 Americium 238
NT1 Americium 239
NT1 Americium 240
NT1 Americium 241
NT1 Americium 242
NT1 Americium 243
NT1 Americium 244
NT1 Americium 245
NT1 Americium 246
NT1 Americium 247

AMERICIUM NITRATES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates

BT2 Nitrogen Compounds
BT2 Oxygen Compounds

AMERICIUM NITRIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

AMERICIUM OXIDES [01]
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

AMERICIUM PERCHLORATES [01]
DA October 1978
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

AMERICIUM PHOSPHATES [01]
DA September 1978
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

AMERICIUM PHOSPHIDES
DA June 1975
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

AMERICIUM SELENIDES [01]
DA January 1976
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

AMERICIUM SILICIDES
DA December 1978
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Silicides
BT2 Silicon Compounds

AMERICIUM SULFATES
DA January 1975
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

AMERICIUM SULFIDES [01]
DA January 1975
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

AMERICIUM 241 TARGET [01]
DA July 1976
BT1 Targets

AMERICIUM 242 TARGET [01]
DA July 1976
BT1 Targets

AMERICIUM 243 TARGET [01]
DA July 1976
BT1 Targets

AMERICIUM TELLURIDES [01]
DA January 1976
BT1 Americium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

AMES LABORATORY [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Ames Laboratory Research Reactor
USE ALRR Reactor

Ames Test
DA November 1978
USE Mutagen Screening

Amethopterin
USE Methotrexate

AMEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Amines
RT Solvent Extraction

AMIDES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Acetamide
NT2 Ioglycamic Acid
NT1 Acrylamide
NT1 Asparagine
NT1 Formamide
NT1 Glutamine
NT1 Hydroxyurea
NT1 Hypaque
NT1 Lactams
NT2 Pyrrolidones
NT3 PVP
NT1 Nicotinamide
NT1 Phenatine
NT1 Sulfenamides
NT1 Sulfonamides
NT1 Thionalide
NT1 Urea
RT BPH
RT Cerebrosides
RT Chloramines
RT Guanidines
RT Polyamides
RT Thioureas

AMIDINES [01]
UF *Iminoamides*
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Stilbamidine

AMIDOL [01]
BT1 Amines
BT2 Organic Compounds
BT1 Developers
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Reagents

AMINATION [01]
BT1 Chemical Reactions
RT Deamination

AMINES [01]
UF+ *Amino Alcohols*
UF+ *Amino Sugars*
UF+ *Aminoglycides*
UF+ *Promethazine*
BT1 Organic Compounds
NT1 Acridine Orange
NT1 Adenines
NT2 Kinetin
NT1 AET
NT1 Amidol
NT1 Aminopterin
NT1 Aniline
NT1 Arsanilic Acid
NT1 Benzedrine
NT1 Benzidine
NT1 BPH
NT1 Cadaverine
NT1 Catecholamines
NT1 Cephalins
NT1 Chlorambucil
NT1 Chloramines
NT1 Chlorpromazine
NT1 Congo Red
NT1 Cupferron
NT1 Cystamine
NT1 Cystaphos
NT1 Cytosine
NT1 Cytriphos
NT1 Deferoxamine
NT1 Dopamine
NT1 Ephedrine
NT1 Flavines
NT2 Acriflavine
NT2 Proflavine
NT1 Gammaphos
NT1 Guanine
NT1 Hexosamines
NT2 Glucosamine
NT1 Histamine
NT1 Hydroxamic Acids
NT2 Benzohydroxamic Acid
N11 Hydroxylamine
NT2 Neocupferron
NT1 Imipramine
NT1 MEA
NT1 Melamine
NT1 Methyl Orange
NT1 Methyl Violet
NT1 Methylamine
NT1 Methylene Blue
NT1 Morpholines
NT1 Mucopolysaccharides
NT2 Chitin
NT2 Chondroitin
NT2 Heparin
NT2 Hyaluronic Acid
NT1 Neutral Red
NT1 Nitrogen Mustard
NT1 Oximes
NT2 Benzoinoxime
NT2 Dimethylglyoxime
NT2 Furildioxime
NT1 PAPP
NT1 Piperidines
NT2 Pethidine
NT2 TAN
NT1 Primene
NT1 Putrescine
NT1 Pyrrolidines
NT2 Hydroxyproline
NT2 Nicotine
NT2 Proline
NT1 Quaternary Compounds
NT2 Acetylcholine
NT2 Betaine
NT2 Choline
NT2 Pyridinium Compounds
NT2 TEAB
NT1 Rhodamines
NT1 Spermidine
NT1 Spermine
NT1 Sulfadiazine
NT1 Sulfanilic Acid
NT1 Taurine
NT1 TDA
NT1 TETA
NT1 Tetryl
NT1 Thiamine
NT1 Thionine
NT1 TNA
NT1 TOA
NT1 Toluidines

NT1 Trilaurylamine
NT1 Trypan Blue
NT1 Tryptamines
NT2 Bufotenine
NT2 Melatonin
NT2 Serotonin
NT3 Mexamine
NT1 Tyramine
NT1 Urotropin
RT AMEX Process
RT EUREX Process
RT Piperazines
RT Sialic Acid
RT Tramex Process

AMINO ACIDS [01]
(For CARBOXYLIC ACIDS only.)
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
NT1 Alanines
NT2 Alanine-Alpha
NT3 Alanine-L
NT2 Alanine-Beta
NT1 Aminoadipic Acid
NT1 Aminobutyric Acid
NT1 Aminolevulinic Acid
NT1 Anthranilic Acid
NT1 Arginine
NT1 Asparagine
NT1 Aspartic Acid
NT1 Betaine
NT1 Carnitine
NT1 CDTA
NT1 Citrulline
NT1 CPDTA
NT1 Creatine
NT1 Cysteine
NT1 Cystine
NT1 DCTA
NT1 Diiodotyrosine
NT1 Dopa
NT1 DTPA
NT1 EDDHA
NT1 EDTA
NT1 Ethionine
NT1 Folic Acid
NT1 Glutamic Acid
NT2 Pyridoxylideneglutamate
NT1 Glutamine
NT1 Glycine
NT1 Glycylglycine
NT1 HEDTA
NT1 HEIDA
NT1 Hippuric Acid
NT1 Histidine
NT1 HMDTA
NT1 Homocysteine
NT1 Homocystine
NT1 Hydroxyproline
NT1 Hydroxytryptophan
NT1 Kynurenine
NT1 Leucine
NT1 Lysine
NT1 Methionine
NT1 Methyl Red
NT1 Mimosine
NT1 NTA
NT1 Ornithine
NT1 PABA
NT1 Pantothenic Acid
NT1 PAS
NT1 Penicillamine
NT1 Phenylalanine
NT1 Phosphocreatine
NT1 Proline
NT1 Sarcosine
NT1 Serine
NT1 TETAHA
NT1 Threonine
NT1 Thyronine
NT1 Thyroxine
NT1 Tryptophan
NT1 Tyrosine
NT1 Valine
RT Lactams
RT Proteins

Amino Alcohols
USE Alcohols
AND Amines

Amino Sugars
USE Amines
AND Saccharides

Aminoacetic Acid
USE Glycine

AMINOADIPIC ACID [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Aminobenzene
USE Aniline

Aminobenzenesulfonic Acid-para
USE Sulfanilic Acid

Aminobenzoic Acid-ortho
USE Anthranilic Acid

Aminobenzoic Acid-para
USE PABA

AMINOBUTYRIC ACID [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Aminoethanesulfonic Acid
USE Taurine

Aminoethanethiol
USE MEA

Aminoethylisothiuronium Bromide
USE AET

Aminoethylthiopseudourea
USE AET

Aminoglutaric Acid-alpha
USE Glutamic Acid

Aminoglycides
USE Amines
AND Saccharides

Aminohypoxanthine
USE Guanine

Aminoisocaproic Acid-alpha
USE Leucine

Aminoisovaleric Acid-alpha
USE Valine

AMINOLEVULINIC ACID [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Aminophenylacetic Acid-alpha
USE Phenylalanine

Aminopropionic Acid-alpha
USE Alanine-Alpha

Aminopropionic Acid-beta
USE Alanine-Beta

Aminopropiophenone-para
USE PAPP

AMINOPTERIN [01]
BT1 Amines
BT2 Organic Compounds
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Pteridines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

6-Aminopurine
USE Adenines

Aminosalicylic Acid-para
USE PAS

Aminosuccinamic Acid-alpha
USE Asparagine

Aminosuccinic Acid
USE Aspartic Acid

Aminotoluenes
USE Toluidines

AMINOTRANSFERASES [01]
UF *Transaminases*
BT1 Transferases
BT2 Enzymes

AMISOL PROCESS
DA January 1975
RT Desulfurization
DEF Process for complete desulfurization of gases with low CO_2 contents.

AMMETERS [01]
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments

AMMINES
DA February 1975
BT1 Complexes
RT Ammonia

AMMONIA [01]
BT1 Nitrogen Hydrides
BT2 Hydrides
BT3 Hydrogen Compounds
BT2 Nitrogen Compounds
RT Ammines
RT Ammonolysis
RT Quaternary Compounds
RT Refrigerants

AMMONIA-AMMONIUM BISULFATE PROCESS
DA April 1977
RT Desulfurization
RT Waste Processing
DEF Regenerable process to remove SO_2 from flue gas by absorption in an aqueous ammonium sulfite and bisulfite solution.

AMMONIA FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

AMMONIUM CARBONATES [01]
DA December 1978
BT1 Ammonium Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

AMMONIUM CHLORIDES [01]
DA December 1975
BT1 Ammonium Halides
BT2 Ammonium Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

AMMONIUM COMPOUNDS [01]
NT1 Ammonium Carbonates
NT1 Ammonium Halides
NT2 Ammonium Chlorides
NT1 Ammonium Hydroxides
NT1 Ammonium Nitrates
NT1 Ammonium Perchlorates
NT1 Ammonium Phosphates
NT1 Ammonium Sulfates
NT1 Ammonium Tungstates
NT1 Ammonium Uranates
NT1 Quaternary Compounds
NT2 Acetylcholine
NT2 Betaine

NT2 Choline
NT2 Pyridinium Compounds
NT2 TEAB

Ammonium Diuranate
USE Ammonium Uranates

AMMONIUM HALIDES
DA March 1977
BT1 Ammonium Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Ammonium Chlorides

AMMONIUM HYDROXIDES [01]
BT1 Ammonium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

AMMONIUM NITRATES [01]
DA December 1975
BT1 Ammonium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

AMMONIUM PERCHLORATES
DA August 1976
BT1 Ammonium Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
RT Propellants

AMMONIUM PHOSPHATES
DA April 1978
BT1 Ammonium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

AMMONIUM SULFATES [01]
DA April 1976
BT1 Ammonium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

AMMONIUM TUNGSTATES [01]
DA June 1977
BT1 Ammonium Compounds
BT1 Tungstates

AMMONIUM URANATES [01]
DA January 1975
UF *ADU*
UF *Ammonium Diuranate*
BT1 Ammonium Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

AMMONOLYSIS [01]
BT1 Solvolysis
BT2 Decomposition
BT3 Chemical Reactions
RT Ammonia

AMMUNITION
DA April 1976
RT Explosives
RT Guns
RT Military Equipment
RT Missiles
RT Ordnance
RT Pyrotechnic Devices
RT Rockets
RT Shaped Charges
RT Weapons

Amnion
USE Fetal Membranes

Amnion Cells
USE Embryonic Cells

AMNIOTIC FLUID [01]
DA December 1975
BT1 Body Fluids
BT2 Biological Materials
RT Embryos
RT Fetuses

Amobarbital
USE Amytal

Amoco CBA Process
DA August 1977
USE Amoco Sulfur Recovery Process

AMOCO SULFUR RECOVERY PROCESS
DA January 1976
UF *Amoco CBA Process*
UF *CBA Process*
RT Desulfurization
DEF Recovery of elemental sulfur from streams containing hydrogen sulfide.

AMOEBA [01]
UF *Ameba*
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
RT Phagocytosis

AMOEBA EFFECT [01]
DA September 1975
UF *Migration (Kernel)*
RT Coated Fuel Particles
RT Failures
RT Physical Radiation Effects
RT Reliability
DEF Unidirectional migration and penetration of the fuel kernel through the particle coating, caused by thermal stresses occurring in the course of irradiation.

AMORPHOUS STATE [01]
RT Crystallization

AMOUYAL-BENOIST-HOROWITZ METHOD [01]
RT Neutron Transport Theory

AMP [01]
UF *Adenosine Monophosphate*
UF *CAMP*
UF *Cyclic Adenosine Monophosphate*
BT1 Nucleotides
BT2 Organic Compounds
RT Adenines

AMP BEAM CURRENTS [01]
(From 1 to 1000 amp.)
BT1 Beam Currents
BT2 Currents

AMPEROMETRY [01]
BT1 Titration
RT Quantitative Chemical Analysis

Amphetamine
USE Benzedrine

AMPHIBIANS [01]
UF+ *Tadpoles*
BT1 Aquatic Organisms
BT1 Vertebrates
BT2 Animals
NT1 Frogs
NT1 Salamanders
NT2 Axolotl
NT2 Triturus
NT1 Toads
RT Larvae

AMPHIBOLE [01]
BT1 Minerals
NT1 Hornblende
DEF A group of dark, rock-forming, ferromagnesian silicate minerals closely related in crystal form and composition.

AMPLIFIERS [01]
BT1 Electronic Equipment
NT1 AC Amplifiers
NT1 DC Amplifiers
NT1 Dielectric Amplifiers
NT1 Gasers
NT1 High Frequency Amplifiers
NT1 Magnetic Amplifiers
NT1 Microwave Amplifiers
NT2 Masers
NT1 Operational Amplifiers
NT1 Parametric Amplifiers
NT1 Power Amplifiers
NT1 Preamplifiers
NT1 Pulse Amplifiers
NT1 Transistor Amplifiers
RT Electronic Circuits
RT Gain

AMPLITUDES [01]
NT1 Scattering Amplitudes
NT1 Transition Amplitudes
NT2 Decay Amplitudes
RT Dimensions
RT Mechanical Vibrations
RT Oscillations
RT Wave Propagation

AMRR REACTOR [01]
UF *Army Materials Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

AMSCO [01]
BT1 Organic Solvents
BT2 Solvents
RT Hydrocarbons

Amygdalic Acid
USE Mandelic Acid

Amyl Alcohols
USE Pentanols

Amyl Radicals
USE Pentyl Radicals

AMYLASE [01]
UF+ *Isoamylase*
BT1 Glycosyl Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Digestion
RT Pancreas
RT Saliva

Amylum
USE Starch

AMYTAL [01]
UF *Amobarbital*
BT1 Barbiturates
BT2 Hypnotics and Sedatives
BT3 Drugs
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

ANABOLISM [01]
BT1 Metabolism
RT Androgens
RT Biosynthesis
RT STH

ANAEROBIC CONDITIONS
DA November 1975
RT Anaerobic Digestion
RT Biodegradation

ANAEROBIC DIGESTION
DA July 1975
SF *Microbial Processes*
BT1 Bioconversion
BT1 Digestion
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
NT1 BIOGAS Process
RT Anaerobic Conditions
RT Batch Culture
RT Cell Recycle
RT Continuous Culture
RT Mesophilic Conditions
RT Semibatch Culture
RT Synthetic Fuels
RT Thermophilic Conditions

ANALCIME
DA April 1975
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A white or slightly colored zeolite mineral: $NaAlSi_2O_6.H_2O$.

ANALGESICS [01]
UF+ *Phenacetin*
BT1 Drugs
NT1 Acetylsalicylic Acid
NT1 Antipyrine
NT1 Codeine
NT1 Morphine
NT1 Pethidine
RT Anesthetics
RT Antipyretics
RT Hypnotics and Sedatives
RT Narcotics
RT Pain

ANALOG COMPUTERS [01]
BT1 Computers

Analog Resonances
USE Isobaric Analogs
AND Resonance

Analog Resonances (Strangeness)
DA May 1975
USE Strangeness Analog Resonances

Analog States
USE Isobaric Analogs

ANALOG SYSTEMS [01]
NT1 Simulators
NT2 Reactor Simulators
RT Analog-to-Digital Converters
RT Biological Models
RT Computers
RT Digital-to-Analog Converters
RT Electronic Circuits
RT Electronic Equipment
RT Functional Models
RT Real Time Systems

ANALOG-TO-DIGITAL CONVERTERS [01]
UF *Converters (Analog-Digital)*
BT1 Electronic Equipment
RT Analog Systems
RT Digital Systems
RT Digitizers

Analysis (Activation)
USE Activation Analysis

Analysis (Fourier)
USE Fourier Analysis

Analysis (Gas)
USE Gas Analysis

Analysis (Normal-Mode)
USE Normal-Mode Analysis

Analysis (Qualitative Chemical)
USE Qualitative Chemical Analysis

Analysis (Quantitative Chemical)
USE Quantitative Chemical Analysis

Analysis (Structural Chemical)
USE Structural Chemical Analysis

Analysis (Thermal)
USE Thermal Analysis

ANALYTIC FUNCTIONS [01]
BT1 Functions
RT Continued Fractions
RT S Matrix

ANALYTICAL SOLUTION [01]
(For the procedure only.)
RT Asymptotic Solutions
RT Finite Difference Method
RT Galerkin-Petrov Method
RT Mathematics
RT Numerical Solution

Analyzers (Pulse)
USE Pulse Analyzers

ANALYZING POWER
DA February 1975
RT Scattering
RT Targets
DEF Asymmetry produced in nuclear scattering of a completely polarized beam; said of target used to measure beam polarization.

Anaphase
USE Mitosis

ANAPHYLAXIS [01]
RT Allergy
RT Biological Shock
RT Immunity

ANATOMY [01]
RT Body
RT Physiology

ANBN
USE 1-Nitroso-2-Naphthol

Anchoring
USE Fastening

ANCHORS
DA September 1975
RT Fasteners

Andco-Torrax Slagging Pyrolysis System
DA October 1977
USE Slagging Pyrolysis Process

ANDERSONITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

ANDES [01]
UF *Cordillera De Los Andes*
BT1 Mountains
RT Argentina
RT Bolivia
RT Chile
RT Colombia
RT Ecuador
RT Peru
RT Venezuela

ANDESITES
DA October 1975
BT1 Volcanic Rocks
BT2 Igneous Rocks
BT3 Rocks
DEF Volcanic rocks composed essentially of andesine and one or more mafic constituents.

ANDRADITE [01]
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Garnets
BT2 Minerals
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
DEF Calcium-iron end member of the garnet group: $Ca_3Fe_2(Si.O_4)_3$.

ANDROGENS [01]
BT1 Androstanes
BT2 Steroids
BT3 Organic Compounds
BT1 Steroid Hormones
BT2 Hormones
NT1 Androstenedione
NT1 Androsterone
NT1 Dianabol
NT1 Hydroxyandrostenone
NT1 Testosterone
RT Adrenal Glands
RT Adrenal Hormones
RT Anabolism
RT Castration
RT Corticosteroids
RT LH
RT Testes
RT Urinary Ketosteroids

ANDROSTANES [01]
BT1 Steroids
BT2 Organic Compounds
NT1 Androgens
NT2 Androstenedione
NT2 Androsterone
NT2 Dianabol
NT2 Hydroxyandrostenone
NT2 Testosterone

ANDROSTENEDIONE [01]
BT1 Androgens
BT2 Androstanes
BT3 Steroids
BT4 Organic Compounds
BT2 Steroid Hormones
BT3 Hormones
BT1 Ketones
BT2 Organic Compounds

ANDROSTERONE [01]
BT1 Androgens
BT2 Androstanes
BT3 Steroids
BT4 Organic Compounds
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

ANEMIAS [01]
UF *Aplastic Anemia*
UF *Pernicious Anemia*
BT1 Hemic Diseases
BT2 Diseases
BT1 Symptoms
NT1 Ischemia
NT1 Megaloblastic Anemia
NT1 Thalassemia
RT Erythrocytes
RT Folic Acid
RT Hemoglobin
RT Hemolysis
RT Hemorrhage
RT Intrinsic Factor
RT Vitamin B-12

ANEMOMETERS [01]
BT1 Measuring Instruments
NT1 Hot Wire Anemometers
RT Flowmeters

ANESTHESIA [01]
RT Anesthetics

RT Medicine
RT Pain
RT Surgery

ANESTHETICS [01]
BT1 Drugs
NT1 Cocaine
NT1 Procaine
NT1 Thiopental
RT Analgesics
RT Anesthesia
RT Barbiturates
RT Hypnotics and Sedatives
RT Narcotics

ANEUPLOIDY [01]
BT1 Ploidy
RT Genome Mutations
RT Non-Disjunction

ANEX REACTOR [01]
UF *CFG Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Angiography
USE Biomedical Radiography
AND Blood Vessels

ANGIOMAS [01]
UF *Hemangiomas*
BT1 Neoplasms
BT2 Diseases
RT Blood Vessels
RT Lymph Vessels

ANGIOTENSIN [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds
BT1 Sympathomimetics
BT2 Drugs

ANGOLA [01]
BT1 Africa

ANGRA-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ANGRA-2 REACTOR [01]
DA October 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ANGRA-3 REACTOR [01]
DA October 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ANGULAR CORRELATION [01]
UF *Directional Correlation*
BT1 Correlations
NT1 Perturbed Angular Correlation
NT2 Differential PAC
NT2 Integral Pac
RT Abragam-Pound Theory
RT Angular Distribution
RT Biedenharn-Rose Theory
RT Decay
RT Particle Kinematics

ANGULAR DISTRIBUTION [01]
BT1 Distribution
RT Abragam-Pound Theory
RT Alder-Winter Theory
RT Angular Correlation
RT Backscattering
RT Biedenharn-Rose Theory
RT Blatt-Biedenharn Formalism
RT Castagnoli Formula
RT Differential Cross Sections
RT Emission
RT Halpern-Strutinski Theory
RT Lambert Law
RT Marshak Boundary Conditions
RT Milne Problem
RT Minami Ambiguity
RT Small Angle Scattering
RT Spatial Dependence
RT Yang Theorem

ANGULAR MOMENTUM [01]
UF *Momentum (Angular)*
NT1 Orbital Angular Momentum
NT1 Spin
RT Angular Momentum Operators
RT Backbending
RT Chirality
RT Clebsch-Gordan Coefficients
RT D Waves
RT F Waves
RT Gyroelectric Ratio
RT Gyromagnetic Ratio
RT Helicity
RT Kinetic Energy
RT Linear Momentum
RT Motion
RT P Waves
RT Partial Waves
RT Quantum Mechanics
RT Racah Coefficients
RT Rotation
RT S Waves
RT Wigner Coefficients
RT Yrast States

ANGULAR MOMENTUM OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
NT1 Orbital Momentum Operators
NT1 Pauli Spin Operators
RT Angular Momentum

ANGULAR MOMENTUM TRANSFER [01]
DA October 1978
BT1 Momentum Transfer
RT Energy Transfer

ANGULAR VELOCITY [01]
BT1 Velocity

ANHARMONIC CRYSTALS [01]
BT1 Crystals
RT Coherent Scattering
RT Inelastic Scattering
RT Lattice Vibrations

ANHYDRIDES [01]
RT Bases
RT Inorganic Acids
RT Organic Acids
RT Water

ANHYDRITE
DA January 1975
BT1 Calcium Sulfates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Minerals
DEF A mineral consisting of an anhydrous calcium sulfate: $CaSO_4$.

ANILINE [01]
UF *Aminobenzene*
UF *Phenylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Aromatics
BT2 Organic Compounds
RT Benzene

ANIMAL BREEDING [01]
NT1 Mass Rearing
RT Agriculture
RT Domestic Animals
RT Nutrition
RT Progeny

ANIMAL CELLS [01]
(Includes human cells.)
UF *Cells (Animal)*
UF *Human Cells*
UF+ *Cell Growth (Animal)*
UF+ *Melanocytes*
UF+ *Pigment Cells*
NT1 Embryonic Cells
NT1 Hair Follicles
NT1 Respiratory Tract Cells
NT1 Somatic Cells
NT2 Connective Tissue Cells
NT3 Bone Cells
NT3 Bone Marrow Cells
NT3 Fat Cells
NT3 Fibroblasts
NT3 Lymphocytes
NT3 Macrophages
NT3 Mast Cells
NT3 Plasma Cells
NT2 Crypt Cells
NT2 Nerve Cells
NT2 Phagocytes
NT3 Macrophages
NT2 Spleen Cells
NT2 Stem Cells
NT2 Thymocytes
NT2 Thymus Cells
NT1 Tumor Cells
NT2 Ascites Tumor Cells
NT1 XP Cells
RT Cell Constituents
RT Cell Cultures
RT Cell Flow Systems
RT Clone Cells
RT Colony Formation
RT Cytology
RT Homogenates
RT Intracellular Digestion

ANIMAL FEEDS [01]
DA April 1975
BT1 Food
NT1 Forage
RT Diet
RT Nutrition
RT Single Cell Protein

ANIMAL GROWTH [01]
BT1 Growth
RT Adults
RT Animals
RT Molting
RT Rearing

ANIMAL SHELTERS
DA June 1977

BT1 Buildings
BT1 Shelters

Animal Tissues
USE Tissues

ANIMALS [01]
NT1 Domestic Animals
NT2 Cattle
NT3 Calves
NT3 Cows
NT2 Goats
NT2 Sheep
NT2 Swine
NT3 Miniature Swine
NT1 Endangered Species
NT1 Germ-Free Animals
NT1 Invertebrates
NT2 Annelids
NT2 Arthropods
NT3 Arachnids
NT4 Mites
NT4 Scorpions
NT4 Spiders
NT4 Ticks
NT3 Crustaceans
NT4 Artemia
NT4 Copepods
NT4 Daphnia
NT4 Lobsters
NT4 Prawns
NT4 Shrimp
NT3 Insects
NT4 Beetles
NT5 Boll Weevil
NT5 Tribolium
NT4 Cockroaches
NT4 Flies
NT5 Fruit Flies
NT6 Ceratitis Capitata
NT6 Dacus
NT7 Dacus Oleae
NT6 Drosophila
NT6 Rhagoletis Cerasi
NT5 Glossina
NT5 Hylemya Antiqua
NT5 Screwworm Fly
NT4 Grasshoppers
NT4 Hemiptera
NT5 Aphids
NT4 Locusts
NT4 Mosquitoes
NT4 Moths
NT5 Bollworm
NT5 Codling Moth
NT5 Lymantria Dispar
NT5 Rice Stem Borers
NT4 Silkworm
NT4 Wasps
NT5 Habrobracon
NT2 Cnidaria
NT3 Corals
NT3 Hydra
NT2 Echinoderms
NT3 Sea Urchins
NT2 Molluscs
NT3 Oysters
NT3 Snails
NT2 Nematodes
NT3 Ascaridae
NT3 Ascaris
NT3 Dictyocaulus
NT3 Hookworm
NT3 Nippostrongylus
NT3 Syngamus
NT3 Trichinella
NT2 Platyhelminths
NT3 Cestodes
NT4 Hymenolepis
NT3 Trematodes
NT4 Fasciola
NT4 Hymenolepis
NT4 Schistosoma
NT3 Turbellaria
NT4 Planaria
NT2 Protozoa
NT3 Amoeba
NT3 Babesidae
NT3 Foraminifera
NT3 Paramecium
NT3 Plasmodium
NT3 Tetrahymena
NT3 Trypanosoma
NT3 Trypanosomes
NT1 Juveniles
NT1 Laboratory Animals
NT1 Neonates
NT2 Infants
NT1 Vertebrates
NT2 Amphibians
NT3 Frogs
NT3 Salamanders
NT4 Axolotl
NT4 Triturus
NT3 Toads
NT2 Birds
NT3 Fowl
NT4 Chickens
NT4 Ducks
NT4 Geese
NT3 Pigeons
NT2 Fishes
NT3 Codfish
NT3 Eel
NT3 Goldfish
NT3 Plaice
NT3 Salmon
NT3 Striped Bass
NT3 Trout
NT3 Tuna
NT2 Mammals
NT3 Bats
NT3 Buffalo
NT3 Burros
NT3 Cats
NT3 Cetaceans
NT3 Dogs
NT4 Beagles
NT3 Horses
NT3 Manatees
NT3 Marsupials
NT3 Pikas
NT3 Primates
NT4 Apes
NT4 Man
NT5 Adolescents
NT5 Children
NT6 Infants
NT5 Men
NT5 Women
NT4 Monkeys
NT5 Macacus
NT3 Rabbits
NT3 Rodents
NT4 Chipmunks
NT4 Gerbils
NT4 Guinea Pigs
NT4 Hamsters
NT4 Mice
NT4 Prairie Dogs
NT4 Rats
NT4 Squirrels
NT4 Voles
NT3 Ruminants
NT4 Antelopes
NT4 Cattle
NT5 Calves
NT5 Cows
NT4 Deer
NT4 Goats
NT4 Llamas
NT4 Sheep
NT3 Shrews
NT3 Swine
NT4 Miniature Swine
NT3 Wolves
NT2 Reptiles
NT3 Alligators
NT3 Lizards
NT3 Snakes
NT3 Turtles
NT1 Wild Animals
RT Animal Growth
RT Aquatic Organisms
RT Biological Materials
RT Biology
RT Females
RT Fossils
RT Home Range
RT Males
RT Species Diversity
RT Stomata
RT Translocation
RT Veterinary Medicine

ANIONS [01]
UF *Negative Ions*
UF+ *Hydroxyl Ions*
BT1 Ions
BT2 Charged Particles
NT1 Heteropolyanions
NT1 Hydrogen Ions 1 Minus
RT Chemical State
RT Electrolysis
RT Ion Beams
RT Ion Exchange Materials

ANISOLE [01]
UF *Methoxybenzene*
UF *Methyl Phenyl Ether*
UF *Phenyl Methyl Ether*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

ANISOTROPY [01]
RT Asymmetry
RT Configuration
RT Distribution
RT Isotropy
RT Orientation
RT Sherman Tables

ANISYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

ANKERITE
DA November 1975
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT1 Iron Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
BT1 Magnesium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT1 Manganese Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Manganese Compounds
BT3 Transition Element Compounds
BT1 Minerals
DEF A dolomitic iron-containing mineral $Ca(Fe,Mg,Mn)(CO_3)_2$.

Ankylosing Spondylitis
USE Spondylitis

ANL [01]
UF *Argonne National Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

ANMR
USE Acoustic NMR

ANNA REACTOR [01]
UF *Swierk ANNA Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ANNEALING [01]
BT1 Heat Treatments
RT Recrystallization
RT Stress Relaxation

ANNELIDS [01]
UF *Earthworms*
UF *Worms (Segmented)*
BT1 Invertebrates
BT2 Animals

ANNIHILATION [01]
UF *Disintegration (Nuclear Particle)*
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
RT Gribov-Lipatov Relation

ANNIHILATION OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
RT Second Quantization
RT Vacuum States

ANNUAL CYCLE ENERGY SYSTEM
DA November 1975
RT Air Conditioning
RT Heating
RT Space Heating
RT Water Heaters

ANNUAL ENERGY STORAGE
DA April 1979
BT1 Energy Storage
BT2 Storage
RT Heat Storage

ANNUAL VARIATIONS [01]
DA April 1975
BT1 Variations

Annular Core Pulse Reactor
USE ACPR Reactor

ANNULAR FUEL ELEMENTS [01]
BT1 Fuel Elements
BT2 Reactor Components
RT Fuel Washers

ANNULAR SPACE [01]
BT1 Configuration
NT1 Toroidal Configuration
RT Tori

ANODES [01]
BT1 Electrodes
NT1 Photoanodes
RT Thermionic Collectors

ANODIZATION [01]
BT1 Corrosion Protection
BT1 Electrochemical Coating
BT2 Chemical Coating
BT3 Surface Coating
BT4 Deposition
BT1 Electrolysis
BT2 Lysis

ANOMALOUS DIMENSION [01]
DA April 1975
UF *Non-Canonical Dimension*
BT1 Scale Dimension

Anopheles
USE Mosquitoes

ANOREXIA [01]
RT Digestive System
RT Digestive System Diseases

ANORTHOSITES [01]
UF *Plagioclase*
UF *Plagioclasite*
BT1 Igneous Rocks
BT2 Rocks
RT Lunar Materials
DEF A group of essentially monomineralic plutonic igneous rocks composed almost entirely of plagioclase feldspar.

ANOXIA [01]
UF *Hypoxia*
RT Biological Stress
RT Ischemia
RT Oxidation
RT Oxygen
RT Respiration

ANTARCTIC REGIONS [01]
BT1 Polar Regions
NT1 Antarctica
RT Arctic Regions
RT Auroral Zones
RT Climates
RT Glaciers
RT Ice
RT Polar-Cap Aurorae
RT Snow

ANTARCTICA [01]
BT1 Antarctic Regions
BT2 Polar Regions

ANTARES FACILITY
DA September 1978
RT Carbon Dioxide Lasers
RT Laser Fusion Reactors
DEF Large CO_2 laser facility at Los Alamos to be used for laser fusion.

ANTELOPES [01]
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals

ANTENNAS [01]
BT1 Electrical Equipment
BT2 Equipment
NT1 Radio Telescopes
NT1 Rectennas
RT Radio Equipment
RT Sommerfeld Integrals

Anthers
USE Stamen

Anthonomus Grandis
USE Boll Weevil

ANTHRACENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Anthraquinones
RT Organic Crystal Phosphors
RT Plastic Scintillators

ANTHRACITE [01]
SF *Hard Coal*
BT1 Black Coal
BT2 Coal
BT3 Carbonaceous Materials
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels

ANTHRANILIC ACID [01]
UF *Aminobenzoic Acid-ortho*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ANTHRAQUINONES [01]
BT1 Quinones
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
NT1 Alizarin
NT1 Carminic Acid
NT1 Quinizarin
RT Anthracene
RT Dyes

Anthraquinonic Acid
USE Alizarin

ANTHROPOLOGY
DA May 1976
RT Human Populations
RT Sociology
DEF The study of the interrelations of biological, cultural, geographical, and historical aspects of man.

ANTIBARYONS [01]
BT1 Antiparticles
BT2 Antimatter
BT2 Elementary Particles
BT1 Baryons
BT2 Fermions
BT2 Hadrons
BT3 Elementary Particles
NT1 Antihyperons
NT2 Antilambda Particles
NT2 Antiomega Particles
NT2 Antisigma Particles
NT2 Antixi Particles
NT1 Antinucleons
NT2 Antineutrons
NT2 Antiprotons

ANTIBIOTICS [01]
UF *Neomycin*
UF+ *Streptozotocin*
UF+ *Streptozotocin 7*
BT1 Drugs
NT1 Actinomycin
NT1 Bleomycin
NT1 Chloramphenicol
NT1 Cycloheximide
NT1 Erythromycin
NT1 Mitomycin
NT1 Penicillin
NT1 Puromycin
NT1 Streptomycin
NT1 Sulfadiazine
NT1 Tetracyclines
NT2 Chlortetracycline
NT2 Oxytetracycline
NT1 Valinomycin
RT Antimitotic Drugs
RT Infectious Diseases
RT Microorganisms
RT Mutagens

ANTIBODIES [01]
NT1 Antitoxins
NT1 Precipitins
RT Agglutinins
RT Antigen-Antibody Reactions
RT Complement
RT Hemagglutinins
RT Hemolysins
RT Immune Serums
RT Immunity
RT Radioimmunoassay
RT Toxoids

ANTIBODY FORMATION [01]
RT Antigen-Antibody Reactions
RT Germ-Free Animals
RT Immunity

ANTICLINES
DA September 1977
BT1 Geologic Structures
RT Petroleum Deposits
RT Salt Deposits
DEF A fold, the core of which contains the stratigraphically older rocks; it is convex upward.

ANTICOAGULANTS [01]
BT1 Drugs

NT1 Dicumarol
NT1 Heparin
NT1 Psoralen
NT1 Tromexan
RT Blood Coagulation
RT Vitamin K

ANTICOINCIDENCE [01]
(Detector arrangement.)
RT Coincidence Circuits
RT Counting Techniques

Anticorrosion
USE Corrosion Protection

Antidepressants
DA April 1978
USE Psychotropic Drugs

ANTIDEUTERONS [01]
BT1 Antinuclei
BT2 Antimatter
BT2 Nuclei
BT1 Antiparticles
BT2 Antimatter
BT2 Elementary Particles
RT Deuterons

Antidiuretic Hormone
USE Vasopressin

ANTIFERROELECTRIC MATERIALS [01]
UF *Materials (Antiferroelectric)*
BT1 Dielectric Materials
BT1 Materials
RT Ferroelectric Materials

ANTIFERROMAGNETIC MATERIALS [01]
UF *Materials (Antiferromagnetic)*
BT1 Magnetic Materials
BT1 Materials
RT Ferromagnetic Materials
RT Kondo Effect

ANTIFERROMAGNETISM [01]
BT1 Magnetism
NT1 Mictomagnetism
RT Ferrimagnetism
RT Ferromagnetism
RT Neel Temperature

ANTIFOULANTS
DA December 1978
RT Corrosion
RT Deposits
RT Fouling
DEF Materials which prevent foulants from forming and/or depositing on heat transfer surfaces or equipment.

ANTIFREEZE
DA March 1978
RT Freeze Protection
RT Freezing
RT Working Fluids

ANTIGEN-ANTIBODY REACTIONS [01]
UF *Agglutination*
RT Antibodies
RT Antibody Formation
RT Antigens
RT Complement
RT CPB
RT Graft-Host Reaction
RT Immune Reactions
RT Immunity
RT Radioimmunoassay

ANTIGENS [01]
NT1 Toxins
NT2 Endotoxins
NT1 Tuberculin
RT Antigen-Antibody Reactions
RT Freunds Adjuvant
RT Immunity
RT Radioimmunoassay
RT Vaccines

ANTIHISTAMINICS [01]
UF+ *Promethazine*
BT1 Drugs
RT Allergy
RT Histamine

ANTIHYPERONS [01]
BT1 Antibaryons
BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT1 Hyperons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
NT1 Antilambda Particles
NT1 Antiomega Particles
NT1 Antisigma Particles
NT1 Antixi Particles

ANTIKAONS [01]
BT1 Kaons
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
BT1 Pseudoscalar Antimesons
BT2 Antimesons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
NT1 Antikaons Neutral

ANTIKAONS NEUTRAL [01]
BT1 Antikaons
BT2 Kaons
BT3 Pseudoscalar Mesons
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles
BT2 Pseudoscalar Antimesons
BT3 Antimesons
BT4 Antiparticles
BT5 Antimatter
BT5 Elementary Particles
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT3 Pseudoscalar Mesons
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT1 Kaons Neutral
BT2 Kaons
BT3 Pseudoscalar Mesons
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

ANTIKNOCK RATINGS
DA January 1975
UF *Cetane Number*
UF *Octane Number*
RT Ignition Quality

ANTILAMBDA PARTICLES [01]
BT1 Antihyperons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles
RT Lambda Particles

ANTILEPTON-NEUTRON INTERACTIONS [01]
DA April 1977
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Antineutrino-Neutron Interactions

ANTILEPTON-PROTON INTERACTIONS [01]
DA September 1975
BT1 Lepton-Proton Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Antineutrino-Proton Interactions

ANTILEPTONS [01]
BT1 Antiparticles
BT2 Antimatter
BT2 Elementary Particles
BT1 Leptons
BT2 Elementary Particles
BT2 Fermions
NT1 Antineutrinos
NT2 Electron Antineutrinos
NT2 Muon Antineutrinos
NT1 Muons Plus
NT1 Positrons
NT2 Cosmic Positrons

ANTIMATTER [01]
NT1 Antinuclei
NT2 Antideuterons
NT2 Antiprotons
NT2 Antitritons
NT1 Antiparticles
NT2 Antibaryons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Antinucleons
NT4 Antineutrons
NT4 Antiprotons
NT2 Antideuterons
NT2 Antileptons
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Muons Plus
NT3 Positrons
NT4 Cosmic Positrons
NT2 Antimesons
NT3 Pseudoscalar Antimesons
NT4 Antikaons
NT5 Antikaons Neutral
NT2 Antitritons
RT Ambiplasma
RT Matter

ANTIMESONS [01]
(Use more specific meson type as appropriate.)
BT1 Antiparticles
BT2 Antimatter
BT2 Elementary Particles
BT1 Mesons
BT2 Bosons
BT2 Hadrons
BT3 Elementary Particles
NT1 Pseudoscalar Antimesons
NT2 Antikaons
NT3 Antikaons Neutral

ANTIMETABOLITES [01]
UF *Azaguanine*
BT1 Antimitotic Drugs
BT2 Drugs
NT1 Aminopterin
NT1 Bromouracils
NT2 BUDR
NT1 Fluorouracils
NT2 FUDR
NT1 Iodouracils
NT2 Iododeoxyuridine
NT1 Mercaptopurine
NT1 Methotrexate
RT Alkylating Agents
RT Chemosterilants
RT Synchronous Cultures

ANTIMITOTIC DRUGS [01]
UF *Cytostatics*
BT1 Drugs
NT1 Actinomycin
NT1 Alkylating Agents
NT2 Endoxan
NT2 Myleran
NT2 Nitrogen Mustard
NT1 Antimetabolites
NT2 Aminopterin
NT2 Bromouracils
NT3 BUDR
NT2 Fluorouracils
NT3 FUDR
NT2 Iodouracils
NT3 Iododeoxyuridine
NT2 Mercaptopurine
NT2 Methotrexate
NT1 Bleomycin
NT1 Colchicine
NT1 Mitomycin
NT1 Oncovin
NT1 Vinblastine
RT Antibiotics
RT Antineoplastic Drugs
RT Immunosuppression
RT Mitosis
RT Mutagens
RT Neoplasms
RT Radiomimetic Drugs
RT Radiosensitizers

ANTIMONY [01]
BT1 Metals
BT2 Elements

ANTIMONY 108 [01]
DA October 1977
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ANTIMONY 109 [01]
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 110 [01]
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 111 [01]
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 112 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ANTIMONY 113 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 114 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 115 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 116 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 117 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 118 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 119 [01]
BT1 Antimony Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 120 [01]
BT1 Antimony Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 121 [01]
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ANTIMONY 122 [01]
BT1 Antimony Isotopes

BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 123 [01]
BT1 Antimony Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ANTIMONY 124 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 125 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ANTIMONY 126 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 127 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 128 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 129 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 130 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 131 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 132 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY 133 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 134 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ANTIMONY 135 [01]
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ANTIMONY 136 [01]
DA October 1975
BT1 Antimony Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ANTIMONY ADDITIONS [01]
BT1 Antimony Alloys
BT2 Alloys
BT2 Pnictides

ANTIMONY ALLOYS [01]
BT1 Alloys
BT1 Pnictides
NT1 Antimony Additions
NT1 Antimony Base Alloys
NT1 Terne-Metal

ANTIMONY BASE ALLOYS [01]
BT1 Antimony Alloys
BT2 Alloys
BT2 Pnictides

ANTIMONY BORIDES [01]
BT1 Antimony Compounds
BT1 Borides
BT2 Boron Compounds

ANTIMONY BROMIDES [01]
BT1 Antimony Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ANTIMONY CHLORIDES [01]
BT1 Antimony Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ANTIMONY COMPLEXES [01]
BT1 Complexes

ANTIMONY COMPOUNDS [01]
NT1 Antimony Borides

NT1 Antimony Bromides
NT1 Antimony Chlorides
NT1 Antimony Fluorides
NT1 Antimony Hydrides
NT1 Antimony Hydroxides
NT1 Antimony Iodides
NT1 Antimony Oxides
NT1 Antimony Selenides
NT1 Antimony Sulfates
NT1 Antimony Sulfides
NT1 Antimony Tellurides
NT1 Gallium Antimonides

ANTIMONY FLUORIDES [01]
BT1 Antimony Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ANTIMONY HYDRIDES [01]
BT1 Antimony Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

ANTIMONY HYDROXIDES [01]
BT1 Antimony Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

ANTIMONY IODIDES [01]
BT1 Antimony Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ANTIMONY IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ANTIMONY ISOTOPES [01]
NT1 Antimony 108
NT1 Antimony 109
NT1 Antimony 110
NT1 Antimony 111
NT1 Antimony 112
NT1 Antimony 113
NT1 Antimony 114
NT1 Antimony 115
NT1 Antimony 116
NT1 Antimony 117
NT1 Antimony 118
NT1 Antimony 119
NT1 Antimony 120
NT1 Antimony 121
NT1 Antimony 122
NT1 Antimony 123
NT1 Antimony 124
NT1 Antimony 125
NT1 Antimony 126
NT1 Antimony 127
NT1 Antimony 128
NT1 Antimony 129
NT1 Antimony 130
NT1 Antimony 131
NT1 Antimony 132
NT1 Antimony 133
NT1 Antimony 134
NT1 Antimony 135
NT1 Antimony 136

ANTIMONY OXIDES [01]
BT1 Antimony Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

ANTIMONY SELENIDES
DA January 1976
BT1 Antimony Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

ANTIMONY SULFATES
DA February 1975
BT1 Antimony Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

ANTIMONY SULFIDES [01]
BT1 Antimony Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

ANTIMONY 120 TARGET [01]
DA July 1976
BT1 Targets

ANTIMONY 121 TARGET [01]
DA July 1976
BT1 Targets

ANTIMONY 123 TARGET [01]
DA July 1976
BT1 Targets

ANTIMONY 127 TARGET [01]
DA October 1978
BT1 Targets

ANTIMONY TELLURIDES [01]
DA January 1975
BT1 Antimony Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Antimuons
USE Muons Plus

ANTINEOPLASTIC DRUGS [01]
BT1 Drugs
NT1 Chlorambucil
RT Antimitotic Drugs

ANTINEUTRINO BEAMS [01]
BT1 Antiparticle Beams
BT2 Beams
RT Antineutrinos

ANTINEUTRINO-ELECTRON INTERACTIONS [01]
BT1 Neutrino-Electron Interactions
BT2 Lepton-Lepton Interactions
BT3 Particle Interactions
BT4 Interactions

ANTINEUTRINO-NEUTRON INTERACTIONS [01]
DA April 1977
BT1 Antilepton-Neutron Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
BT1 Antineutrino-Nucleon Interactions
BT2 Neutrino-Nucleon Interactions
BT3 Lepton-Nucleon Interactions
BT4 Lepton-Baryon Interactions
BT5 Lepton-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions
BT1 Neutrino-Neutron Interactions
BT2 Neutrino-Nucleon Interactions
BT3 Lepton-Nucleon Interactions
BT4 Lepton-Baryon Interactions
BT5 Lepton-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

ANTINEUTRINO-NUCLEON INTERACTIONS [01]
BT1 Neutrino-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Antineutrino-Neutron Interactions
NT1 Antineutrino-Proton Interactions

ANTINEUTRINO-PROTON INTERACTIONS [01]
DA January 1976
BT1 Antilepton-Proton Interactions
BT2 Lepton-Proton Interactions
BT3 Lepton-Nucleon Interactions
BT4 Lepton-Baryon Interactions
BT5 Lepton-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions
BT1 Antineutrino-Nucleon Interactions
BT2 Neutrino-Nucleon Interactions
BT3 Lepton-Nucleon Interactions
BT4 Lepton-Baryon Interactions
BT5 Lepton-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions
BT1 Neutrino-Proton Interactions
BT2 Neutrino-Nucleon Interactions
BT3 Lepton-Nucleon Interactions
BT4 Lepton-Baryon Interactions
BT5 Lepton-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

ANTINEUTRINOS [01]
BT1 Antileptons
BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles
NT1 Electron Antineutrinos
NT1 Muon Antineutrinos
RT Antineutrino Beams

ANTINEUTRON-DEUTERON INTERACTIONS
DA January 1975
BT1 Nucleon-Deuteron Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

ANTINEUTRON REACTIONS [01]
BT1 Antinucleon Reactions
BT2 Nucleon Reactions
BT3 Baryon Reactions
BT4 Hadron Reactions
BT5 Nuclear Reactions

ANTINEUTRONS [01]
BT1 Antinucleons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Neutrons

ANTINUCLEI [01]
DA June 1975
BT1 Antimatter
BT1 Nuclei
NT1 Antideuterons
NT1 Antiprotons
NT1 Antitritons

ANTINUCLEON BEAMS [01]
BT1 Antiparticle Beams
BT2 Beams
NT1 Antiproton Beams
RT Antinucleons

ANTINUCLEON REACTIONS [01]
BT1 Nucleon Reactions
BT2 Baryon Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions
NT1 Antineutron Reactions
NT1 Antiproton Reactions

ANTINUCLEONS [01]
BT1 Antibaryons

BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
NT1 Antineutrons
NT1 Antiprotons
RT Antinucleon Beams
RT Nucleons

ANTIOMEGA PARTICLES [01]
BT1 Antihyperons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles
RT Omega Particles

ANTIOXIDANTS [01]
RT Oxidation
RT Oxidizers

ANTIPARTICLE BEAMS [01]
BT1 Beams
NT1 Antineutrino Beams
NT1 Antinucleon Beams
NT2 Antiproton Beams
RT Pomeranchuk Theorem

ANTIPARTICLES [01]
BT1 Antimatter
BT1 Elementary Particles
NT1 Antibaryons
NT2 Antihyperons
NT3 Antilambda Particles
NT3 Antiomega Particles
NT3 Antisigma Particles
NT3 Antixi Particles
NT2 Antinucleons
NT3 Antineutrons
NT3 Antiprotons
NT1 Antideuterons
NT1 Antileptons
NT2 Antineutrinos
NT3 Electron Antineutrinos
NT3 Muon Antineutrinos
NT2 Muons Plus
NT2 Positrons
NT3 Cosmic Positrons
NT1 Antimesons
NT2 Pseudoscalar Antimesons
NT3 Antikaons
NT4 Antikaons Neutral
NT1 Antitritons

ANTIPROTON BEAMS [01]
BT1 Antinucleon Beams
BT2 Antiparticle Beams
BT3 Beams

ANTIPROTON-DEUTERON INTERACTIONS
DA January 1975
BT1 Nucleon-Deuteron Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
RT Antiprotons
RT Deuterons

ANTIPROTON-NEUTRON INTERACTIONS [01]
BT1 Nucleon-Antinucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

ANTIPROTON REACTIONS [01]
BT1 Antinucleon Reactions
BT2 Nucleon Reactions
BT3 Baryon Reactions
BT4 Hadron Reactions
BT5 Nuclear Reactions

Antiprotonic Atoms
USE Hadronic Atoms

ANTIPROTONS [01]
BT1 Antinuclei
BT2 Antimatter
BT2 Nuclei
BT1 Antinucleons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Antiproton-Deuteron Interactions
RT Protonium
RT Protons

ANTIPYRETICS [01]
UF+ *Phenacetin*
BT1 Drugs
NT1 Antipyrine
NT1 Cinchonine
NT1 Quinine
RT Analgesics
RT Fever

ANTIPYRINE [01]
BT1 Analgesics
BT2 Drugs
BT1 Antipyretics
BT2 Drugs
BT1 Pyrazolines
BT2 Pyrazoles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

ANTIREFLECTION COATINGS [01]
DA January 1975
BT1 Coatings
RT Optical Equipment
RT Reflective Coatings
RT Solar Absorbers

ANTISEPTICS
DA January 1976
RT Disinfectants
RT Drugs
RT Fungicides
RT Pesticides

Antiserum
USE Immune Serums

ANTISIGMA PARTICLES [01]
BT1 Antihyperons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles
RT Sigma Particles

ANTITHYROID DRUGS [01]
UF *Thyroid Antagonists*
BT1 Drugs
NT1 Thiouracil
NT1 Thiourea
RT Hyperthyroidism
RT Hypothyroidism

ANTITOXINS [01]
BT1 Antibodies
RT Toxins

ANTITRITONS [01]
DA January 1975
BT1 Antinuclei
BT2 Antimatter
BT2 Nuclei
BT1 Antiparticles
BT2 Antimatter
BT2 Elementary Particles
RT Tritons

ANTITRUST REVIEW
DA January 1975
BT1 Legal Aspects
RT Reactor Licensing

ANTIXI PARTICLES [01]
BT1 Antihyperons
BT2 Antibaryons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles
RT Xi Particles

ANTLERS [01]
BT1 Bone Tissues
BT2 Connective Tissue
BT3 Tissues
BT4 Body
RT Deer

Ants
USE Insects

ANVIL POINTS RESEARCH FACILITY
DA April 1975
BT1 Oil Shale Processing Plants
RT Oil Shales

ANVIL PROJECT [01]
DA June 1977
UF *Banon Event*
UF *Billet Event*
UF *Cheshire Event*
UF *Chiberta Event*
UF *Colby Event*
UF *Esrom Event*
UF *Estuary Event*
UF *Fontina Event*
UF *Husky Pup Event*
UF *Inlet Event*
UF *Kasseri Event*
UF *Keelson Event*
UF *Leyden Event*
UF *Marsh Event*
UF *Mighty Epic Event*
UF *Muenster Event*
UF *Pool Event*
UF *Strait Event*
BT1 Nuclear Explosions
BT2 Explosions
RT Contained Explosions
RT Underground Explosions

AORTA [01]
BT1 Arteries
BT2 Blood Vessels
BT3 Cardiovascular System
RT Heart
RT Mediastinum

APACHE [01]
(Accelerator for physics and chemistry of heavy elements.)
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

APARTMENT BUILDINGS
DA January 1975
BT1 Residential Buildings
BT2 Buildings
RT Commercial Buildings
RT Residential Sector

APATITES [01]
BT1 Minerals

APCR REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

APERTURES [01]
BT1 Openings
RT Orifices

APES [01]
UF *Baboons*
BT1 Primates
BT2 Mammals
BT3 Vertebrates
BT4 Animals

APFA-3 REACTOR [01]
(Accelerator Pulsed Fast Critical Assembly)
UF *Accelerator Pulsed Fast Assembly*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

APHIDS [01]
BT1 Hemiptera
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals

API GRAVITY
DA March 1976
BT1 Density
BT2 Physical Properties
DEF Arbitrary scale adopted by the API for expressing the specific gravity of oils.

Aplastic Anemia
USE Anemias

APLITES [01]
BT1 Igneous Rocks
BT2 Rocks

APOLIPOPROTEINS
DA August 1978
BT1 Lipoproteins
BT2 Lipids
BT3 Organic Compounds
BT2 Proteins
BT3 Organic Compounds
RT Coenzymes

APOLLO PROJECT [01]
UF *Project Apollo*
RT Lunar Materials
RT Moon
RT Space Flight

APPALACHIA
(The mountainous region, including valleys and plateaus extending through the eastern USA from New England to Georgia and Alabama.)
DA February 1975
BT1 USA
BT2 North America
RT Southeast Region

APPALACHIAN MOUNTAINS [01]
BT1 Mountains

Appalachian Orogeny
DA October 1977
SEE Pennsylvanian Period
OR Permian Period

Apparatus
DA January 1975
USE Equipment

APPARENT MOLAL VOLUME
DA September 1975
RT Thermodynamic Properties
DEF Apparent molal volume is equal to the total volume of the solution minus the volume of the solvent divided by the number of moles of the solute.

Appendix (Vermiform)
USE Large Intestine
AND Lymphatic System

APPENNINES [01]
DA November 1976
BT1 Italy
BT2 Europe
BT1 Mountains

APPLES [01]
BT1 Fruits
BT2 Food
RT Codling Moth
RT Fruit Trees

APPLIANCES
DA June 1975
NT1 Clothes Dryers
NT1 Electric Appliances
NT2 Air Conditioners
NT3 Solar Air Conditioners
NT4 Solar-Assisted Heat Pumps
NT2 Clothes Washers
NT2 Compactors
NT2 Dehumidifiers
NT2 Dishwashers
NT2 Food Disposers
NT2 Freezers
NT2 Humidifiers
NT2 Microwave Ovens
NT2 Refrigerators
NT3 Magnetic Refrigerators
NT3 Solar Refrigerators
NT3 Thermoelectric Refrigerators
NT1 Gas Appliances
NT2 Clothes Washers
NT1 Space Heaters
NT1 Stoves
NT1 Water Heaters
NT2 Solar Water Heaters
NT1 Wood Burning Appliances
NT2 Wood Burning Furnaces

Applications
USE Uses

Applicators (Radiotherapy)
USE Radiation Sources

APPROPRIATE TECHNOLOGY
DA June 1978
UF *Intermediate Technology*
RT Renewable Energy Sources
RT Technology Assessment
RT Technology Utilization
DEF A technology anywhere between the simplest and most sophisticated for accomplishing a particular task.

Approximation (Bohr)
DA May 1976
USE Nilsson-Mottelson Model

APR Reactor
USE ARR Reactor

APRA Reactor
USE APRF Reactor

APRF REACTOR [01]
UF *Aberdeen Maryland Reactor*
UF *APRA Reactor*
UF *Army Pulsed Reactor Assembly*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

APRICOTS
DA January 1975
BT1 Fruits
BT2 Food
RT Trees

APS REACTOR [01]
UF *AM-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

APSARA REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

AQUA REGIA [01]
RT Hydrochloric Acid
RT Nitric Acid

AQUACLAUS PROCESS
DA December 1977
RT Desulfurization
RT Waste Processing
DEF SO_2 is removed from Claus plant tail gas or other gaseous waste using phosphate base adsorbent solution

AQUACULTURE
DA November 1975
UF *Aquiculture*
UF *Fish Culture*
UF *Mariculture*
RT Fishes
RT Waste Heat
DEF Cultivation of natural faunal resources of water.

AQUATIC ECOSYSTEMS [01]
UF *Brackish Water Ecosystems*
UF *Estuarine Ecosystems*
UF *Fresh Water Ecosystems*
UF *Marine Ecosystems*
BT1 Ecosystems
NT1 Marshes
NT1 Swamps

RT Aquatic Organisms
RT Benthos
RT Biochemical Oxygen Demand
RT Chemical Oxygen Demand
RT Eutrophication
RT Gas Bubble Disease
RT Hydrosphere
RT Limnology
RT Prevention of Significant Deterioration

AQUATIC ORGANISMS [01]
(Unspecified biota characteristic of aquatic ecosystems.)
DA June 1975
NT1 Amphibians
NT2 Frogs
NT2 Salamanders
NT3 Axolotl
NT3 Triturus
NT2 Toads
NT1 Aufwuchs
NT1 Benthos
NT1 Crustaceans
NT2 Artemia
NT2 Copepods
NT2 Daphnia
NT2 Lobsters
NT2 Prawns
NT2 Shrimp
NT1 Echinoderms
NT2 Sea Urchins
NT1 Fishes
NT2 Codfish
NT2 Eel
NT2 Goldfish
NT2 Plaice
NT2 Salmon
NT2 Striped Bass
NT2 Trout
NT2 Tuna
NT1 Molluscs
NT2 Oysters
NT2 Snails
NT1 Plankton
NT2 Ichthyoplankton
NT2 Phytoplankton
NT2 Zooplankton
NT1 Water Hyacinths
RT Animals
RT Aquatic Ecosystems
RT Gas Bubble Disease
RT Impingement
RT Plants

Aqueous Carbonate Process
DA June 1977
USE AI Aqueous Carbonate Process

AQUEOUS HOMOGENEOUS REACTORS [01]
BT1 Liquid Homogeneous Reactors
BT2 Fluid Fueled Reactors
BT3 Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 AE-6 Reactor
NT1 AHCF Reactor
NT1 AHR Reactor
NT1 AI-L-77 Reactor
NT1 ALECTO Reactor
NT1 ARR Reactor
NT1 BER-1 Reactor
NT1 BER-2 Reactor
NT1 BYU L-77 Reactor
NT1 Cesnef Reactor
NT1 DR-1 Reactor
NT1 FRF Reactor
NT1 Hazel Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 HYPO Reactor
NT1 JRR-1 Reactor
NT1 KEWB Reactor
NT1 KSTR Reactor
NT1 LAPRE-1 Reactor
NT1 LAPRE-2 Reactor
NT1 LIWB Reactor
NT1 NCSCR-1 Reactor
NT1 NCSCR-2 Reactor
NT1 NCSCR-4 Reactor
NT1 Nevada University Reactor
NT1 PRNC-L-77 Reactor
NT1 Proserpine Reactor
NT1 RRR Reactor
NT1 SUPO Reactor
NT1 SUSPOP Reactor
NT1 UWRR Reactor
NT1 WRRR Reactor
NT1 ZETR Reactor

Aqueous Homogenous Critical Facility
USE AHCF Reactor

Aqueous Humor
USE Body Fluids
AND Eyes

AQUEOUS SOLUTIONS [01]
UF *Water Solutions*
BT1 Solutions
BT2 Mixtures
BT3 Dispersions
RT Water

AQUICLUDES
DA January 1975
BT1 Rocks
RT Water Reservoirs
DEF Bodies of relatively impermeable rock that are capable of absorbing water slowly but function as upper or lower boundaries of aquifers and do not transmit ground water rapidly enough to supply a well or spring.

Aquiculture
DA November 1975
USE Aquaculture

AQUIFERS [01]
DA February 1975
UF *Ground-Water Reserves*
RT Artesian Basins
RT Ground Water
RT Rocks
RT Sand
RT Water Influx
DEF Bodies of rock that contain sufficient saturated permeable material to conduct ground water and to yield economically significant quantities of ground water to wells and springs.

AQUILON REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Arab Republic of Egypt
USE Egyptian Arab Republic

ARABIAN SEA [01]
BT1 Indian Ocean
BT2 Seas
BT3 Surface Waters
NT1 Persian Gulf

ARABIDOPSIS [01]
BT1 Plants

ARABINOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Pentoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Gum Acacia

Arachidic Acid
USE Eicosanoic Acid

ARACHIDONIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ARACHNIDS [01]
BT1 Arthropods
BT2 Invertebrates
BT3 Animals
NT1 Mites
NT1 Scorpions
NT1 Spiders
NT1 Ticks

ARAGONITE [01]
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT1 Minerals
DEF A white, yellowish, or gray orthorhombic mineral: $CaCO_3$.

ARALDITE [01]
BT1 Epoxides
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
RT Homalite
RT Resins

ARAMIDS
DA July 1978
UF *Kevlar*
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
RT Fibers

ARBI REACTOR [01]
UF *Argonaut Bilbao Reactor*
UF *Bilbao Argonaut Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

ARBITRATION [01]
DA June 1977
RT Hearings
RT Lawsuits

ARBOR PROJECT [01]
DA February 1975
BT1 Nuclear Explosions
BT2 Explosions
RT Contained Explosions
RT Nevada Test Site
RT Underground Explosions

ARBUS REACTOR [01]
UF *Melekess-ARBUS Reactor*

BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 OMR Type Reactors
BT2 Organic Cooled Reactors
BT3 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ARC COAL PROCESS
DA May 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF AVCO Corp. process for production of acetylene and recovery of carbon black, HCN, char, low-BTU fuel gas, and sulfur.

ARC FURNACES [01]
BT1 Furnaces
RT Plasma Furnaces
RT Vacuum Furnaces

ARC WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
NT1 Gas Metal-Arc Welding
NT1 Gas Tungsten-Arc Welding
NT1 Plasma Arc Welding
NT1 Shielded Metal-Arc Welding
NT1 Submerged Arc Welding
RT Electroslag Welding
RT Sputtering

ARCHAEOLOGICAL SITES
DA July 1978
RT Archaeology
RT Pipelines
RT Roads
RT Site Selection

ARCHAEOLOGICAL SPECIMENS [01]
RT Archaeology
RT Cultural Resources
RT Fossils

ARCHAEOLOGY [01]
RT Age Estimation
RT Archaeological Sites
RT Archaeological Specimens

ARCHITECTURE
DA January 1975
RT Aesthetics
RT Buildings
RT Cultural Resources

ARCO PROCESS
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

ARCTIC GAS PIPELINES
DA July 1976
BT1 Pipelines
RT Natural Gas
RT Transport
RT Transportation Systems

ARCTIC OCEAN [01]
DA April 1975
BT1 Seas
BT2 Surface Waters
NT1 Beaufort Sea
NT2 Prudhoe Bay
RT Arctic Regions

ARCTIC REGIONS [01]
BT1 Polar Regions
RT Antarctic Regions
RT Arctic Ocean
RT Auroral Zones
RT Climates
RT Eskimos
RT Glaciers
RT Greenland
RT Ice
RT Lapps
RT Polar-Cap Aurorae
RT Snow
RT Tundra

ARDENNES REACTOR [01]
UF *Chooz Reactor*
UF *SENA Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ARE-RR-1 Reactor
DA April 1975
USE WWR-S-Cairo Reactor

ARF Reactor
USE ARR Reactor

ARFR Reactor
USE ARR Reactor

ARGAND DIAGRAMS [01]
BT1 Scatterplots
BT2 Diagrams
RT Phase Shift
RT Scattering Amplitudes
DEF The real part of a scattering amplitude plotted versus the imaginary one.

ARGENTINA [01]
BT1 South America
BT2 Latin America
NT1 Mendoza
RT Andes

Argentine Reactor RA-0
USE RA-0 Reactor

Argentine Reactor RA-1
USE RA-1 Reactor

Argentine Reactor RA-2
USE RA-2 Reactor

Argentine Reactor RA-3
USE RA-3 Reactor

ARGILLITE
DA July 1979
BT1 Rocks

ARGINASE [01]
BT1 Hydrolases
BT2 Enzymes

ARGININE [01]
UF *Guanidylaminovaleric Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ARGON [01]
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements

ARGON 32 [01]
BT1 Argon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

ARGON 33 [01]
BT1 Argon Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

ARGON 34 [01]
BT1 Argon Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

ARGON 35 [01]
BT1 Argon Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARGON 36 [01]
BT1 Argon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ARGON 37 [01]
BT1 Argon Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

ARGON 38 [01]
BT1 Argon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ARGON 39 [01]
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARGON 40 [01]
BT1 Argon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Argon 40 Beams

ARGON 41 [01]
BT1 Argon Isotopes

BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

ARGON 42 [01]
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARGON 43 [01]
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

ARGON 44 [01]
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARGON 45 [01]
DA May 1975
BT1 Argon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

ARGON 46 [01]
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

ARGON 40 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Argon 40

ARGON BORIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Borides
BT2 Boron Compounds

ARGON CHLORIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ARGON COMPLEXES [01]
BT1 Complexes

ARGON COMPOUNDS [01]
BT1 Rare Gas Compounds
NT1 Argon Borides
NT1 Argon Chlorides
NT1 Argon Fluorides
NT1 Argon Hydrides
NT1 Argon Iodides
NT1 Argon Nitrides

ARGON FLUORIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ARGON HYDRIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

ARGON IODIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ARGON IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

ARGON ISOTOPES [01]
NT1 Argon 32
NT1 Argon 33
NT1 Argon 34
NT1 Argon 35
NT1 Argon 36
NT1 Argon 37
NT1 Argon 38
NT1 Argon 39
NT1 Argon 40
NT1 Argon 41
NT1 Argon 42
NT1 Argon 43
NT1 Argon 44
NT1 Argon 45
NT1 Argon 46

Argon Method
USE Isotope Dating

ARGON NITRIDES [01]
BT1 Argon Compounds
BT2 Rare Gas Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

ARGON 40 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

ARGON 36 TARGET [01]
DA July 1976
BT1 Targets

ARGON 37 TARGET [01]
DA March 1979
BT1 Targets

ARGON 38 TARGET [01]
DA July 1976
BT1 Targets

ARGON 40 TARGET [01]
DA July 1976
BT1 Targets

Argonaut Barcelona Reactor
USE ARGOS Reactor

Argonaut Bilbao Reactor
USE ARBI Reactor

Argonaut Eindhoven Reactor
USE Athene Reactor

Argonaut Lemont Reactor
USE Argonaut Reactor

ARGONAUT REACTOR [01]
UF *Argonaut Lemont Reactor*
UF *CP-11 Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

ARGONAUT TYPE REACTORS [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 AEG-PR-10 Reactor
NT1 ARBI Reactor
NT1 Argonaut Reactor
NT1 ARGOS Reactor
NT1 Athene Reactor
NT1 Jason Reactor
NT1 Juggernaut Reactor
NT1 LFR Reactor
NT1 MOATA Reactor
NT1 Nestor Reactor
NT1 Queen Mary College UTR-B Reactor
NT1 RA-1 Reactor
NT1 RB-2 Reactor
NT1 RIEN-1 Reactor
NT1 SRRC-UTR-100 Reactor
NT1 Stark Reactor
NT1 Strasbourg-Cronenbourg Reactor
NT1 UFTR Reactor
NT1 Ulysse Reactor
NT1 URR Reactor
NT1 UTR-10-Kinki Reactor
NT1 VPI-UTR-10 Reactor

Argonauta Rien-1 Reactor
USE RIEN-1 Reactor

Argonauta Rio Reactor
USE RIEN-1 Reactor

Argonne Advanced Research Reactor
USE CP-6 Reactor

Argonne Fast Source Reactor
USE AFSR Reactor

Argonne Heavy Water Modified Reactor
USE CP-3M Reactor

Argonne Heavy Water Reactor
USE CP-3 Reactor

Argonne High Flux Reactor
USE CP-6 Reactor

Argonne Low Power Research Reactor
USE Juggernaut Reactor

Argonne National Laboratory
USE ANL

Argonne Research Reactor
USE CP-5 Reactor

Argonne Tank Research and Test Reactor-AARR
USE AARR Reactor

Argonne Thermal Source Reactor
USE ATSR Reactor

Argonne ZGS
USE ZGS

ARGOS REACTOR [01]
UF *Argonaut Barcelona Reactor*
UF *Barcelona Argonaut Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

ARGUS EVENT [01]
BT1 Atmospheric Explosions
BT2 Explosions
BT1 Nuclear Explosions
BT2 Explosions

ARID LANDS
DA March 1977
NT1 Deserts
RT Land Use
RT Terrestrial Ecosystems

ARIEL SATELLITES [01]
BT1 Satellites

ARIZONA [01]
BT1 USA
BT2 North America
BT1 Western Region
RT Great Basin

ARKANSAS [01]
BT1 Southwest Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Mississippi River
RT Ozark Region
RT White River Basin

Arkansas Power-Light-1 Reactor
USE Arkansas-1 Reactor

Arkansas Power-Light-2 Reactor
USE Arkansas-2 Reactor

ARKANSAS-1 REACTOR [01]
UF *Arkansas Power-Light-1 Reactor*
UF *Russellville-1 Arkansas Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ARKANSAS-2 REACTOR [01]
UF *Arkansas Power-Light-2 Reactor*
UF *Russellville-2 Arkansas Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ARKANSAS RIVER
DA September 1977
BT1 Rivers
BT2 Streams
BT3 Surface Waters

ARKTIKA REACTOR [01]
DA March 1978
UF *Icebreaker Arktika Reactor*
UF *Nuclear Ship Arktika Reactor*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
RT NS Arktika

ARMATURES
DA September 1976
RT Electric Generators
RT Electric Motors

ARMENIA-1 REACTOR [01]
UF *WWER-4M-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ARMENIA-2 REACTOR [01]
UF *WWER-4M-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ARMF-1 REACTOR [01]
UF *Advanced Reactivity Measurement Facility-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ARMF-2 REACTOR [01]
UF *Advanced Reactivity Measurement Facility-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ARMOR
DA September 1976
RT Guns
RT Projectiles

Armour Research Reactor
USE ARR Reactor

ARMS [01]
DA April 1976
BT1 Limbs
BT2 Body Areas
BT3 Body

Army Materials Research Reactor
USE AMRR Reactor

Army Personnel
USE Military Personnel

Army Pulsed Reactor Assembly
USE APRF Reactor

Aromatic Acids
USE Carboxylic Acids

Aromatic Compounds
USE Aromatics

AROMATICS [01]
UF *Aromatic Compounds*
UF+ *PCB (Polychlorinated Biphenyl)*
BT1 Organic Compounds
NT1 Aniline
NT1 Benzene
NT1 Benzidine
NT1 Bibenzyl
NT1 Biphenyl
NT1 Condensed Aromatics
NT2 Acenaphthene
NT2 Anthracene
NT2 Benzanthracene
NT2 Benzopyrene
NT2 Cholanthrene
NT2 Chrysene
NT2 Dimethylbenzanthracene
NT2 Fluorene
NT2 Indene
NT2 Indocyanine Green
NT2 Naphthalene
NT2 Perylene
NT2 Phenanthrene
NT2 Pyrene
NT2 Tetracene
NT2 Triphenylene
NT2 Violanthrone
NT1 Cumene
NT1 Cymene
NT1 DDT
NT1 Divinylbenzene
NT1 Durene
NT1 Halogenated Aromatic Hydrocarbons
NT2 Brominated Aromatic Hydrocarbons
NT2 Chlorinated Aromatic Hydrocarbons
NT3 Aldrin
NT2 Fluorinated Aromatic Hydrocarbons
NT2 Iodinated Aromatic Hydrocarbons
NT1 Indan
NT1 Mesitylene
NT1 Oligophenylenes
NT1 Pethidine
NT1 Phenols
NT2 Amidol
NT2 BAMBP
NT2 Cresols
NT2 Dinitrophenol
NT2 Eriochrome Dyes
NT2 Naphthols
NT3 Acid Chrome Dyes
NT3 Beryllon
NT3 1-Nitroso-2-Naphthol
NT3 Nitroso-R Salt
NT3 PAN
NT3 Thorin
NT3 Trypan Blue
NT2 Nitrophenol
NT2 Phenol
NT2 Phenolphthalein
NT2 Picric Acid
NT2 Polyphenols
NT3 Arsenazo
NT3 Aurin
NT3 Bromosulfophthalein
NT3 Catecholamines
NT3 Curcumin
NT3 Dopamine
NT3 Fluorescein
NT4 Erythrosine
NT3 Hematoxylin
NT3 Morin
NT3 Pyridylazoresorcinol

NT3 Pyrocatechol
NT3 Pyrogallol
NT3 Quercetin
NT3 Resorcinol
NT3 Stilbestrol
NT3 Tannic Acid
NT3 Tiron
NT2 POP
NT2 Thymol
NT2 Tyramine
NT2 Xylenols
NT1 Polycyclic Aromatic Hydrocarbons
NT2 3-Methylcholanthrene
NT1 Polyphenyls
NT2 Santowax
NT2 Terphenyls
NT3 Terphenyl-Meta
NT3 Terphenyl-Ortho
NT3 Terphenyl-Para
NT1 Quaterphenyls
NT1 Quinones
NT2 Anthraquinones
NT3 Alizarin
NT3 Carminic Acid
NT3 Quinizarin
NT2 Benzoquinones
NT3 Chloranil
NT3 Chloranilic Acid
NT3 Quinhydrone
NT3 Ubiquinone
NT2 Rhodizonic Acid
NT2 Vitamin K
NT1 Stilbene
NT1 Styrene
NT1 Tetralin
NT1 Tolan
NT1 Toluene
NT1 Xylenes
NT2 Xylene-Para
RT Aromatization
RT Cyanine Dyes
RT Hydrocarbons
RT Ninhydrin
RT Oleoresins
RT Organic Coolants
RT Organic Moderators
RT Solvesso
RT Squarylium Dyes
RT Syntans

AROMATIZATION
DA April 1975
BT1 Chemical Reactions
RT Aromatics

ARR REACTOR [01]
UF *APR Reactor*
UF *ARF Reactor*
UF *ARFR Reactor*
UF *Armour Research Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ARRAY PROCESSORS
DA August 1979
RT Computers
RT Data Processing
RT Digital Filters
RT Microprocessors
DEF High-speed arithmetic processor providing floating-point computational power of large computer at low cost.

ARRHENIUS EQUATION [01]
RT Activation Energy
RT Chemical Reaction Kinetics
RT Partition
RT Reaction Kinetics

ARSANILIC ACID [01]
BT1 Amines
BT2 Organic Compounds
BT1 Arsonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Arsenic Compounds
BT3 Arsenic Compounds
BT3 Organic Compounds

ARSENATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Arsenic Compounds
BT1 Oxygen Compounds
RT Arsenic Oxides

ARSENAZO [01]
BT1 Arsonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Arsenic Compounds
BT3 Arsenic Compounds
BT3 Organic Compounds
BT1 Azo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Reagents
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

ARSENIC [01]
BT1 Semimetals
BT2 Elements

ARSENIC 66
DA March 1979
BT1 Arsenic Isotopes
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 67 [01]
DA April 1978
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARSENIC 68 [01]
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 69 [01]
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 70 [01]
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 71 [01]
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 72 [01]
BT1 Arsenic Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 73 [01]
BT1 Arsenic Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 74 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARSENIC 75 [01]
BT1 Arsenic Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

ARSENIC 76 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 77 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 78 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 79 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 80 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARSENIC 81 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ARSENIC 82 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 83 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 84 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 85 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC 86 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ARSENIC 87 [01]
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ARSENIC ADDITIONS [01]
BT1 Arsenic Alloys
BT2 Alloys

ARSENIC ALLOYS [01]
BT1 Alloys
NT1 Arsenic Additions
RT Arsenides

ARSENIC BROMIDES [01]
BT1 Arsenic Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ARSENIC CHLORIDES [01]
BT1 Arsenic Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ARSENIC COMPLEXES [01]
BT1 Complexes

ARSENIC COMPOUNDS [01]
UF *Arsonium Compounds*
NT1 Arsenates
NT1 Arsenic Bromides
NT1 Arsenic Chlorides
NT1 Arsenic Fluorides
NT1 Arsenic Hydrides
NT1 Arsenic Iodides
NT1 Arsenic Oxides
NT2 Hallimondite
NT2 Heinrichite
NT2 Kahlerite
NT2 Kirchheimerite
NT2 Novacekite
NT2 Zeunerite
NT1 Arsenic Selenides
NT1 Arsenic Sulfides
NT1 Arsenic Tellurides
NT1 Arsenides
NT2 Aluminium Arsenides
NT2 Americium Arsenides
NT2 Berkelium Arsenides
NT2 Boron Arsenides
NT2 Cadmium Arsenides
NT2 Californium Arsenides
NT2 Cerium Arsenides
NT2 Cobalt Arsenides
NT2 Curium Arsenides
NT2 Europium Arsenides
NT2 Gadolinium Arsenides
NT2 Gallium Arsenides
NT2 Germanium Arsenides
NT2 Indium Arsenides
NT2 Iron Arsenides
NT2 Magnesium Arsenides
NT2 Manganese Arsenides
NT2 Molybdenum Arsenides
NT2 Neptunium Arsenides
NT2 Nickel Arsenides
NT2 Palladium Arsenides
NT2 Plutonium Arsenides
NT2 Praseodymium Arsenides
NT2 Samarium Arsenides
NT2 Silicon Arsenides
NT2 Silver Arsenides
NT2 Tellurium Arsenides
NT2 Terbium Arsenides
NT2 Thorium Arsenides
NT2 Thulium Arsenides

NT2 Tin Arsenides
NT2 Uranium Arsenides
NT2 Vanadium Arsenides
NT2 Yttrium Arsenides
NT2 Zinc Arsenides
NT2 Zirconium Arsenides
NT1 Cacodylic Acid
NT1 Organic Arsenic Compounds
NT2 Arsonic Acids
NT3 Arsanilic Acid
NT3 Arsenazo
NT3 Beryllon
NT1 Thorin

ARSENIC FLUORIDES [01]
BT1 Arsenic Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ARSENIC HYDRIDES [01]
BT1 Arsenic Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

ARSENIC IODIDES [01]
BT1 Arsenic Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ARSENIC IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ARSENIC ISOTOPES [01]
NT1 Arsenic 66
NT1 Arsenic 67
NT1 Arsenic 68
NT1 Arsenic 69
NT1 Arsenic 70
NT1 Arsenic 71
NT1 Arsenic 72
NT1 Arsenic 73
NT1 Arsenic 74
NT1 Arsenic 75
NT1 Arsenic 76
NT1 Arsenic 77
NT1 Arsenic 78
NT1 Arsenic 79
NT1 Arsenic 80
NT1 Arsenic 81
NT1 Arsenic 82
NT1 Arsenic 83
NT1 Arsenic 84
NT1 Arsenic 85
NT1 Arsenic 86
NT1 Arsenic 87

ARSENIC OXIDES [01]
BT1 Arsenic Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Hallimondite
NT1 Heinrichite
NT1 Kahlerite
NT1 Kirchheimerite
NT1 Novacekite
NT1 Zeunerite
RT Arsenates

ARSENIC SELENIDES [01]
DA August 1975
BT1 Arsenic Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

ARSENIC SULFIDES [01]
BT1 Arsenic Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

ARSENIC 75 TARGET [01]
DA July 1976
BT1 Targets

ARSENIC TELLURIDES [01]
DA August 1975
BT1 Arsenic Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

ARSENIDES [01]
BT1 Arsenic Compounds
BT1 Pnictides
NT1 Aluminium Arsenides
NT1 Americium Arsenides
NT1 Berkelium Arsenides
NT1 Boron Arsenides
NT1 Cadmium Arsenides
NT1 Californium Arsenides
NT1 Cerium Arsenides
NT1 Cobalt Arsenides
NT1 Curium Arsenides
NT1 Europium Arsenides
NT1 Gadolinium Arsenides
NT1 Gallium Arsenides
NT1 Germanium Arsenides
NT1 Indium Arsenides
NT1 Iron Arsenides
NT1 Magnesium Arsenides
NT1 Manganese Arsenides
NT1 Molybdenum Arsenides
NT1 Neptunium Arsenides
NT1 Nickel Arsenides
NT1 Palladium Arsenides
NT1 Plutonium Arsenides
NT1 Praseodymium Arsenides
NT1 Samarium Arsenides
NT1 Silicon Arsenides
NT1 Silver Arsenides
NT1 Tellurium Arsenides
NT1 Terbium Arsenides
NT1 Thorium Arsenides
NT1 Thulium Arsenides
NT1 Tin Arsenides
NT1 Uranium Arsenides
NT1 Vanadium Arsenides
NT1 Yttrium Arsenides
NT1 Zinc Arsenides
NT1 Zirconium Arsenides
RT Arsenic Alloys
RT Intermetallic Compounds

ARSI Reactor
USE Avogadro RS-1 Reactor

ARSONIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
BT1 Organic Arsenic Compounds
BT2 Arsenic Compounds
BT2 Organic Compounds
NT1 Arsanilic Acid
NT1 Arsenazo
NT1 Beryllon

Arsonium Compounds
USE Arsenic Compounds

ARTEMIA [01]
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates
BT4 Animals

ARTERIES [01]
BT1 Blood Vessels
BT2 Cardiovascular System
NT1 Aorta
NT1 Carotid Arteries
NT1 Coronaries
RT Arteriosclerosis
RT Blood Pressure

ARTERIOSCLEROSIS [01]
UF *Atherosclerosis*
BT1 Cardiovascular Diseases
BT2 Diseases
RT Arteries

ARTESIAN BASINS
DA January 1975
RT Aquifers
RT Ground Water
DEF Terranes, often but not necessarily basin shaped, including an artesian aquifer whose potentiometric surface typically is above the land surface in the topographically lower portion of the terrane.

Arthritis
USE Rheumatic Diseases

ARTHROPODS [01]
BT1 Invertebrates
BT2 Animals
NT1 Arachnids
NT2 Mites
NT2 Scorpions
NT2 Spiders
NT2 Ticks
NT1 Crustaceans
NT2 Artemia
NT2 Copepods
NT2 Daphnia
NT2 Lobsters
NT2 Prawns
NT2 Shrimp
NT1 Insects
NT2 Beetles
NT3 Boll Weevil
NT3 Tribolium
NT2 Cockroaches
NT2 Flies
NT3 Fruit Flies
NT4 Ceratitis Capitata
NT4 Dacus
NT5 Dacus Oleae
NT4 Drosophila
NT4 Rhagoletis Cerasi
NT3 Glossina
NT3 Hylemya Antiqua
NT3 Screwworm Fly
NT2 Grasshoppers
NT2 Hemiptera
NT3 Aphids
NT2 Locusts
NT2 Mosquitoes
NT2 Moths
NT3 Bollworm
NT3 Codling Moth
NT3 Lymantria Dispar
NT3 Rice Stem Borers
NT2 Silkworm
NT2 Wasps
NT3 Habrobracon

Arthur D Little Coal Liquefaction Process
DA May 1978
USE ADL Process

ARTIFICIAL LIFTS
DA May 1977
NT1 Gas Lifts
RT Oil Wells
DEF Any method of lifting oil out of underground reservoirs, usually by injecting gas or foam into rock or sand formation to force fluids from wells.

ARTIFICIAL ORGANS [01]
NT1 Mechanical Kidney
RT Mechanical Heart
RT Organs

ARTIFICIAL RADIATION BELTS [01]
BT1 Radiation Belts
RT Nuclear Explosions

ARYL RADICALS [01]
BT1 Radicals
NT1 Anisyl Radicals
NT1 Benzyl Radicals
NT1 Mesityl Radicals
NT1 Naphthyl Radicals
NT1 Phenethyl Radicals
NT1 Phenyl Radicals
NT1 Tolyl Radicals

Arylmagnesium Compounds
USE Grignard Reagents

AS RECYCLING PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing

ASBESTOS [01]
RT Refractories

ASCARIDAE [01]
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
BT1 Parasites
RT Chickens
RT Intestines
RT Man

ASCARIS [01]
BT1 Helminths
BT2 Parasites
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
RT Small Intestine

ASCITES [01]
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
RT Ascites Tumor Cells
RT Ehrlich Ascites Tumor
RT Peritoneum

ASCITES TUMOR CELLS [01]
BT1 Tumor Cells
BT2 Animal Cells
RT Ascites
RT Ehrlich Ascites Tumor
RT Neoplasms

ASCO-1 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ASCO-2 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ASCOLOY [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

ASCORBIC ACID [01]
UF *Vitamin C*
BT1 Vitamins
RT Redox Process

ASDEX TOKAMAK [01]
DA April 1977
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

Ash Separators
DA March 1976
USE Inertial Separators

ASHES [01]
DA April 1975
BT1 Residues
RT Deashing
RT Fly Ash
RT Solid Wastes

Ashing (Dry)
USE Dry Ashing

Ashing (Wet)
USE Wet Ashing

ASI
DA March 1978
USE Adiabatic Surface Ionization

ASIA [01]
NT1 Afghanistan
NT1 Bahrain
NT1 Bangladesh
NT1 Brunei
NT1 Burma
NT1 Cambodia
NT1 China
NT2 Manchuria
NT1 Hong Kong
NT1 India
NT1 Indonesia
NT1 Iran
NT1 Iraq
NT1 Israel
NT1 Japan
NT2 Hachimantai
NT2 Hiroshima
NT2 Nagasaki
NT1 Jordan
NT1 Kuwait
NT1 Laos
NT1 Lebanon
NT1 Macao
NT1 Malaysia
NT1 Nepal
NT1 North Korea
NT1 North Vietnam
NT1 Oman
NT1 Pakistan
NT1 Papua New Guinea
NT1 Philippines
NT1 Qatar
NT1 Republic of Korea
NT1 Saudi Arabia
NT1 Singapore
NT1 South Vietnam
NT1 Sri Lanka
NT1 Syria
NT1 Taiwan
NT1 Thailand
NT1 Tibet
NT1 Turkey
NT1 United Arab Emirates
NT1 Viet Nam

ASPA DEVICE [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

Asparagic Acid
USE Aspartic Acid

ASPARAGINE [01]
UF *Agedoite*
UF *Althein*
UF *Aminosuccinamic Acid-alpha*
UF *Asparagine-Beta*
UF *Asparamide*
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Aspartic Acid

Asparagine-Beta
USE Asparagine

Asparaginic Acid
USE Aspartic Acid

Asparamide
USE Asparagine

ASPARTIC ACID [01]
UF *Aminosuccinic Acid*
UF *Asparagic Acid*
UF *Asparaginic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Asparagine
RT Succinic Acid

ASPECT RATIO [01]
RT Closed Plasma Devices
RT Plasma
RT Tori

ASPENS
DA August 1976
BT1 Trees
BT2 Plants

ASPERGILLUS [01]
BT1 Fungi
BT2 Plants
RT Aflatoxin

ASPHALT RIDGE DEPOSIT
DA May 1977
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Oil Sands
RT Utah

ASPHALTENES
DA January 1975
BT1 Asphalts
BT2 Bitumens
BT3 Tar
BT4 Other Organic Compounds
BT5 Organic Compounds
DEF Any of the components of a bitumen (as asphalt) that are soluble in carbon disulfide but not in paraffin naphtha and that are held to constitute the solid dispersed particles of the bitumen and to consist chiefly of high molecular weight hydrocarbons.

ASPHALTITE [01]
BT1 Other Organic Compounds
BT2 Organic Compounds
RT Bitumens

ASPHALTS [01]
BT1 Bitumens
BT2 Tar
BT3 Other Organic Compounds
BT4 Organic Compounds
NT1 Asphaltenes

Aspirin
DA March 1976
USE Acetylsalicylic Acid

Assaying
USE Qualitative Chemical Analysis

Assessments
USE Charges

Assignments
DA February 1975

USE Allocations

ASSOCIATED GAS
DA March 1978
RT Oil Fields
RT Petroleum Deposits
DEF Gaseous hydrocarbons occurring as a free-gas phase under original oil-reservoir conditions of pressure and temperature.

ASTAR 811C [01]
BT1 Hafnium Additions
BT2 Hafnium Alloys
BT3 Alloys
BT1 Tantalum Base Alloys
BT2 Tantalum Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

ASTATINE [01]
BT1 Halogens
BT2 Nonmetals
BT3 Elements

ASTATINE 195 [01]
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 196 [01]
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 197 [01]
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 198 [01]
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 199 [01]
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 200 [01]
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 201 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 202 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 203 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 204 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 205 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 206 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 207 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 208 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 209 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 210 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

ASTATINE 211 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

ASTATINE 212 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes

BT2 Radioisotopes
BT3 Isotopes

ASTATINE 213 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 214 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 215 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 216 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 217 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 218 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE 219 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Astatine Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ASTATINE ADDITIONS
DA January 1975
BT1 Alloys

ASTATINE BROMIDES [01]
BT1 Astatine Compounds
BT2 Halogen Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ASTATINE CHLORIDES [01]
BT1 Astatine Compounds
BT2 Halogen Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ASTATINE COMPLEXES [01]
BT1 Complexes

ASTATINE COMPOUNDS [01]
BT1 Halogen Compounds
NT1 Astatine Bromides
NT1 Astatine Chlorides
NT1 Astatine Iodides

ASTATINE IODIDES [01]
BT1 Astatine Compounds
BT2 Halogen Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ASTATINE IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ASTATINE ISOTOPES [01]
NT1 Astatine 195
NT1 Astatine 196
NT1 Astatine 197
NT1 Astatine 198
NT1 Astatine 199
NT1 Astatine 200
NT1 Astatine 201
NT1 Astatine 202
NT1 Astatine 203
NT1 Astatine 204
NT1 Astatine 205
NT1 Astatine 206
NT1 Astatine 207
NT1 Astatine 208
NT1 Astatine 209
NT1 Astatine 210
NT1 Astatine 211
NT1 Astatine 212
NT1 Astatine 213
NT1 Astatine 214
NT1 Astatine 215
NT1 Astatine 216
NT1 Astatine 217
NT1 Astatine 218
NT1 Astatine 219

ASTATINE 212 TARGET
DA November 1977
BT1 Targets

ASTEROIDS [01]
RT Planets
RT Solar System

ASTHMA [01]
DA October 1976
BT1 Respiratory System Diseases
BT2 Diseases

ASTR REACTOR [01]
UF *Aerospace System Test Reactor*
UF *Aircraft Shield Test Reactor*
UF *Fort Worth ASTR Reactor*
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ASTRA REACTOR [01]
UF *Adapted Swimming Pool Reactor Austria*
UF *Austrian Research Reactor*
UF *Swimming Pool Tank Reactor Austria*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Astrocytomas
USE Neoplasms

ASTROLOY [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

ASTRON [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices

ASTRONAUTS [01]
BT1 Professional Personnel
BT2 Personnel
RT Aviation Personnel

ASTRONOMY [01]
NT1 Gamma Astronomy
NT1 Radioastronomy
RT Astrophysics
RT Eclipse

RT Stars

ASTROPHYSICS [01]
RT Astronomy
RT Chandrasekhar Theory
RT Cosmology
RT Force-Free Magnetic Fields
RT Galactic Evolution
RT Red Shift

ASYMMETRY [01]
NT1 East-West Asymmetry
NT1 North-South Asymmetry
RT Anisotropy
RT Asymmetry Coefficients
RT Configuration
RT Distribution
RT Orientation
RT Symmetry

ASYMMETRY COEFFICIENTS [01]
RT Asymmetry

Asymptotic Conditions
USE Boundary Conditions

ASYMPTOTIC SOLUTIONS [01]
RT Analytical Solution
RT Boundary Conditions
RT Limiting Fragmentation
RT Mathematics
RT Numerical Solution

ATC DEVICES [01]
UF *Adiabatic Toroidal Compressors*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

ATGAS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF Applied Technology Corporation process for producing intermediate- or high-Btu gas using molten iron gasification technique to gasify all types of coal with steam and oxygen at 5 psia pressure and 2600°F. The process can be adapted to make low-Btu gas by using air instead of oxygen.

ATHABASCA DEPOSIT
DA April 1975
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Alberta
RT Canada
RT Oil Sands

ATHABASCA LAKE [01]
BT1 Lakes
BT2 Surface Waters
RT Alberta
RT Saskatchewan

ATHENE REACTOR [01]
UF *Argonaut Eindhoven Reactor*
UF *Atoomreactor Technische Hogeschool Eindhoven Nederland*
UF *Eindhoven Argonaut Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Atherosclerosis
USE Arteriosclerosis

ATLANTA
DA October 1977
BT1 Georgia
BT2 Southeast Region
BT2 USA
BT3 North America

ATLANTIC OCEAN [01]
BT1 Seas
BT2 Surface Waters
NT1 Baltimore Canyon
NT1 Bay of Fundy
NT1 Biscayne Bay
NT1 Caribbean Sea
NT2 Gulf of Mexico
NT3 Galveston Bay
NT3 San Antonio Bay
NT1 Chesapeake Bay
NT1 Gulf of Maine
NT1 Irish Sea
NT1 North Sea
NT1 Sargasso Sea
RT Georges Bank
RT Gulf Stream
RT Mid-Atlantic Ridge
RT Onslow Bay

ATLANTIC-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT Offshore Nuclear Power Plants

ATLANTIC-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Offshore Nuclear Power Plants
BT2 Nuclear Power Plants
BT3 Nuclear Facilities
BT3 Thermal Power Plants
BT4 Power Plants
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ATLAS COMPUTERS [01]
BT1 Computers

ATLAS ROCKETS [01]
BT1 Rockets
RT Thrusters

ATMOSPHERES [01]
(Not for EARTH ATMOSPHERE.)
NT1 Controlled Atmospheres
NT1 Planetary Atmospheres
NT2 Lunar Atmosphere
NT2 Planetary Magnetospheres
NT1 Solar Atmosphere
NT2 Chromosphere
NT2 Photosphere
NT1 Stellar Atmospheres
NT2 Stellar Magnetospheres

ATMOSPHERIC CHEMISTRY
DA June 1979
BT1 Chemistry
RT Air Pollution
RT Photochemistry
DEF Study of the production, transport, modification, and removal of atmospheric constituents in the troposphere and stratosphere.

ATMOSPHERIC EXPLOSIONS [01]
BT1 Explosions
NT1 Argus Event
NT1 Orange Event
NT1 Starfish Event
NT1 Swordfish Event
NT1 Teak Event
RT Buffalo Project
RT Crossroads Project
RT Dominic Project
RT Earth Atmosphere
RT Nuclear Explosion Detection
RT Nuclear Explosions

Atmospheric Exposure Chambers
DA October 1977
USE Exposure Chambers

ATMOSPHERIC PRECIPITATIONS [01]
UF *Precipitations (Atmospheric)*
NT1 Fog
NT1 Hail
NT1 Rain
NT2 Acid Rain
NT1 Snow
RT Climates
RT Clouds
RT Droplets
RT Earth Atmosphere
RT Environmental Materials
RT Fallout
RT Ground Water
RT Hydrosphere
RT Meteoric Water
RT Meteorology
RT Runoff
RT Seasons
RT Storms
RT Surface Waters
RT Washout
RT Water
RT Weather

ATMOSPHERIC PRESSURE
DA July 1979
RT Earth Atmosphere
RT Pressure Measurement

ATMOSPHERICS [01]
UF *Sferics*
BT1 Radio Noise
BT2 Noise
BT2 Radiowave Radiation
BT3 Electromagnetic Radiation
BT4 Radiations
RT Whistlers

ATOM-ATOM COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
RT Electron Exchange

ATOM COLLISIONS [01]
BT1 Collisions
NT1 Atom-Atom Collisions
NT1 Atom-Molecule Collisions
NT1 Electron-Atom Collisions
NT1 Ion-Atom Collisions
NT1 Photon-Atom Collisions
NT1 Positron-Atom Collisions

ATOM-MOLECULE COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
BT1 Molecule Collisions
BT2 Collisions
RT Electron Exchange

ATOM TRANSPORT [01]
DA June 1975
UF *Transport (Atoms)*
BT1 Neutral-Particle Transport
BT2 Radiation Transport
RT Atoms

RT Diffusion
RT Mass Transfer
RT Transport Theory

Atomic Absorption Spectroscopy
USE Absorption Spectroscopy

ATOMIC BEAM DIFFRACTION [01]
DA October 1975
BT1 Diffraction
BT2 Coherent Scattering
BT3 Scattering
RT Crystallography

ATOMIC BEAM SOURCES [01]
DA November 1977
RT Atomic Beams
RT Beam Injection Heating
RT Ion Sources
RT Neutral Atom Beam Injection

ATOMIC BEAMS [01]
BT1 Beams
RT Atomic Beam Sources
RT Beam Strippers

Atomic Bombs
USE Nuclear Weapons

ATOMIC CLOCKS [01]
RT Electronic Equipment
RT Time Interval Analyzers
RT Time Measurement

Atomic Clouds
USE Radioactive Clouds

ATOMIC ENERGY AGREEMENTS [01]
BT1 International Agreements
BT2 Agreements

ATOMIC ENERGY CONTROL [01]
NT1 International Control
NT1 National Control
RT Safeguards

ATOMIC ENERGY LAWS
BT1 Laws
RT Secrecy Protection

Atomic Energy of Canada LTD
DA November 1977
USE AECL

Atomic Energy Research Establishment
USE AERE

Atomic Explosions
USE Nuclear Explosions

Atomic Fluorescence Spectroscopy
USE Fluorescence Spectroscopy

ATOMIC IONS [01]
DA December 1975
UF *Ions (Atomic)*
BT1 Ions
BT2 Charged Particles
NT1 Actinium Ions
NT1 Aluminium Ions
NT1 Americium Ions
NT1 Antimony Ions
NT1 Arsenic Ions
NT1 Astatine Ions
NT1 Barium Ions
NT1 Berkelium Ions
NT1 Beryllium Ions
NT1 Bismuth Ions
NT1 Boron Ions
NT1 Cadmium Ions
NT1 Calcium Ions
NT1 Californium Ions
NT1 Carbon Ions
NT1 Cerium Ions
NT1 Cesium Ions
NT1 Chromium Ions
NT1 Cobalt Ions
NT1 Copper Ions
NT1 Curium Ions
NT1 Dysprosium Ions
NT1 Einsteinium Ions
NT1 Erbium Ions
NT1 Europium Ions
NT1 Fermium Ions
NT1 Francium Ions
NT1 Gadolinium Ions
NT1 Gallium Ions
NT1 Germanium Ions
NT1 Gold Ions
NT1 Hafnium Ions
NT1 Holmium Ions
NT1 Indium Ions
NT1 Iridium Ions
NT1 Iron Ions
NT1 Lanthanum Ions
NT1 Lead Ions
NT1 Lithium Ions
NT1 Lutetium Ions
NT1 Magnesium Ions
NT1 Manganese Ions
NT1 Mendelevium Ions
NT1 Mercury Ions
NT1 Molybdenum Ions
NT1 Neodymium Ions
NT1 Neptunium Ions
NT1 Nickel Ions
NT1 Niobium Ions
NT1 Nobelium Ions
NT1 Osmium Ions
NT1 Palladium Ions
NT1 Phosphorus Ions
NT1 Platinum Ions
NT1 Plutonium Ions
NT1 Polonium Ions
NT1 Samarium Ions
NT1 Scandium Ions
NT1 Selenium Ions
NT1 Silicon Ions
NT1 Silver Ions
NT1 Sodium Ions
NT1 Strontium Ions
NT1 Sulfur Ions
NT1 Tantalum Ions
NT1 Technetium Ions
NT1 Tellurium Ions
NT1 Terbium Ions
NT1 Thallium Ions
NT1 Thorium Ions
NT1 Thulium Ions
NT1 Tin Ions
NT1 Titanium Ions
NT1 Tungsten Ions
NT1 Uranium Ions
NT1 Vanadium Ions
NT1 Ytterbium Ions
NT1 Yttrium Ions
NT1 Zinc Ions
NT1 Zirconium Ions
RT Argon Ions
RT Chlorine Ions
RT Deuterium Ions
RT Fluorine Ions
RT Helium Ions
RT Hydrogen Ions
RT Krypton Ions
RT Neon Ions
RT Nitrogen Ions
RT Oxygen Ions
RT Radon Ions
RT Tritium Ions
RT Xenon Ions

ATOMIC MODELS [01]
UF *Models (Atomic)*
UF+ *Molecular Orbital Model*
BT1 Mathematical Models
NT1 Thomas-Fermi Model
RT Atomic Radii
RT Bohr Theory
RT Configuration Interaction
RT Electron Correlation
RT Electronic Structure
RT Harmonic Oscillator Models
RT Hartree-Fock Method
RT Optical Models
RT Self-Consistent Field
RT Single-Particle Model

ATOMIC NUMBER [01]
UF *Nuclear Charge*
RT Periodic System
RT Stopping Power

Atomic Power Company Main Yankee
USE Maine Yankee Reactor

ATOMIC RADII [01]
RT Atomic Models
RT Electronic Structure

Atomic Shells
USE Electronic Structure

Atomic Shells (K)
DA August 1976
USE K Shell

Atomic Shells (L)
DA August 1976
USE L Shell

Atomic Shells (M)
DA August 1976
USE M Shell

Atomic Shells (N)
DA October 1978
USE N Shell

Atomic Weapons
USE Nuclear Weapons

Atomics International Aqueous Carbonate Process
DA May 1977
USE AI Aqueous Carbonate Process

ATOMICS INTERNATIONAL CANOGA PARK PLANT [01]
DA November 1976
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT California

Atomics International L-77 Reactor
USE AI-L-77 Reactor

Atomics International Molten Salt Process
DA October 1975
USE Molten Salt Coal Gasification Process

Atomics International Prototype Fast Reactor
USE AIPFR Reactor

ATOMIZATION [01]
RT Aerosols
RT Droplets
RT Fuel Injection Systems
RT Sprays

Atomkraftwerk Muehleberg
USE Muehleberg Reactor

ATOMS [01]
NT1 Hadronic Atoms
NT2 Mesic Atoms
NT3 Kaonic Atoms
NT3 Pionic Atoms
NT2 Protonium
NT1 Isoelectronic Atoms
NT1 Muonic Atoms
RT Atom Transport
RT Aufbau Principle
RT Fundamental Constants
RT Kihara Potential
RT Matrix Isolation
RT Muonium
RT Positronium

Atoomreactor Technische Hogeschool Eindhoven Nederland
USE Athene Reactor

ATP [01]
UF *Adenosine Triphosphate*
BT1 Nucleotides

BT2 Organic Compounds
RT Adenines
RT Adenosine
RT ATP-ASE
RT Cytriphos

ATP-ASE [01]
UF *Adenosine Triphosphatase*
BT1 Phosphatases
BT2 Esterases
BT3 Hydrolases
BT4 Enzymes
RT ATP

ATPR REACTOR [01]
SF *TRIGA-Mk-3 Reactor*
UF *TRIGA-Mk-F Prototype Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ATR REACTOR [01]
UF *Advanced Test Idaho Reactor*
UF *Idaho Advanced Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ATRC REACTOR [01]
UF *Advanced Test Reactor Critical Facility*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ATROPA BELLADONNA [01]
BT1 Medicinal Plants
BT2 Plants
RT Atropine

ATROPHY [01]
BT1 Pathological Changes
BT2 Diseases

ATROPINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Parasympatholytics
BT2 Drugs
RT Atropa Belladonna

ATS SATELLITES [01]
BT1 Satellites

ATSR REACTOR [01]
UF *Argonne Thermal Source Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ATTACHED GREENHOUSES
DA February 1979
BT1 Greenhouses
BT2 Buildings
RT Passive Solar Heating Systems

ATTAPULGITE
DA July 1979
BT1 Clays
BT2 Minerals

ATTENUATION [01]
(In classical physics only; for reducing the intensity of waves when passing through matter; see also ABSORPTION.)
RT Acoustic ESR
RT Acoustic NMR
RT Damping
RT Energy Losses
RT Opacity
RT Transmission

ATTICS
DA March 1979
RT Buildings

ATTITUDE CONTROL
DA July 1975
RT Satellites
RT Space Vehicles

Attitudes
DA July 1977
USE Public Opinion

Attitudes of the Public
DA March 1978
USE Public Opinion

ATUCHA REACTOR [01]
UF *Central Nuclear En Atucha Reactor*
UF *CNA Reactor*
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ATWS [01]
(Anticipated transients without scram.)
DA February 1975
BT1 Reactor Accidents
BT2 Accidents
RT Scram
RT Transients

AUDITORY ORGANS [01]
UF *Ears*
UF+ *Labyrinth*
BT1 Sense Organs
BT2 Organs
BT3 Body
RT Vestibular Apparatus

AUFBAU PRINCIPLE [01]
UF *Aufbauprinzip*
RT Atoms
RT Electronic Structure

Aufbauprinzip
USE Aufbau Principle

AUFWUCHS
DA April 1977
UF *Periphyton*
BT1 Aquatic Organisms
DEF Plants and animals attached to rooted aquatic plants.

AUGER EFFECT [01]
(Includes all particles, processes, and spectra associated with the AUGER EFFECT.)
NT1 Coster-Kronig Transitions
RT Auger Electron Spectroscopy
RT Autoionization
RT Electron Emission
RT Energy-Level Transitions
RT Inner-Shell Ionization

AUGER ELECTRON SPECTROSCOPY [01]
BT1 Electron Spectroscopy
BT2 Spectroscopy
RT Auger Effect

AUGER MINING
DA March 1977
BT1 Mining
RT Hydraulic Mining
RT Mining Equipment
RT Surface Mining

AUGMENTATION
(Methods for increasing, making more numerous, larger, or more intense, e.g., methods for augmentation of heat transfer.)
DA July 1979
UF *Increasing*
RT Expansion
RT Growth

AURATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Gold Oxides

AURIN [01]
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Triphenylmethane Dyes
BT2 Dyes

Aurintricarboxylic Acid
USE Aluminon

AURORAE [01]
NT1 Midday Aurorae
NT1 Polar-Cap Aurorae
RT Airglow
RT Auroral Oval
RT Auroral Zones
RT Charged-Particle Precipitation
RT Electron Precipitation
RT Harang Discontinuity
RT Proton Precipitation
RT Trapped Protons

Auroral Electrojets
USE Electrojets

AURORAL HISS [01]
BT1 Electromagnetic Radiation
BT2 Radiations
RT Ionosphere
RT Whistlers

AURORAL OVAL [01]
NT1 Harang Discontinuity
RT Aurorae
RT Auroral Zones
RT Charged-Particle Precipitation
RT Electron Precipitation
RT Ionosphere
RT Midday Aurorae
RT Polar-Cap Aurorae
RT Polar Cusp
RT Proton Precipitation

Auroral Substorms
USE Magnetic Bays

AURORAL ZONES [01]
UF *Zones (Auroral)*
RT Antarctic Regions
RT Arctic Regions
RT Aurorae
RT Auroral Oval
RT Ionosphere
RT Midday Aurorae
RT Polar-Cap Aurorae

AUSTENITE [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
RT Alloy-N28t3
RT Austenitic Steels
RT Iron-Gamma
RT Martensite
RT Solid Solutions
RT Steel-DIN-1-4948
RT Steel-Kh15n20m2t2
RT Steel-00Kh20n32t
RT Steel-4Kh14nv2m
RT Steel-X6crni1811
DEF A solid solution of carbon in gamma-iron.

AUSTENITIC STEELS [01]
(Prior to February, 1978 STEELS and AUSTENITE were used to index this concept.)
DA February 1978
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
RT Austenite
RT Corrosion Resistant Alloys
RT Heat Resisting Alloys

AUSTRALASIA [01]
NT1 Australia
NT2 New South Wales
NT2 Northern Territory
NT2 Queensland
NT2 South Australia
NT2 Tasmania
NT2 Victoria
NT2 Western Australia
NT1 New Zealand

AUSTRALIA [01]
BT1 Australasia
NT1 New South Wales
NT1 Northern Territory
NT1 Queensland
NT1 South Australia
NT1 Tasmania
NT1 Victoria
NT1 Western Australia
RT Bass Strait
RT Tasman Sea

Australian Atomic Energy Commission
DA April 1978
USE AAEC

Australian MOATA Reactor
USE MOATA Reactor

AUSTRALIAN ORGANIZATIONS [01]
DA May 1977
BT1 National Organizations
NT1 AAEC

Australites
USE Tektites

AUSTRIA [01]
BT1 Europe
RT Alps
RT Danube River
RT IAEA
RT Rhine River

Austrian Research Reactor
USE ASTRA Reactor

Austrian TRIGA-Mark-II Reactor
USE TRIGA-2-Vienna Reactor

AUTOCLAVES [01]
RT Laboratory Equipment
RT Pressure Vessels

AUTOIONIZATION [01]
BT1 Ionization
RT Auger Effect
RT Inner-Shell Ionization

AUTOLYSIS [01]
BT1 Decomposition
BT2 Chemical Reactions
NT1 Autoradiolysis
RT Enzymes

AUTOMATION [01]
RT Distance
RT Reactor Control Systems
RT Remote Handling
RT Work

Automobile Efficiency Standards
DA March 1979
USE Automobiles
AND Efficiency
AND Standards

Automobile Exhaust Reactors
DA November 1975
USE Afterburners

AUTOMOBILE INDUSTRY
DA June 1977
BT1 Industry
RT AAPS

AUTOMOBILES
DA January 1975
UF+ *Automobile Efficiency Standards*
BT1 Vehicles
RT Afterburners
RT Carpooling
RT Catalytic Converters
RT Exhaust Gases
RT Exhaust Recirculation Systems
RT Ignition Systems
RT Mechanical Transmissions
RT Occupants
RT PCV Systems
RT Rankine Cycle Engines
RT Road Tests
RT Spark Ignition Engines
RT Stratified Charge Engines

AUTOMOTIVE FUELS
DA January 1975
BT1 Fuels
RT Carburetors
RT Diesel Fuels
RT Fuel Economy
RT Gasohol
RT Gasoline
RT Gasoline Service Stations
RT Hydrogen Fuels
RT Kerosene
RT Stratified Charge Engines

AUTONOMIC NERVOUS SYSTEM [01]
UF *Parasympathetic Nervous System*
UF *Sympathetic Nervous System*
UF+ *Sympathectomy*
BT1 Nervous System
NT1 Vagus
RT Ganglions
RT Hypothalamus
RT Parasympatholytics
RT Parasympathomimetics
RT Radiation Syndrome
RT Sympatholytics
RT Sympathomimetics

AUTOPSY [01]
BT1 Diagnostic Techniques
RT Biopsy
RT Pathology

Autoradiographs
USE Images

AUTORADIOGRAPHY [01]
UF *Radioautography*
UF *Radiography (Auto)*
RT Ceramography
RT Diagnostic Techniques
RT Industrial Radiography
RT Labelled Compounds
RT Nuclear Emulsions
RT Tracer Techniques

AUTORADIOLYSIS [01]
BT1 Autolysis
BT2 Decomposition
BT3 Chemical Reactions
BT1 Radiolysis
BT2 Chemical Radiation Effects
BT3 Radiation Chemistry
BT4 Chemistry
BT3 Radiation Effects
BT2 Decomposition
BT3 Chemical Reactions
RT Labelled Compounds
RT Self-Irradiation

AUTOTROPHS
DA March 1979
BT1 Microorganisms
RT Single Cell Protein
RT Synthetic Fuels
DEF An organism capable of synthesizing organic nutrients directly from simple inorganic substances, such as carbon dioxide and inorganic nitrogen.

AUTUNITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

AUXILIARY HEATING
DA October 1975
BT1 Space Heating
BT2 Heating

AUXILIARY SYSTEMS
DA January 1975
NT1 Auxiliary Water Systems
NT2 Condenser Cooling Systems
RT Remote Handling Equipment

AUXILIARY WATER SYSTEMS [01]
DA January 1975
UF *Component Cooling Systems*
UF *Refueling Water Systems*
UF *Service Water Systems*
BT1 Auxiliary Systems
NT1 Condenser Cooling Systems
RT Coolant Loops
RT Discharge Canals
RT Drinking Water
RT Feedwater
RT Intake Canals
DEF All water systems in nuclear reactors, except primary and secondary coolant circuits, such as pump cooling systems, service water, etc.

AUXINS [01]
BT1 Plant Growth Regulators

RT Gibberellic Acid

AVAILABILITY [01]
RT Economics
RT Energy Sources
RT Geologic Deposits
RT Ore Composition
RT Production

AVALANCHE QUENCHING [01]
DA January 1975
UF *Quenching (Avalanche)*
RT Geiger-Mueller Counters
RT Ionization Chambers
RT Proportional Counters
RT Townsend Discharge

Avena
USE Oats

Average Magnetic Well
USE Minimum Average-B Configurations

AVG PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

AVIATION FUELS
DA January 1975
UF *Aircraft Fuels*
BT1 Fuels
RT Hydrogen Fuels
RT Jet Engine Fuels

AVIATION PERSONNEL [01]
BT1 Personnel
RT Astronauts
RT Military Personnel

AVOCADOS
DA January 1975
BT1 Fruits
BT2 Food

AVOGADRO RS-1 REACTOR [01]
UF *ARSI Reactor*
UF *RSI Avogadro Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

AVOIDANCE [01]
BT1 Behavior
RT Conditioned Reflexes

AVR REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Pebble Bed Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors

AWAY-FROM-REACTOR STORAGE
DA May 1979
UF *AFR Storage*
BT1 Spent Fuel Storage
RT After-Heat
RT Fuel Pools

Axerophtol
USE Vitamin A

AXIAL RATIO [01]
RT Crystal Structure

AXIAL SYMMETRY [01]
BT1 Symmetry
RT Kerr Field
RT Rotational Invariance

AXIAL-VECTOR CURRENTS [01]
BT1 Algebraic Currents
BT2 Currents
RT PCAC Theory
RT V-A Theory
RT Vector Currents

AXIOMATIC FIELD THEORY [01]
DA March 1978
UF *Axiomatic S-Matrix Theory*
UF *General Quantum Field Theory*
UF *Non Lagrangian Quantum Field Theory*
BT1 Quantum Field Theory
BT2 Field Theories
NT1 Algebraic Field Theory
NT1 LSZ Theory
NT1 Wightman Field Theory

Axiomatic S-Matrix Theory
DA March 1978
USE Axiomatic Field Theory

AXIONS [01]
DA October 1978
BT1 Goldstone Bosons
BT2 Bosons
BT2 Postulated Particles
BT3 Elementary Particles

AXOLOTL [01]
UF *Siredon*
BT1 Salamanders
BT2 Amphibians
BT3 Aquatic Organisms
BT3 Vertebrates
BT4 Animals

Axons
USE Nerve Cells

Azaguanine
USE Antimetabolites

AZBEL-KANER RESONANCE [01]
BT1 Cyclotron Resonance
BT2 Resonance
RT Metals
DEF A type of cyclotron resonance in high-purity metals at liquid helium temperature.

AZEOTROPE [01]
RT Boiling Points
RT Distillation

AZIDES [01]
(For inorganic compounds only. For organic azides, use AZIDO COMPOUNDS.)
BT1 Nitrogen Compounds
RT Azido Compounds
RT Hydrazoic Acid

AZIDO COMPOUNDS [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
RT Azides

AZIMUTH
DA December 1975
RT Altitude

Azimuthal Pinch Devices (Linear)
USE Linear Theta Pinch Devices

AZINES [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Phenothiazines
NT2 Chlorpromazine
NT2 Methylene Blue
NT1 Pyrazines
NT2 Neutral Red
NT2 Phenazine
NT2 Piperazines
NT1 Pyridazines
NT2 Phthalazines
NT1 Pyridines
NT2 Acridines
NT3 Acridine Orange
NT3 Acridones
NT3 Flavines
NT4 Acriflavine
NT4 Proflavine
NT2 Bipyridines
NT2 Diodrast
NT2 Nicotinamide
NT2 Nicotine
NT2 Nicotinic Acid
NT2 PAN
NT2 Phenatine
NT2 Picolines
NT3 Picolinic Acid
NT2 Piperidines
NT3 Pethidine
NT3 TAN
NT2 Pyridine
NT2 Pyridinium Compounds
NT2 Pyridoxal
NT2 Pyridoxine
NT2 Pyridoxylideneglutamate
NT2 Pyridylazoresorcinol
NT2 Quinolines
NT3 Ferron
NT3 Kynurenic Acid
NT3 Oxine
NT3 Quinaldine
NT1 Pyrimidines
NT2 Alloxan
NT2 Barbiturates
NT3 Amytal
NT3 Nembutal
NT3 Phenobarbital
NT3 Thiopental
NT2 Cytidine
NT2 Cytosine
NT2 Deoxycytidine
NT2 Murexide
NT2 Sulfadiazine
NT2 Thiamine
NT2 Thymidine
NT2 Uracils
NT3 Bromouracils
NT4 BUDR
NT3 Deoxyuridine
NT3 Fluorouracils
NT4 FUDR
NT3 Iodouracils
NT4 Iododeoxyuridine
NT3 Orotic Acid
NT3 Thiouracil
NT3 Thymine
NT3 Uridine
NT1 Triazines
NT2 Cyanurates
NT2 Melamine
DEF Compounds that contain a six-membered heterocyclic ring containing one or more nitrogen atoms.

AZO COMPOUNDS [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Arsenazo
NT1 Azo Dyes
NT2 Acid Chrome Dyes
NT2 Beryllon
NT2 Congo Red
NT2 Eriochrome Dyes
NT2 Erioglaucine
NT2 Evans Blue
NT2 Methyl Orange

NT2 Methyl Red
NT2 Toluidine Blue
NT2 Trypan Blue
NT1 Cycasin

AZO DYES [01]
BT1 Azo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Dyes
NT1 Acid Chrome Dyes
NT1 Beryllon
NT1 Congo Red
NT1 Eriochrome Dyes
NT1 Erioglaucine
NT1 Evans Blue
NT1 Methyl Orange
NT1 Methyl Red
NT1 Toluidine Blue
NT1 Trypan Blue
RT Diazo Compounds

AZOLES [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Carbazoles
NT1 Imidazoles
NT2 Allantoin
NT2 Benzimidazoles
NT2 Biotin
NT2 Creatinine
NT2 Histamine
NT2 Histidine
NT2 Metronidazole
NT2 Urocanic Acid
NT1 Oxadiazoles
NT1 Oxazoles
NT2 Benzoxazoles
NT2 Pemoline
NT2 POPOP
NT1 Pyrazoles
NT2 Indazoles
NT2 Pyrazolines
NT3 Antipyrine
NT1 Pyrroles
NT2 Bilirubin
NT2 Biliverdin
NT2 Indoles
NT3 Indocyanine Green
NT3 Lysergic Acid
NT3 Reserpine
NT3 Strychnine
NT3 Tryptamines
NT4 Bufotenine
NT4 Melatonin
NT4 Serotonin
NT5 Mexamine
NT3 Tryptophan
NT3 Vinblastine
NT2 Pyrrolidines
NT3 Hydroxyproline
NT3 Nicotine
NT3 Proline
NT2 Pyrrolidones
NT3 PVP
NT2 Stercobilin
NT2 Urobilinogen
NT1 Tetrazoles
NT2 Tetrazolium
NT1 Thiadiazoles
NT1 Thiazoles
NT2 Benzothiazoles
NT2 Saccharin
NT2 Thiamine
NT1 Triazoles
DEF Compounds that contain a five-membered heterocylic ring containing one or more nitrogen atoms.

AZORES ISLANDS
DA April 1975
BT1 Portugal
BT2 Europe

AZOTOBACTER [01]
BT1 Bacteria
BT2 Microorganisms

AZULENE [01]
BT1 Hydrocarbons
BT2 Organic Compounds

AZUR REACTOR [01]
(Uncooled, fuel variably enriched.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

B CENTERS
DA February 1975
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

B CODES [01]
BT1 Computer Codes

B-1235 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

BABCOCK AND WILCOX-DUPONT PROCESS
DA May 1977
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Entrainment
DEF Entrained oxygen-blown coal gasification system, utilizing a design to remove bulk of slag from ash and to cool remainder by passage through a water-wall chamber above the coal feed point, is capable of operation at elevated pressures and designed to tolerate molten coal ash.

Babcock And Wilcox LPR Reactor
USE LPR Reactor

Babcock And Wilcox Standard Reactor
DA February 1975
USE BW Standard Reactor

Babcock And Wilcox Test Reactor
USE BAWTR Reactor

BABESIDAE [01]
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
RT Erythrocytes
RT Parasites

Baboons
USE Apes

BACH-TAMAID THEORY [01]
RT Particle Structure

BACILLUS [01]
BT1 Bacteria
BT2 Microorganisms
NT1 Bacillus Cereus
NT1 Bacillus Megaterium
NT1 Bacillus Subtilis
NT1 Ferrobacillus Ferrooxidans
NT1 Thiobacillus Ferroxidans
NT1 Thiobacillus Oxidans

BACILLUS CEREUS [01]
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms

BACILLUS MEGATERIUM [01]
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms

BACILLUS SUBTILIS [01]
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms

BACKBENDING [01]
DA April 1977
RT Angular Momentum
RT Coriolis Force
RT Deformed Nuclei
RT High Spin States
RT Moment of Inertia
RT Nuclear Structure
RT Rotational States
RT VMI Model
RT Yrast States
DEF The sudden increase of the moment of inertia of deformed nuclei at a critical angular momentum.

BACKFILLING
DA February 1976
RT Coal Mines
RT Land Reclamation
RT Mines
RT Stowing

BACKGROUND NOISE [01]
BT1 Noise
RT Radio Noise

BACKGROUND RADIATION [01]
UF *Terrestrial Background*
BT1 Radiations
RT Cosmic Radiation
RT Natural Radioactivity

BACKSCATTERING [01]
BT1 Scattering
RT Albedo-Neutron Dosemeters
RT Angular Distribution
RT Reflection

BACKWARD WAVE TUBES [01]
BT1 Microwave Tubes
BT2 Electron Tubes
BT2 Microwave Equipment
BT3 Electronic Equipment

Bacon
USE Meat

BACTERIA [01]
UF *Cells (Bacterial)*
BT1 Microorganisms
NT1 Actinomyces
NT1 Aerobacter
NT1 Aeromonas
NT1 Azotobacter
NT1 Bacillus
NT2 Bacillus Cereus
NT2 Bacillus Megaterium
NT2 Bacillus Subtilis
NT2 Ferrobacillus Ferrooxidans
NT2 Thiobacillus Ferroxidans
NT2 Thiobacillus Oxidans
NT1 Brucella
NT1 Clostridium
NT2 Clostridium Botulinum
NT2 Clostridium Perfringens
NT1 Coliforms
NT1 Corynebacterium Parvum
NT1 Escherichia Coli
NT1 Haemophilus
NT1 Klebsiella
NT1 Lactobacillus
NT1 Meningococcus

NT1 Methanogenic Bacteria
NT1 Micrococcus
NT2 Micrococcus Luteus
NT2 Micrococcus Lysodeicticus
NT2 Micrococcus Radiodurans
NT1 Mycobacterium
NT2 Mycobacterium Tuberculosis
NT1 Nocardia
NT1 Photosynthetic Bacteria
NT1 Pneumococcus
NT1 Proteus
NT1 Pseudomonas
NT1 Rhodopseudomonas
NT1 Rhodospirillum
NT1 Salmonella
NT2 Salmonella Typhimurium
NT1 Serratia
NT1 Shigella
NT1 Spirochaetes
NT1 Staphylococcus
NT1 Streptococcus
NT1 Streptomyces
NT1 Thermoactinomyces
RT Bacterial Spores
RT Bacteriophages
RT Disinfectants
RT Endotoxins
RT Germ-Free Animals
RT Host-Cell Reactivation
RT Infectious Diseases
RT Infectivity
RT Mycoplasma
RT Nitrogen Fixation
RT Plankton
RT Toxins
RT Vaccines

BACTERIAL SPORES [01]
BT1 Spores
RT Bacteria
RT Preservation
RT Sterilization

BACTERIOPHAGES [01]
UF *Phages*
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
RT Bacteria
RT Host-Cell Reactivation
RT Plaque Formation

BADDELEYITE [01]
BT1 Hafnium Oxides
BT2 Hafnium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Zirconium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds
RT Caldasite

Baer Walls
DA February 1979
USE Drum Walls

BAFFLED TUBES [01]
BT1 Tubes
RT Baffles

BAFFLES
DA November 1976
RT Baffled Tubes
RT Diffusers
RT Fluid Flow
DEF A plate that regulates the flow of a fluid, e.g., a heat exchanger, boiler flue, or automotive muffler.

BAG MODEL [01]
DA November 1975
UF *Quark Confinement*
BT1 Extended Particle Model
BT2 Particle Models
BT3 Mathematical Models
BT1 Quark Model
BT2 Composite Models
BT3 Particle Models
BT4 Mathematical Models
RT Quantum Chromodynamics
DEF A relativistic particle model in which some hadronic fields are confined within a finite region of space by the action of a uniform phenomenological external pressure.

BAGASSE
DA January 1976
BT1 Agricultural Wastes
BT2 Solid Wastes
BT3 Wastes
RT Cellulose

BAGHOUSES
DA March 1978
BT1 Pollution Control Equipment
BT2 Equipment
RT Air Pollution Control
RT Fabric Filters
RT Filters
DEF A structure for holding bag filters for removing suspended dusts and fumes from airstreams.

BAHAMA ISLANDS [01]
BT1 West Indies
BT2 Dominican Republic
BT3 Central America
BT4 Latin America

BAHRAIN
DA October 1976
BT1 Asia
BT1 Middle East

BAILIE PROCESS
DA July 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Pyrolysis
RT Solid Wastes
RT Waste Processing Plants
DEF Fluidized-bed pyrolysis process using air for conversion of municipal solid waste into intermediate Btu gas.

BAILLY-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BAINITE [01]
RT Martensite
RT Steels

BAKELITE [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
RT Formaldehyde
RT Phenols
RT Resins

BAKING [01]
BT1 Heating

BAL [01]
(British anti-Lewisite)
UF *Dimercaprol*
UF *Dimercaptopropanol*
BT1 Chelating Agents
BT1 Dithiols
BT2 Reagents
BT2 Thiols
BT3 Organic Sulfur Compounds
BT4 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
RT Unithiol

Balance (Energy)
DA June 1975
USE Energy Balance

Balance (Mass)
DA June 1975
USE Mass Balance

BALANCES [01]
BT1 Weight Indicators
BT2 Measuring Instruments
NT1 Microbalances
RT Weight Measurement

Balances (Magnetic)
USE Magnetic Balances

Balescu Theory
USE Prigogine Theorem

BALL BEARINGS [01]
BT1 Bearings

BALL LIGHTNING [01]
BT1 Lightning
BT2 Electric Discharges

BALLASTS
DA February 1979
RT Fluorescent Lamps
RT Lighting Systems
DEF Devices that limit the current of fluorescent or mercury lamps to the required value for proper operation.

BALLOONING INSTABILITY
DA August 1979
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability

BALLOONS [01]
RT Aircraft

BALMER LINES [01]
(Includes all aspects of the transitions associated with BALMER LINES.)
UF *Balmer Spectra*
UF *H-Alpha Line*
UF *H-Beta Line*
UF *H-Gamma Line*
RT Hydrogen
RT Rydberg Correction
RT Spectra

Balmer Spectra
USE Balmer Lines

BALNEOLOGY [01]
BT1 Medicine
RT Therapy
RT Water
DEF The science of the healing qualities of baths, esp. with natural mineral waters.

BALTIC SEA [01]
BT1 Seas
BT2 Surface Waters

BALTIMORE CANYON
DA December 1978
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
DEF Depression off Middle Atlantic states.

BAMAG PROCESS
DA April 1977

RT Desulfurization
RT Materials Recovery
RT Sulfur
RT Waste Processing
DEF German process uses a proprietary catalyst to reduce SO_2 to elemental sulfur using a medium Btu town gas derived from a coking process and consisting of H_2, CH_4 & CO.

BAMBP [01]
UF *Butyl-alpha-Methylbenzylphenol*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds

BANACH SPACE [01]
BT1 Mathematical Space
BT2 Space
NT1 Hilbert Space
RT Vectors

BANANA PLANTS [01]
DA January 1976
BT1 Plants

BANANA REGIME [01]
DA May 1975
BT1 Trapping
RT Stellarators
RT Tokamak Devices
RT Toroidal Pinch Devices
RT Trapped-Particle Instability
DEF A specific mechanism of particle trapping in toroidal devices.

BANANAS [01]
BT1 Fruits
BT2 Food
RT Fruit Trees

BAND THEORY [01]
RT Brillouin Zones
RT Electronic Structure
RT Energy Gap
RT Fermi Level
RT Graded Band Gaps
RT Wigner-Seitz Method

BANDING TECHNIQUES [01]
DA July 1978
RT Biological Localization
RT Chromosomal Aberrations
RT Chromosomes
RT Stains

BANEBERRY EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

BANGLADESH [01]
UF *East Pakistan*
UF *Pakistan (East)*
BT1 Asia
RT Ganga River

Banon Event
DA June 1977
USE Anvil Project

BARBITURATES [01]
UF *Barbituric Acid*
BT1 Hypnotics and Sedatives
BT2 Drugs
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Amytal
NT1 Nembutal
NT1 Phenobarbital
NT1 Thiopental
RT Anesthetics

Barbituric Acid
USE Barbiturates

BARC [01]
DA May 1975
UF *Bhabha Atomic Research Center*
BT1 Indian Organizations
BT2 National Organizations

Barcelona Argonaut Reactor
USE ARGOS Reactor

Bardeen-Cooper-Schrieffer Theory
USE BCS Theory

BARGES
DA January 1977
RT Ships
RT Transport

BARITE [01]
BT1 Barium Sulfates
BT2 Barium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Minerals
DEF A white, yellow, or colorless orthorhombic mineral: $BaSO_4$.

BARIUM [01]
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements

BARIUM 117 [01]
DA January 1976
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 119 [01]
DA January 1975
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 120 [01]
DA June 1975
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 121 [01]
DA January 1975
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 122 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 123 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 124 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 125 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 126 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 127 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 128 [01]
BT1 Barium Isotopes

BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 129 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 130 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 131 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 132 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 133 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 134 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 135 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 136 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 137 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 138 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BARIUM 139 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 140 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 141 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 142 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 143 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 144 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes

BARIUM 145 [01]
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 146 [01]
DA January 1975
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 147 [01]
DA October 1977
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BARIUM 148 [01]
DA March 1976
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM 149 [01]
DA January 1975
BT1 Barium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BARIUM ADDITIONS [01]
BT1 Barium Alloys
BT2 Alloys

BARIUM ALLOYS [01]
BT1 Alloys
NT1 Barium Additions
NT1 Barium Base Alloys

BARIUM BASE ALLOYS [01]
BT1 Barium Alloys
BT2 Alloys

BARIUM BORIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Borides
BT2 Boron Compounds

BARIUM BROMIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BARIUM CARBIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbides
BT2 Carbon Compounds

BARIUM CARBONATES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

BARIUM CHLORIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BARIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

BARIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Barium Borides
NT1 Barium Bromides
NT1 Barium Carbides
NT1 Barium Carbonates
NT1 Barium Chlorides
NT1 Barium Fluorides
NT1 Barium Hydrides
NT1 Barium Hydroxides
NT1 Barium Iodides
NT1 Barium Nitrates
NT1 Barium Nitrides
NT1 Barium Oxides
NT2 Billietite
NT2 Heinrichite
NT1 Barium Perchlorates
NT1 Barium Phosphates
NT1 Barium Silicates
NT1 Barium Sulfates
NT2 Barite
NT2 Uranocircite
NT1 Barium Sulfides
NT1 Barium Tungstates

BARIUM FLUORIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BARIUM HYDRIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

BARIUM HYDROXIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

BARIUM IODIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

BARIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

BARIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Barium 117
NT1 Barium 119
NT1 Barium 120
NT1 Barium 121
NT1 Barium 122
NT1 Barium 123
NT1 Barium 124
NT1 Barium 125
NT1 Barium 126
NT1 Barium 127
NT1 Barium 128
NT1 Barium 129
NT1 Barium 130
NT1 Barium 131
NT1 Barium 132
NT1 Barium 133
NT1 Barium 134
NT1 Barium 135
NT1 Barium 136
NT1 Barium 137
NT1 Barium 138
NT1 Barium 139
NT1 Barium 140
NT1 Barium 141
NT1 Barium 142
NT1 Barium 143
NT1 Barium 144
NT1 Barium 145
NT1 Barium 146
NT1 Barium 147
NT1 Barium 148
NT1 Barium 149

BARIUM NITRATES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

BARIUM NITRIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

BARIUM OXIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Billietite
NT1 Heinrichite

BARIUM PERCHLORATES
DA November 1975
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

BARIUM PHOSPHATES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BARIUM SILICATES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds

BT2 Silicon Compounds

BARIUM SULFATES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Barite
NT1 Uranocircite

BARIUM SULFIDES [01]
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

BARIUM 127 TARGET
DA May 1977
BT1 Targets

BARIUM 130 TARGET [01]
DA July 1976
BT1 Targets

BARIUM 134 TARGET [01]
DA July 1976
BT1 Targets

BARIUM 135 TARGET [01]
DA March 1977
BT1 Targets

BARIUM 136 TARGET [01]
DA July 1976
BT1 Targets

BARIUM 137 TARGET [01]
DA June 1977
BT1 Targets

BARIUM 138 TARGET [01]
DA July 1976
BT1 Targets

BARIUM 139 TARGET [01]
DA July 1976
BT1 Targets

BARIUM TUNGSTATES [01]
DA March 1976
BT1 Barium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Tungstates

BARLEY [01]
UF *Hordeum*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

BARN REACTOR [01]
UF *Wageningen BARN Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

BARNWELL FUEL PROCESSING PLANT [01]
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

BAROMETERS [01]
BT1 Pressure Gages
BT2 Measuring Instruments

Barriers
DA January 1975
SEE Diffusion Barriers
OR Ventilation Barriers

BARSEBAECK-1 REACTOR [01]
UF *Sydsvenska Kraft AB Reactor 1*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BARSEBAECK-2 REACTOR [01]
DA July 1978
UF *Sydsvenska Kraft AB Reactor 2*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BARTLESVILLE ENERGY TECHNOLOGY CENTER
DA October 1978
BT1 US DOE
BT2 US Organizations
BT3 National Organizations

BARTON-1 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BARTON-2 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BARTON-3 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BARTON-4 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BARYON-BARYON INTERACTIONS [01]
BT1 Hadron-Hadron Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Hyperon-Hyperon Interactions
NT1 Nucleon-Antinucleon Interactions
NT2 Antiproton-Neutron Interactions
NT2 Neutron-Antineutron Interactions
NT2 Proton-Antineutron Interactions
NT2 Proton-Antiproton Interactions
NT1 Nucleon-Deuteron Interactions
NT2 Antineutron-Deuteron Interactions
NT2 Antiproton-Deuteron Interactions
NT2 Neutron-Deuteron Interactions
NT2 Proton-Deuteron Interactions
NT1 Nucleon-Hyperon Interactions
NT1 Nucleon-Nucleon Interactions
NT2 Neutron-Neutron Interactions
NT2 Proton-Nucleon Interactions
NT3 Proton-Neutron Interactions
NT3 Proton-Proton Interactions

BARYON DECUPLETS [01]
BT1 Particle Multiplets
BT2 Multiplets

BARYON-EXCHANGE MODELS [01]
BT1 Peripheral Models
BT2 Particle Models
BT3 Mathematical Models

BARYON NUMBER [01]
RT Baryons
RT Gauge Invariance

Baryon Number 2 Resonances
DA February 1979
USE Dibaryon Resonances

BARYON OCTETS [01]
BT1 Particle Multiplets
BT2 Multiplets
RT Octet Model

BARYON REACTIONS [01]
BT1 Hadron Reactions
BT2 Nuclear Reactions
NT1 Hyperon Reactions
NT1 Nucleon Reactions
NT2 Antinucleon Reactions
NT3 Antineutron Reactions
NT3 Antiproton Reactions
NT2 Neutron Reactions
NT3 Fast Fission
NT3 Thermal Fission
NT2 Proton Reactions

BARYON RESONANCES [01]
BT1 Baryons
BT2 Fermions
BT2 Hadrons
BT3 Elementary Particles
BT1 Resonance Particles
BT2 Hadrons
BT3 Elementary Particles
NT1 Charmed Baryon Resonances
NT2 C-2260 Resonances
NT2 Lambda-2250 Resonances
NT1 Dibaryon Resonances
NT1 D*Resonances
NT1 N*Resonances
NT2 Delta-1236 Resonances
NT2 Delta-1650 Resonances
NT2 Delta-1670 Resonances
NT2 Delta-1877 Resonances
NT2 Delta-1890 Resonances
NT2 Delta-1910 Resonances
NT2 Delta-1950 Resonances
NT2 Delta-1960 Resonances
NT2 Delta-2200 Resonances
NT2 Delta-2420 Resonances
NT2 Delta-2850 Resonances
NT2 Delta-3230 Resonances
NT2 N-1470 Resonances
NT2 N-1520 Resonances
NT2 N-1535 Resonances
NT2 N-1680 Resonances
NT2 N-1688 Resonances
NT2 N-1700 Resonances
NT2 N-1780 Resonances
NT2 N-1860 Resonances
NT2 N-1990 Resonances

NT2 N-2040 Resonances
NT2 N-2190 Resonances
NT2 N-2650 Resonances
NT2 N-3030 Resonances
NT1 Y*Resonances
NT2 Lambda-1405 Resonances
NT2 Lambda-1520 Resonances
NT2 Lambda-1670 Resonances
NT2 Lambda-1690 Resonances
NT2 Lambda-1815 Resonances
NT2 Lambda-1830 Resonances
NT2 Lambda-2100 Resonances
NT2 Lambda-2250 Resonances
NT2 Lambda-2350 Resonances
NT2 Sigma-1385 Resonances
NT2 Sigma-1580 Resonances
NT2 Sigma-1620 Resonances
NT2 Sigma-1640 Resonances
NT2 Sigma-1660 Resonances
NT2 Sigma-1670 Resonances
NT2 Sigma-1750 Resonances
NT2 Sigma-1765 Resonances
NT2 Sigma-1910 Resonances
NT2 Sigma-1940 Resonances
NT2 Sigma-2030 Resonances
NT2 Sigma-2250 Resonances
NT2 Sigma-2455 Resonances
NT2 Sigma-2595 Resonances
NT2 Xi-1530 Resonances
NT2 Xi-1630 Resonances
NT2 Xi-1820 Resonances
NT2 Xi-1930 Resonances
NT2 Xi-2030 Resonances
NT1 Z*Resonances

BARYON SPECTROSCOPY [01]
DA February 1979
BT1 Spectroscopy

BARYONIUM [01]
DA April 1978
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
RT Protonium
DEF Baryonium states, narrow resonances near p-anti p threshold, are mesons that have quantum numbers of a 2 quark-2 antiquark system and couple predominantly to baryon-antibaryon systems.

BARYONS [01]
BT1 Fermions
BT1 Hadrons
BT2 Elementary Particles
NT1 Antibaryons
NT2 Antihyperons
NT3 Antilambda Particles
NT3 Antiomega Particles
NT3 Antisigma Particles
NT3 Antixi Particles
NT2 Antinucleons
NT3 Antineutrons
NT3 Antiprotons
NT1 Baryon Resonances
NT2 Charmed Baryon Resonances
NT3 C-2260 Resonances
NT3 Lambda-2250 Resonances
NT2 Dibaryon Resonances
NT2 D*Resonances
NT2 N*Resonances
NT3 Delta-1236 Resonances
NT3 Delta-1650 Resonances
NT3 Delta-1670 Resonances
NT3 Delta-1877 Resonances
NT3 Delta-1890 Resonances
NT3 Delta-1910 Resonances
NT3 Delta-1950 Resonances
NT3 Delta-1960 Resonances
NT3 Delta-2200 Resonances
NT3 Delta-2420 Resonances
NT3 Delta-2850 Resonances
NT3 Delta-3230 Resonances
NT3 N-1470 Resonances
NT3 N-1520 Resonances
NT3 N-1535 Resonances
NT3 N-1680 Resonances
NT3 N-1688 Resonances
NT3 N-1700 Resonances
NT3 N-1780 Resonances
NT3 N-1860 Resonances
NT3 N-1990 Resonances
NT3 N-2040 Resonances
NT3 N-2190 Resonances
NT3 N-2650 Resonances
NT3 N-3030 Resonances
NT2 Y*Resonances
NT3 Lambda-1405 Resonances
NT3 Lambda-1520 Resonances
NT3 Lambda-1670 Resonances
NT3 Lambda-1690 Resonances
NT3 Lambda-1815 Resonances
NT3 Lambda-1830 Resonances
NT3 Lambda-2100 Resonances
NT3 Lambda-2250 Resonances
NT3 Lambda-2350 Resonances
NT3 Sigma-1385 Resonances
NT3 Sigma-1580 Resonances
NT3 Sigma-1620 Resonances
NT3 Sigma-1640 Resonances
NT3 Sigma-1660 Resonances
NT3 Sigma-1670 Resonances
NT3 Sigma-1750 Resonances
NT3 Sigma-1765 Resonances
NT3 Sigma-1910 Resonances
NT3 Sigma-1940 Resonances
NT3 Sigma-2030 Resonances
NT3 Sigma-2250 Resonances
NT3 Sigma-2455 Resonances
NT3 Sigma-2595 Resonances
NT3 Xi-1530 Resonances
NT3 Xi-1630 Resonances
NT3 Xi-1820 Resonances
NT3 Xi-1930 Resonances
NT3 Xi-2030 Resonances
NT2 Z*Resonances
NT1 Hyperons
NT2 Antihyperons
NT3 Antilambda Particles
NT3 Antiomega Particles
NT3 Antisigma Particles
NT3 Antixi Particles
NT2 Lambda Particles
NT2 Omega Particles
NT3 Omega Minus
NT2 Sigma Particles
NT3 Sigma Minus
NT3 Sigma Neutral
NT3 Sigma Plus
NT2 Xi Particles
NT3 Xi Minus
NT3 Xi Neutral
NT1 Nucleons
NT2 Neutrons
NT3 Cold Neutrons
NT4 Ultracold Neutrons
NT3 Cosmic Neutrons
NT3 Epithermal Neutrons
NT3 Fast Neutrons
NT3 Fission Neutrons
NT4 Delayed Neutrons
NT4 Prompt Neutrons
NT3 Intermediate Neutrons
NT3 Photoneutrons
NT3 Pile Neutrons
NT3 Polyneutrons
NT4 Dineutrons
NT4 Trineutrons
NT3 Resonance Neutrons
NT3 Slow Neutrons
NT3 Solar Neutrons
NT3 Tetraneutrons
NT3 Thermal Neutrons
NT2 Photonucleons
NT3 Photoneutrons
NT2 Protons
NT3 Cosmic Protons
NT3 Delayed Protons
NT3 Diprotons
NT3 Photoprotons
NT3 Prompt Protons
NT3 Solar Protons
NT3 Trapped Protons
RT Baryon Number

BASAL METABOLISM [01]
BT1 Metabolism

BASALT [01]
BT1 Igneous Rocks
BT2 Rocks

BASEBALL DEVICES [01]
BT1 Open Plasma Devices
BT2 Thermonuclear Devices

BASEBALL SEAM CONFIGURATIONS [01]
BT1 Open Configurations
BT2 Magnetic Field Configurations

BASEBOARD HEATING
DA September 1977
BT1 Electric Heating
BT2 Heating
RT Space Heating

Basedow's Disease
USE Hyperthyroidism

Basel University AGN-211 Reactor
USE AGN-211P-100 Reactor

BASELINE ECOLOGY
DA April 1977
BT1 Ecology
RT Species Diversity
DEF The ecological situation, or studies of that situation, that exists at a site or geographical region before some development is made in the area; it provides a basis for evaluating impact of the development.

BASES [01]
NT1 Coal Tar Bases
NT1 Lewis Bases
NT1 Shale Tar Bases
RT Anhydrides
RT Hydroxides
RT PH Value

BASF-Industriekernkraftwerk Reactor 1
USE BASF-1 Reactor

BASF-Industriekernkraftwerk Reactor 2
USE BASF-2 Reactor

BASF-1 REACTOR [01]
UF *BASF-Industriekernkraftwerk Reactor 1*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BASF-2 REACTOR [01]
UF *BASF-Industriekernkraftwerk Reactor 2*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BASIC [01]
DA September 1975
BT1 Programming Languages

BASIC INTERACTIONS [01]
BT1 Interactions
NT1 Electromagnetic Interactions
NT2 Annihilation
NT2 Compton Effect
NT2 Coulomb Scattering
NT2 Electroproduction

NT2 Photon-Hadron Interactions
NT3 Photon-Baryon Interactions
NT4 Photon-Hyperon Interactions
NT4 Photon-Nucleon Interactions
NT5 Photon-Neutron Interactions
NT5 Photon-Proton Interactions
NT3 Photon-Deuteron Interactions
NT3 Photon-Meson Interactions
NT2 Photon-Photon Interactions
NT2 Photoproduction
NT3 Primakoff Effect
NT2 Umklapp Processes
NT1 Gravitational Interactions
NT1 Strong Interactions
NT2 Charge-Exchange Interactions
NT2 Peripheral Collisions
NT1 Weak Interactions
NT2 Fermi Interactions
NT2 Leptonic Decay
RT Conservation Laws
RT Invariance Principles
RT Neutral-Current Interactions

BASOPHILS [01]
BT1 Leukocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials

Basophils (Connective Tissue)
USE Mast Cells

BASS STRAIT
DA April 1977
BT1 Seas
BT2 Surface Waters
RT Australia

BASSETITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

BASTNAESITE [01]
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

BATCH CULTURE
DA June 1978
RT Anaerobic Digestion
RT Continuous Culture
RT Fermentation
RT Semibatch Culture
RT Single Cell Protein

BATCH LOADING [01]
BT1 Reactor Fueling

Bates Linac MIT
DA March 1978
USE MIT Bates Linac

BATHYMETRY
DA July 1978
RT Geophysics
RT Seas
DEF The measurement of ocean depths and the charting of the topography of the ocean floor.

BATS
DA June 1975
BT1 Mammals
BT2 Vertebrates
BT3 Animals

Battelle Coal-Cleaning Process
DA September 1975
USE Battelle Hydrothermal Coal Process

BATTELLE COLUMBUS LABORATORY [01]
DA November 1976
RT Ohio

BATTELLE HYDROTHERMAL COAL PROCESS
DA September 1975
UF *Battelle Coal-Cleaning Process*
RT Desulfurization
DEF A closed-loop leaching process for removal of up to 99% pyritic S and 70% organic S to produce solid fuel.

BATTELLE PACIFIC NORTHWEST LABORATORIES
DA July 1976
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Hanford Reservation
RT HAPO

Battelle Research Reactor
USE BRR Reactor

Batteries (Electric)
USE Electric Batteries

Batteries (Isotopic)
DA June 1975
USE Radioisotope Batteries

BATTERY CHARGERS
DA January 1975
NT1 Solar Battery Chargers
RT Battery Charging

BATTERY CHARGING
DA January 1975
RT Battery Chargers

BATTERY PASTE
DA August 1976
RT Electric Batteries
RT Electrodes
RT Grids

BATTERY SEPARATORS
DA April 1975
RT Electric Batteries

BATYL ALCOHOL [01]
UF *Octadecyl Glyceryl Ether-alpha*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Glycerol

BAUXITE [01]
DA January 1975
BT1 Aluminium Ores
BT2 Ores
BT1 Minerals
RT Aluminium Hydroxides
DEF A ferruginous aluminium hydroxide essentially $Al_2O_3.2H_2O$ but consisting of several minerals.

BAWTR REACTOR [01]
UF *Babcock And Wilcox Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BAY OF FUNDY
(This bay is presently being considered as the site of a sizeable tidal power plant.)
DA January 1975
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
BT1 Bays
RT Canada

BAYARD-ALPERT GAGES [01]
BT1 Ionization Gages
BT2 Vacuum Gages
BT3 Pressure Gages
BT4 Measuring Instruments

BAYLEYITE [01]
BT1 Magnesium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT1 Uranium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

BAYS
DA January 1975
NT1 Bay of Fundy
NT1 Biscayne Bay
NT1 Delaware Bay
NT1 Galveston Bay
NT1 Onslow Bay
NT1 Sequim Bay
RT Seas

BBGKY EQUATION [01]
UF *BBGKY Hierarchy*
UF *BBGKY Theory*
UF *Bogolyubov Theory*
UF *Born-Bogolyubov-Green-Kirkwood-Yvon*
BT1 Differential Equations
BT2 Equations
RT Statistical Mechanics

BBGKY Hierarchy
USE BBGKY Equation

BBGKY Theory
USE BBGKY Equation

BCC LATTICES [01]
UF *Body Centered Cubic*
BT1 Cubic Lattices
BT2 Crystal Lattices
BT3 Crystal Structure

BCOCLMCNM [01]
(Brussels Convention on Civil Liability for Maritime Carriage of Nuclear Materials.)
UF *Liability Conv Maritime Carriage Nuclear Materials*
UF *Maritime Carriage Liability Conv Brussels 1971*
BT1 International Agreements
BT2 Agreements
RT Civil Liability

BCOLONS [01]
(Brussels Convention on Liability for Operation ofNuclear Ships)
BT1 International Agreements
BT2 Agreements
RT Civil Liability
RT Nuclear Ships

BCR Process
DA April 1977

USE Tri-Gas Process

BCS THEORY [01]
UF *Bardeen-Cooper-Schrieffer Theory*
RT Superconductivity

BCSTPC [01]
(Brussels Convention - supplement to Paris Convention on Third Party Liability)
UF *Liability Conv on Third Party, Brussels*
BT1 International Agreements
BT2 Agreements
RT Civil Liability
RT PCOTPL

BEAD WALLS
DA February 1979
BT1 Passive Solar Cooling Systems
BT2 Solar Cooling Systems
BT1 Passive Solar Heating Systems
BT2 Solar Heating Systems
BT3 Heating Systems
RT Thermal Insulation
RT Walls
RT Windows

BEAGLES [01]
BT1 Dogs
BT2 Mammals
BT3 Vertebrates
BT4 Animals

BEAM ACCEPTANCE [01]
UF *Acceptance (Beam)*
RT Beam Optics

BEAM ANALYZERS [01]
(For momentum analysis of charged particle beams.)
NT1 Electrostatic Analyzers
NT1 Magnetic Analyzers
RT Beam Monitors
RT Monochromators

BEAM-BEAM INTERACTIONS
DA May 1979
BT1 Beam Dynamics
RT Beam Stacking
RT Colliding Beams

BEAM BENDING MAGNETS [01]
BT1 Magnets
RT Beam Optics
RT Magnetic Analyzers

BEAM BUNCHERS [01]
RT Beam Bunching

BEAM BUNCHING [01]
UF *Bunching (Beam)*
BT1 Beam Dynamics
RT Beam Bunchers
RT Beam Optics
RT Beam Shaping

Beam Choppers
DA February 1975
USE Beam Pulsers

Beam Cooling
(By means of low energy electron beams.)
DA May 1979
USE Electron Cooling

BEAM CURRENTS [01]
UF *Currents (Beam)*
BT1 Currents
NT1 Amp Beam Currents
NT1 Kilo Amp Beam Currents
NT1 Mega Amp Beam Currents
NT1 Micro Amp Beam Currents
NT1 Milli Amp Beam Currents
NT1 Nano Amp Beam Currents
NT1 Pico Amp Beam Currents
RT Beam Monitoring
RT Beam Monitors
RT Faraday Cups

BEAM DUMPS [01]
RT Accelerator Facilities
RT Accelerators
DEF Mass of shielding material to absorb an accelerator beam after experimental use.

BEAM DYNAMICS [01]
UF *Dynamics (Beam)*
NT1 Beam-Beam Interactions
NT1 Beam Bunching
NT1 Betatron Oscillations
NT1 Phase Oscillations
NT1 Synchrotron Oscillations
RT Accelerators
RT Beam Optics
RT Beam Stacking
RT Dynamics
RT Electron Cooling
RT Negative Mass Effect
RT Orbit Stability
RT Orbits
RT Phase Stability
RT Trajectories
DEF Particle beam motion inside an accelerator.

BEAM EMITTANCE [01]
UF *Emittance (Beam)*
RT Beam Optics
RT Brightness

BEAM EXTRACTION [01]
UF *Extraction (Beam)*
RT Beam Optics
RT Kicker Magnets
RT Septum Magnets

BEAM FOCUSING MAGNETS [01]
BT1 Magnets
RT Beam Optics
RT Quadrupole Moments

Beam-Foil Spectroscopy
USE Ion Spectroscopy

Beam-Gas Spectroscopy
USE Ion Spectroscopy

BEAM HOLES [01]
BT1 Reactor Channels
BT2 Reactor Components
BT1 Reactor Experimental Facilities
BT2 Reactor Components
DEF Hole through a reactor for the passage of a beam of radiation for experiments outside the reactor.

BEAM INJECTION [01]
UF *Injection (Beams)*
NT1 Cluster Beam Injection
NT1 Electron Beam Injection
NT1 Ion Beam Injection
NT2 Molecular Ion Beam Injection
NT1 Neutral Atom Beam Injection
NT1 Plasma Beam Injection
NT1 Relativistic Beam Injection
RT Beam Injection Heating
RT Beam Optics
RT Beam Production
RT Particle Boosters
RT Thermonuclear Devices

BEAM INJECTION HEATING [01]
BT1 Plasma Heating
BT2 Heating
RT Atomic Beam Sources
RT Beam Injection

BEAM LUMINOSITY [01]
RT Colliding Beams
RT Interactions
DEF Colliding beam interaction rate.

BEAM MONITORING [01]
UF *Monitoring (Beam)*
BT1 Monitoring
RT Beam Currents
RT Beam Monitors
RT Beam Position
RT Beam Profiles
RT Magnetoinduction Sensors

BEAM MONITORS [01]
BT1 Measuring Instruments
NT1 Beam Scanners
NT1 Faraday Cups
NT1 Magnetoinduction Sensors
RT Accelerator Facilities
RT Beam Analyzers
RT Beam Currents
RT Beam Monitoring
RT Beam Position
RT Beam Profiles

BEAM NEUTRALIZATION [01]
UF *Neutralization (Beam)*
RT Charge Exchange
RT Ionization
RT Particle Beams

BEAM OPTICS [01]
RT Alignment
RT Beam Acceptance
RT Beam Bending Magnets
RT Beam Bunching
RT Beam Dynamics
RT Beam Emittance
RT Beam Extraction
RT Beam Focusing Magnets
RT Beam Injection
RT Beam Shaping
RT Beam Splitting
RT Beam Transport
RT Chromatic Aberrations
RT Collimators
RT Electrostatic Septa
RT Focusing
RT Geometrical Aberrations
RT Kicker Magnets
RT Monochromators
RT Optics
RT Septum Magnets

BEAM-PLASMA SYSTEMS [01]
RT Beams
RT Plasma

BEAM POSITION [01]
RT Beam Monitoring
RT Beam Monitors
RT Beam Scanners

BEAM PRODUCTION [01]
UF *Production (Beam)*
RT Beam Injection

BEAM PROFILES [01]
UF *Beam Widths*
RT Beam Monitoring
RT Beam Monitors
RT Beam Scanners
RT Beam Shaping

BEAM PULSERS [01]
DA January 1975
UF *Beam Choppers*
UF *Choppers (Beam)*
UF *Pulsed Beam Deflectors*
NT1 Neutron Choppers
RT Beam Shaping
RT Pulsed Irradiation
RT Pulses

BEAM SCANNERS [01]
BT1 Beam Monitors
BT2 Measuring Instruments
RT Beam Position
RT Beam Profiles

BEAM SEPARATORS [01]
(For velocity separation of secondary beams.)
RT Accelerators

BEAM SHAPING [01]
DA June 1975
RT Beam Bunching
RT Beam Optics
RT Beam Profiles
RT Beam Pulsers
RT Focusing

BEAM SPLITTING [01]
DA June 1975

RT Beam Optics

BEAM STACKING [01]
RT Beam-Beam Interactions
RT Beam Dynamics

BEAM STRIPPERS [01]
UF *Stripper Foils*
UF *Strippers*
RT Atomic Beams
RT Charge Exchange
RT Electron Loss
RT Ion Beams

BEAM TRANSPORT [01]
RT Beam Optics

Beam Widths
USE Beam Profiles

BEAMS [01]
NT1 Antiparticle Beams
NT2 Antineutrino Beams
NT2 Antinucleon Beams
NT3 Antiproton Beams
NT1 Atomic Beams
NT1 Cluster Beams
NT1 Colliding Beams
NT1 Ion Beams
NT2 Aluminium 27 Beams
NT2 Argon 40 Beams
NT2 Beryllium 7 Beams
NT2 Beryllium 9 Beams
NT2 Boron 10 Beams
NT2 Boron 11 Beams
NT2 Bromine 79 Beams
NT2 Calcium 40 Beams
NT2 Calcium 48 Beams
NT2 Carbon 12 Beams
NT2 Carbon 13 Beams
NT2 Carbon 14 Beams
NT2 Chlorine 35 Beams
NT2 Copper 63 Beam
NT2 Copper 63 Beams
NT2 Deuteron Beams
NT2 Fluorine 19 Beams
NT2 Germanium 74 Beams
NT2 Germanium 76 Beams
NT2 Gold 197 Beams
NT2 Helium 3 Beams
NT2 Helium 4 Beams
NT3 Alpha Beams
NT2 Hydrogen 1 Minus Beams
NT2 Iodine 127 Beams
NT2 Iron 56 Beams
NT2 Iron 58 Beams
NT2 Krypton 84 Beams
NT2 Lanthanum 139 Beams
NT2 Lead 208 Beams
NT2 Lithium 6 Beams
NT2 Lithium 7 Beams
NT2 Magnesium 24 Beams
NT2 Neon 20 Beams
NT2 Neon 22 Beams
NT2 Nickel 58 Beams
NT2 Nickel 60 Beams
NT2 Nitrogen 14 Beams
NT2 Oxygen 16 Beams
NT2 Oxygen 18 Beams
NT2 Potassium 39 Beams
NT2 Potassium 41 Beams
NT2 Silicon 28 Beams
NT2 Silver 107 Beams
NT2 Sodium 23 Beams
NT2 Sulfur 32 Beams
NT2 Triton Beams
NT2 Tungsten 184 Beams
NT2 Uranium 238 Beams
NT2 Xenon 129 Beams
NT2 Xenon 131 Beams
NT2 Xenon 132 Beams
NT2 Xenon 136 Beams
NT1 Molecular Beams
NT1 Particle Beams
NT2 Hyperon Beams
NT3 Lambda Particle Beams
NT3 Omega Particle Beams
NT3 Sigma Particle Beams
NT3 Xi Particle Beams
NT2 Lepton Beams
NT3 Electron Beams
NT3 Muon Beams
NT3 Neutrino Beams
NT3 Positron Beams
NT2 Meson Beams
NT3 Eta Meson Beams
NT3 Kaon Beams
NT3 Pion Beams
NT2 Nucleon Beams
NT3 Neutron Beams
NT3 Proton Beams
NT2 Secondary Beams
NT1 Photon Beams
NT1 Polarized Beams
RT Beam-Plasma Systems
RT Stern-Gerlach Experiment

Beams (Structural)
DA August 1977
USE Structural Beams

Bean Plant
USE Phaseolus

BEANS [01]
BT1 Vegetables
BT2 Food
RT Phaseolus

BEARINGS [01]
NT1 Ball Bearings
NT1 Gas Bearings
NT1 Hydrostatic Bearings
NT1 Journal Bearings
NT1 Magnetic Bearings
NT1 Roller Bearings
RT Bushings
RT Lubrication
RT Tribology

BEAUFORT SEA
DA April 1977
BT1 Arctic Ocean
BT2 Seas
BT3 Surface Waters
NT1 Prudhoe Bay

BEAUTY PARTICLES
DA April 1979
BT1 Postulated Particles
BT2 Elementary Particles
RT Quark Model

BEAVER VALLEY-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BEAVER VALLEY-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BEAVERLODGE [01]
BT1 Alberta
BT2 Canada
BT3 North America

BEAVERLODGE MINE [01]
(Saskatchewan, Canada.)
DA December 1975
BT1 Uranium Mines
BT2 Mines
RT Canada

BEAVON PROCESS
DA January 1975
RT Desulfurization
DEF Process for sulfur removal for purification of Claus unit tail gas to well below 250 ppM of SO_2; process combines hydrogenation, cooling, and wet oxidative extraction and yields sulfur by-product.

BECQUERELITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

BEDROCK PROJECT [01]
DA July 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

BEECH TREES
DA September 1978
BT1 Trees
BT2 Plants

Beef
USE Meat

Bees
USE Insects

BEETLES [01]
UF *Weevils*
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
NT1 Boll Weevil
NT1 Tribolium

BEETS [01]
BT1 Vegetables
BT2 Food
NT1 Sugar Beets

BEHAVIOR [01]
(Limited to living systems.)
UF *Psychology*
NT1 Avoidance
RT Aesthetics
RT Biological Adaptation
RT Central Nervous System
RT Cerebral Cortex
RT Competition
RT Insect Dispersal
RT Learning
RT Leisure Time Activities
RT Mental Disorders
RT Physiology
RT Predator-Prey Interactions
RT Radiation Syndrome
RT Reflexes

Belgian Reactor 1
USE BR-1 Reactor

Belgian Reactor 02
USE BR-02 Reactor

Belgian Reactor 2
USE BR-2 Reactor

Belgian Reactor 3
USE BR-3 Reactor

Belgian Reactor-3/Vulcain
USE BR-3-VN Reactor

BELGIUM [01]
BT1 Europe

Bell Inequality
DA November 1976
USE Bell Theorem

BELL REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BELL THEOREM [01]
DA November 1976
UF *Bell Inequality*
RT Hidden Variables
RT Quantum Mechanics
DEF A theorem proving certain quantum mechanical predictions are inconsistent with the entire family of local hidden variable theories.

BELLEFONTE-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BELLEFONTE-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BELLOWS [01]
DA January 1975
BT1 Mechanical Structures
RT Expansion Joints
DEF Mechanical structures with walls like those of an accordion.

BELOYARSK-1 REACTOR [01]
SF *Urals Atomic Power Station*
UF *BNPS-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BELOYARSK-2 REACTOR [01]
SF *Urals Atomic Power Station*
UF *BNPS-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BELOYARSK-3 REACTOR [01]
SF *Urals Atomic Power Station*
UF *BN-600 Reactor*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

BELT PINCH [01]
BT1 Longitudinal Pinch
BT2 Pinch Effect

BELYAEV THEORY [01]
RT Superconductivity

BENCH-SCALE EXPERIMENTS
DA January 1975
UF *Laboratory Scale Experiments*
RT Demonstration Plants
RT Field Tests
RT Process Development Units

BENCHMARKS
DA September 1978
RT Data
RT Standards

BENDING [01]
RT Deformation
RT Flexural Strength

BENFIELD PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of CO_2, H_2S, and COS from sour natural gas and raw gases produced during manufacture of substitute natural gas by partial oxidation of coal or oil or by naphtha reforming.

BENHAM EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
RT Seismic Detection

Beni Oil
USE Sesame Oil

Benne Oil
USE Sesame Oil

BENTHOS
DA July 1976
BT1 Aquatic Organisms
RT Aquatic Ecosystems
DEF Aquatic bottom dwelling organisms.

BENTONITE [01]
BT1 Inorganic Ion Exchangers
BT2 Ion Exchange Materials
BT1 Minerals
RT Montmorillonite
DEF A soft, plastic, porous, light-colored rock consisting largely of coloidal silica and composed essentially of clay minerals (chiefly of the montmorillonite group).

BENZALDEHYDE [01]
UF *Benzoic Aldehyde*
BT1 Aldehydes
BT2 Organic Compounds

BENZANTHRACENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

BENZEDRINE [01]
UF *Amphetamine*
UF *Phenylisopropylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Sympathomimetics
BT2 Drugs

BENZENE [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Aniline
RT Nitrobenzene

Benzenedicarboxylic Acid-ortho
USE Phthalic Acid

Benzenedicarboxylic Acid-para
USE Terephthalic Acid

BENZHYDROL [01]
UF *Benzohydrol*
UF *Diphenylcarbinol*
UF *Diphenylmethanol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

BENZIDINE [01]
UF *Biphenyldiamine*
UF *Diaminobiphenyl*
BT1 Amines
BT2 Organic Compounds
BT1 Aromatics
BT2 Organic Compounds
RT Biphenyl
RT Congo Red

BENZILIC ACID [01]
UF *Diphenylglycolic Acid*
UF *Hydroxydiphenylacetic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

BENZIMIDAZOLES [01]
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

Benzine
DA December 1975
USE Ligroin

BENZOFURANS [01]
BT1 Furans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Organic Polymers
RT Psoralen

Benzohydrol
USE Benzhydrol

BENZOHYDROXAMIC ACID [01]
BT1 Hydroxamic Acids
BT2 Amines
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Benzoic Acid

BENZOIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Benzohydroxamic Acid
RT Benzoyl Peroxide
RT Hypaque

Benzoic Aldehyde
USE Benzaldehyde

BENZOINOXIME [01]
BT1 Oximes
BT2 Amines
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

BENZOPHENONE [01]
UF *Diphenyl Ketone*
BT1 Ketones
BT2 Organic Compounds

BENZOPINACOL [01]
UF *Tetraphenylethylene Glycol*
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds

BENZOPYRENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Benzopyrroles
USE Indoles

BENZOQUINONES [01]
UF *Chinone*
UF *Quinone*
BT1 Quinones
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
NT1 Chloranil
NT1 Chloranilic Acid
NT1 Quinhydrone
NT1 Ubiquinone

BENZOTHIAZOLES [01]
BT1 Thiazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

Benzothiophenes
USE Thionaphthenes

BENZOXAZOLES [01]
BT1 Oxazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

BENZOYL PEROXIDE [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Peroxides
BT2 Oxygen Compounds
RT Benzoic Acid

BENZOYL RADICALS [01]
BT1 Radicals

Benzoylaminoacetic Acid
USE Hippuric Acid

BENZOYLATION [01]
BT1 Acylation
BT2 Chemical Reactions

Benzoylglycine
USE Hippuric Acid

Benzoylglycocoll
USE Hippuric Acid

Benzoylphenylhydroxylamine
USE BPH

BENZYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

BEPO REACTOR [01]
UF *British Experimental Pile Operation*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BEPPU GEOTHERMAL FIELD
DA September 1977
BT1 Geothermal Fields
RT Japan

BER-1 REACTOR [01]
UF *Berlin-1 Research Reactor*
UF *Forschungsreaktor Berlin-1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BER-2 REACTOR [01]
UF *Berlin-2 Research Reactor*
UF *Forschungsreaktor Berlin-2*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BERGBAUFORSCHUNG-FOSTER WHEELER PROCESS
DA April 1977
UF *BF/WF Process*
RT Bergbauforschung Process
RT Denitrification
RT Desulfurization
RT Waste Processing
DEF Dry process using a moving bed of char to adsorb sulfur dioxide, nitrogen oxides, and particulates from flue gas and produce elemental sulfur. Unique features include louvered, moving bed adsorber, hot inert sand for thermal regeneration of char, and utilizing coal to reduce sulfur dioxide to sulfur.

BERGBAUFORSCHUNG PROCESS
DA September 1977
RT Bergbauforschung-Foster Wheeler Process
RT Desulfurization
RT Waste Processing
DEF SO_2 removal at 120 to 150°C by adsorption on activated cokes with sulfur recovery.

BERGIUS PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Catalytic conversion of coal to synthetic crude oil by treatment with hydrogen at elevated pressures and temperatures.

BERING SEA [01]
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters
RT Aleutian Islands

Berkeley Bevalac
DA May 1979
USE Bevalac

Berkeley Escar Storage Ring
DA May 1979
USE ESCAR

Berkeley Nuclear Laboratory Reactor
DA January 1975
USE BNL Reactor

BERKELEY REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Berkeley Superhilac
USE SuperHilac

BERKELEY SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Berkeley TRIGA Reactor
USE UCBRR Reactor

BERKELIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

BERKELIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes

BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 241 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BERKELIUM 242 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BERKELIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BERKELIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BERKELIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 249 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BERKELIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BERKELIUM 251 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Berkelium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BERKELIUM ADDITIONS
DA January 1975
BT1 Alloys

BERKELIUM ALLOYS [01]
DA October 1978
BT1 Alloys

BERKELIUM ARSENIDES [01]
DA October 1978
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

BERKELIUM BORIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Borides
BT2 Boron Compounds

BERKELIUM BROMIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BERKELIUM CARBIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Carbides
BT2 Carbon Compounds

BERKELIUM CARBONATES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

BERKELIUM CHLORIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BERKELIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

BERKELIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Berkelium Arsenides
NT1 Berkelium Borides
NT1 Berkelium Bromides
NT1 Berkelium Carbides
NT1 Berkelium Carbonates
NT1 Berkelium Chlorides
NT1 Berkelium Fluorides
NT1 Berkelium Hydrides
NT1 Berkelium Hydroxides
NT1 Berkelium Iodides
NT1 Berkelium Nitrates
NT1 Berkelium Nitrides
NT1 Berkelium Oxides
NT1 Berkelium Phosphates
NT1 Berkelium Phosphides
NT1 Berkelium Selenides
NT1 Berkelium Silicates
NT1 Berkelium Sulfates
NT1 Berkelium Sulfides
NT1 Berkelium Tellurides

BERKELIUM FLUORIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides

BT3 Halogen Compounds

BERKELIUM HYDRIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

BERKELIUM HYDROXIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

BERKELIUM IODIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

BERKELIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

BERKELIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Berkelium 240
NT1 Berkelium 241
NT1 Berkelium 242
NT1 Berkelium 243
NT1 Berkelium 244
NT1 Berkelium 245
NT1 Berkelium 246
NT1 Berkelium 247
NT1 Berkelium 248
NT1 Berkelium 249
NT1 Berkelium 250
NT1 Berkelium 251

BERKELIUM NITRATES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

BERKELIUM NITRIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

BERKELIUM OXIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

BERKELIUM PHOSPHATES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BERKELIUM PHOSPHIDES [01]
DA October 1978
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

BERKELIUM SELENIDES [01]
DA October 1978
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

BERKELIUM SILICATES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

BERKELIUM SULFATES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

BERKELIUM SULFIDES [01]
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

BERKELIUM 249 TARGET [01]
DA November 1976
BT1 Targets

BERKELIUM TELLURIDES [01]
DA October 1978
BT1 Berkelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Berl Saddles
USE Column Packing

Berlin-1 Research Reactor
USE BER-1 Reactor

Berlin-2 Research Reactor
USE BER-2 Reactor

BERNOULLI LAW [01]
RT Fluid Flow

BERNSTEIN MODE [01]
BT1 Oscillation Modes
RT Cyclotron Harmonics

BERRIES [01]
BT1 Fruits
BT2 Food

BERYL [01]
BT1 Beryllium Silicates
BT2 Beryllium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

Beryllia
DA May 1979
USE Beryllium Oxides

BERYLLIOSIS [01]
BT1 Pneumoconioses
BT2 Respiratory System Diseases
BT3 Diseases
RT Beryllium Compounds

BERYLLIUM [01]
UF *Beryllium Moderators*
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements
NT1 Beryllium-Alpha
NT1 Beryllium-Beta
RT Moderators

BERYLLIUM 5 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM 6 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM 7 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM 8 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BERYLLIUM 9 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BERYLLIUM 10 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BERYLLIUM 11 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BERYLLIUM 12 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM 13 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM 14 [01]
BT1 Beryllium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

BERYLLIUM ADDITIONS [01]
BT1 Beryllium Alloys
BT2 Alloys

BERYLLIUM ALLOYS [01]
BT1 Alloys
NT1 Beryllium Additions
NT1 Beryllium Base Alloys
NT1 HAVAR
RT Moderators

BERYLLIUM-ALPHA [01]
BT1 Beryllium
BT2 Alkaline Earth Metals
BT3 Metals
BT4 Elements

BERYLLIUM BASE ALLOYS [01]
BT1 Beryllium Alloys
BT2 Alloys

BERYLLIUM 7 BEAMS [01]
BT1 Ion Beams
BT2 Beams

BERYLLIUM 9 BEAMS [01]
BT1 Ion Beams
BT2 Beams

BERYLLIUM-BETA [01]
BT1 Beryllium
BT2 Alkaline Earth Metals
BT3 Metals
BT4 Elements

BERYLLIUM BORIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Borides
BT2 Boron Compounds

BERYLLIUM BROMIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BERYLLIUM CARBIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbides
BT2 Carbon Compounds

BERYLLIUM CARBONATES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

BERYLLIUM CHLORIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BERYLLIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

BERYLLIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Beryllium Borides
NT1 Beryllium Bromides
NT1 Beryllium Carbides
NT1 Beryllium Carbonates
NT1 Beryllium Chlorides
NT1 Beryllium Fluorides
NT1 Beryllium Hydrides
NT1 Beryllium Hydroxides
NT1 Beryllium Iodides
NT1 Beryllium Nitrates
NT1 Beryllium Nitrides
NT1 Beryllium Oxides
NT1 Beryllium Phosphates
NT1 Beryllium Phosphides
NT1 Beryllium Selenides
NT1 Beryllium Silicates
NT2 Beryl
NT2 Helvite
NT1 Beryllium Sulfates
NT1 Beryllium Sulfides
NT1 Beryllium Tellurides
NT1 Gadolinite
RT Berylliosis
RT Moderators

BERYLLIUM FLUORIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
RT Flibe

BERYLLIUM HYDRIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

BERYLLIUM HYDROXIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

BERYLLIUM IODIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

BERYLLIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

BERYLLIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Beryllium 5
NT1 Beryllium 6
NT1 Beryllium 7
NT1 Beryllium 8
NT1 Beryllium 9
NT1 Beryllium 10
NT1 Beryllium 11
NT1 Beryllium 12
NT1 Beryllium 13
NT1 Beryllium 14

BERYLLIUM MODERATED REACTORS [01]
BT1 Metal Moderated Reactors
BT2 Reactors
NT1 Agata Reactor
NT1 BR-02 Reactor
NT1 EBOR Reactor
NT1 ITR Reactor
NT1 Maria Reactor
NT1 Nuclear Furnace Reactor

Beryllium Moderators
USE Beryllium

BERYLLIUM NITRATES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

BERYLLIUM NITRIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

BERYLLIUM OXIDES [01]
UF *Beryllia*
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Moderators

BERYLLIUM PHOSPHATES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BERYLLIUM PHOSPHIDES [01]
DA June 1977
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

BERYLLIUM 9 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

BERYLLIUM SELENIDES
DA May 1977
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

BERYLLIUM SILICATES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Beryl
NT1 Helvite

BERYLLIUM SULFATES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

BERYLLIUM SULFIDES [01]
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfides

BT2 Chalcogenides
BT2 Sulfur Compounds

BERYLLIUM 6 TARGET
DA May 1977
BT1 Targets

BERYLLIUM 7 TARGET [01]
DA December 1976
BT1 Targets

BERYLLIUM 8 TARGET [01]
DA March 1979
BT1 Targets

BERYLLIUM 9 TARGET [01]
DA July 1976
BT1 Targets

BERYLLIUM 10 TARGET [01]
DA July 1976
BT1 Targets

BERYLLIUM TELLURIDES
DA May 1977
BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

BERYLLON [01]
UF *DSNADNS*
BT1 Arsonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Arsenic Compounds
BT3 Arsenic Compounds
BT3 Organic Compounds
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

BESM COMPUTERS [01]
BT1 Computers

Bessel Differential Equation
USE Fokker-Planck Equation

BESSEL FUNCTIONS [01]
UF *Hankel Functions*
BT1 Functions
RT Neumann Series

Beta Backscattering Gages
USE Radiometric Gages

Beta Beams (Electrons)
DA June 1975
USE Electron Beams

Beta Beams (Positrons)
DA June 1975
USE Positron Beams

BETA DECAY [01]
(For neutron and nuclear decay.)
BT1 Decay
NT1 Beta-Minus Decay
NT1 Beta-Plus Decay
NT1 Electron Capture Decay
NT2 K Capture
NT2 L Capture
NT2 M Capture
RT Beta Decay Radioisotopes
RT Beta Particles
RT Beta Spectra
RT Fermi Plot
RT Feynman-Gell-Mann Theory
RT Fierz Interference
RT Ft Value
RT Gamow-Teller Rules
RT Internal Ionization
RT Knipp-Uhlenbeck Theory
RT Lee-Yang Theory
RT Sargent Diagrams
RT Semileptonic Decay
RT Two-Component Neutrino Theory
RT Way-Wigner Formula

BETA DECAY RADIOISOTOPES [01]
BT1 Radioisotopes
BT2 Isotopes
NT1 Arsenic 66
*NT1 Beta-Minus Decay Radioisotopes
*NT1 Beta-Plus Decay Radioisotopes
*NT1 Electron Capture Radioisotopes
NT1 Iron 45
NT1 Lutetium 165
NT1 Rhodium 94
NT1 Thallium 186
NT1 Vanadium 42
NT1 Vanadium 44
NT1 Yttrium 81
NT1 Yttrium 100
RT Beta Decay

BETA DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Beta Dosimetry
RT Beta Particles
RT Beta Spectrometers
RT Beta Spectroscopy
RT Electron Detection
RT Positron Detection

BETA DOSIMETRY [01]
BT1 Dosimetry
RT Beta Detection

BETA II DEVICES
(This device was formerly known as 2XIIB.)
DA March 1979
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

BETA-MINUS DECAY [01]
BT1 Beta Decay
BT2 Decay
RT Beta-Minus Decay Radioisotopes

***BETA-MINUS DECAY RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Beta-Minus Decay

BETA PARTICLES [01]
(Emitted by nuclei.)
BT1 Charged Particles
RT Beta Decay
RT Beta Detection
RT Electrons
RT Positrons

BETA-PLUS DECAY [01]
UF *Positron Decay*
BT1 Beta Decay
BT2 Decay
RT Beta-Plus Decay Radioisotopes
RT Electron Capture Decay

***BETA-PLUS DECAY RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Beta-Plus Decay

BETA RADIOGRAPHY [01]
DA January 1975
BT1 Industrial Radiography
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
DEF A technique for examining papers, thin foils, and other thin materials.

BETA RATIO [01]
RT High-Beta Plasma
RT Low-Beta Plasma
RT Magnetic Fields
RT Medium-Beta Plasma
RT Plasma
RT Plasma Pressure

BETA SOURCES [01]
BT1 Particle Sources
BT2 Radiation Sources

BETA SPECTRA [01]
BT1 Spectra
RT Beta Decay
RT Beta Spectrometers

BETA SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Beta Detection
RT Beta Spectra
RT Electron Detection

BETA SPECTROSCOPY [01]
BT1 Spectroscopy
RT Beta Detection

BETA-W LATTICES [01]
UF *A-15 Compounds*
BT1 Crystal Lattices
BT2 Crystal Structure

BETAINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Drugs
BT1 Quaternary Compounds
BT2 Amines
BT3 Organic Compounds
BT2 Ammonium Compounds
RT Carnitine

BETATRON OSCILLATIONS [01]
BT1 Beam Dynamics
BT1 Oscillations
RT Q-Shift

BETATRONS [01]
BT1 Cyclic Accelerators
BT2 Accelerators
RT Plasma Betatrons

BETAVOLTAIC CELLS [01]
BT1 Direct Collection Converters
BT2 Direct Energy Converters
RT Semiconductor Diodes

Bethe-Goldstone Approximation
USE Bethe-Goldstone Equation

BETHE-GOLDSTONE EQUATION [01]
UF *Bethe-Goldstone Approximation*
BT1 Equations
RT Many-Body Problem

Bethe-Heitler-Schiff Formula
USE Bethe-Heitler Theory

BETHE-HEITLER THEORY [01]
UF *Bethe-Heitler-Schiff Formula*
RT Branching Ratio
RT Bremsstrahlung
RT Pair Production

Bethe-Hurwitz Effect
USE Hurwitz Effect

Bethe-Placzec Model
USE Placzec Function

BETHE-SALPETER EQUATION [01]
BT1 Equations
RT Blankenbecler-Sugar Equations
RT Quantum Field Theory

BETHE-TAIT METHOD [01]
RT Mathematics
RT Reactor Safety

Bethe-Weizsaecker Relation
USE Weizsaecker Formula

Bethe-Wiezsaecker Cycle
DA May 1979
USE CNO Cycle

BETTIS [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

BEVALAC [01]
DA October 1975
UF *Berkeley Bevalac*
BT1 Cyclic Accelerators
BT2 Accelerators
RT Bevatron
RT SuperHilac
DEF A combination of two accelerators at Lawrence Berkeley Laboratory. Heavy ions are injected from the SuperHILAC into the bevatron.

BEVATRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators
RT Bevalac

BEVERAGES [01]
UF *Coffee*
UF *Juices*
UF *Tea*
UF *Wine*
BT1 Food
RT Diet
RT Drinking Water
RT Ingestion
RT Milk
RT Tea Leaves

BEZNAU-1 REACTOR [01]
UF *NOK-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BEZNAU-2 REACTOR [01]
UF *NOK-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BF3 COUNTERS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Moderating Detectors

BFS REACTOR
(Obninsk fast assembly.)
DA January 1975
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

BF/WF Process
DA April 1977
USE Bergbauforschung-Foster Wheeler Process

BGRR REACTOR [01]
UF *Brookhaven Graphite Research Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Bhabha Atomic Research Center
DA May 1975
USE BARC

BHABHA SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering
RT Moeller Scattering
RT Quantum Electrodynamics

BHWR TYPE REACTORS [01]
UF *Boiling Heavy Water Cooled and Moderated Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
NT1 HBWR Reactor
NT1 Marviken Reactor
RT Power Reactors

BI-GAS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF Bituminous Coal Research, Inc. process for producing intermediate- or high-Btu gas by reaction of coal with steam in a gasifier operating at 1000-1500 psi and 3000 and 1700°F in stage 1 and stage 2, respectively. The gasifier may be operated on air rather than oxygen at moderate pressures to produce a low-Btu gas.

BIBENZYL [01]
UF *1,2-Diphenylethane*
BT1 Aromatics
BT2 Organic Compounds

BIBLIOGRAPHIES
(Limited to significant lists of documents chosen on the basis of subject.)
BT1 Document Types

BIBLIS-A REACTOR
DA April 1975
UF *Biblis Reactor*
UF *Kernkraftwerk Biblis*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BIBLIS-B REACTOR [01]
DA May 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Biblis-C Reactor
DA November 1976
USE Biblis-3 Reactor

Biblis-D Reactor
DA November 1976
USE Biblis-4 Reactor

Biblis Reactor
DA May 1975
USE Biblis-A Reactor

BIBLIS-3 REACTOR [01]
DA November 1976
UF *Biblis-C Reactor*
UF *Kernkraftwerk Biblis-3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BIBLIS-4 REACTOR [01]
DA November 1976
UF *Biblis-D Reactor*
UF *Kernkraftwerk Biblis-4*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Bicarbonates
DA July 1977
USE Acid Carbonates

BICRYSTALS
DA January 1975
BT1 Crystals

BICYCLES
DA August 1976
BT1 Vehicles

BIDS
DA June 1978
RT Contracts
RT Cost
RT Energy Policy

RT Leasing
RT Legal Aspects
RT Mineral Resources

BIEDENHARN-ROSE THEORY [01]
RT Angular Correlation
RT Angular Distribution

BIG ROCK POINT REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BIG TEN REACTOR [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

BIKINI [01]
BT1 Marshall Islands
BT2 Islands
BT2 Micronesia
BT3 Oceania

BILATERAL AGREEMENTS [01]
BT1 International Agreements
BT2 Agreements
RT Transfrontier Contamination

Bilbao Argonaut Reactor
USE ARBI Reactor

BILE [01]
BT1 Body Fluids
BT2 Biological Materials
RT Bile Acids
RT Biliary Tract
RT Bilirubin
RT Biliverdin
RT Stercobilin
RT Urobilinogen

BILE ACIDS [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT1 Sterols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Steroids
BT3 Organic Compounds
NT1 Cholic Acid
RT Bile

Bile Ducts
USE Biliary Tract

BILIARY TRACT [01]
UF *Bile Ducts*
UF *Gallbladder*
UF+ *Gallstones*
BT1 Digestive System
RT Bile
RT Liver

BILIBIN REACTOR [01]
UF *Chukotka Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BILIRUBIN [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pigments
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Bile

BILIVERDIN [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pigments
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Bile

Billet Event
DA June 1977
USE Anvil Project

BILLIETITE [01]
BT1 Barium Oxides
BT2 Barium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Billitonites
USE Tektites

Bimetallic Corrosion
USE Electrochemical Corrosion

BIMETALS [01]
RT Switches

BINARY ALLOY SYSTEMS [01]
BT1 Alloy Systems

BINARY ENCOUNTER METHOD [01]
RT Scattering

BINARY FISSION [01]
DA April 1975
BT1 Fission
BT2 Nuclear Reactions

BINARY-FLUID SYSTEMS
DA March 1976
UF *Magmamax Process*
RT Geothermal Energy Conversion
RT Thermodynamic Cycles
DEF A system in which hot fluid is passed through a heat exchanger to transfer heat to a low-boiling point fluid (such as freon or isobutane), which is then used as the working fluid in a vapor-turbine cycle.

BINARY MIXTURES [01]
BT1 Mixtures
BT2 Dispersions
RT Alloys

BINARY STARS [01]
BT1 Stars
RT Roche Equipotentials

BINDERS [01]
RT Adhesives
RT Fillers

BINDING ENERGY [01]
(For chemical and nuclear bonding; see also BONDING.)
UF *Separation Energy*
UF+ *Electron Acceptor*
UF+ *Electron Donor*
BT1 Energy
NT1 Neutron Separation Energy
NT1 Pairing Energy
RT Bond Angle
RT Bond Lengths
RT Chemical Bonds
RT Coulomb Energy
RT Covalence
RT Double Bonds
RT Heitler-London Theory
RT Intermolecular Forces
RT Ionization Potential
RT Majorana Theory
RT Mass Defect
RT Nuclear Forces
RT Work Functions

Bioaccumulation
DA May 1976
USE Biological Accumulation

BIOADSORBENTS [01]
BT1 Adsorbents
RT Adsorption
RT Decontamination
RT Fungi
RT Liquid Wastes
DEF Biological materials with absorptive capacity.

BIOASSAY [01]
UF *Biological Testing*
UF *Testing (Biological)*
RT Plaque Formation
RT Radioassay

Biocenoses
USE Ecosystems

Biochemical Activity
USE Biochemistry

BIOCHEMICAL FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

BIOCHEMICAL OXYGEN DEMAND
DA October 1975
UF *BOD*
RT Aquatic Ecosystems
RT Biochemistry
RT Chemical Oxygen Demand
RT Liquid Wastes
RT Oxygen
DEF The amount of oxygen necessary for the oxidative decomposition of a material by microorganisms. The amount of oxygen consumed in mg/l of water (or waste water) over a period of 5 days at 20°C under laboratory conditions.

BIOCHEMICAL REACTION KINETICS [01]
BT1 Reaction Kinetics
BT2 Kinetics
RT Metabolic Diseases
RT Metabolism

BIOCHEMISTRY [01]
UF *Biochemical Activity*
BT1 Chemistry
RT Biochemical Oxygen Demand
RT Bioconversion
RT Biodegradation
RT Biology

RT Biosynthesis
RT Carbon 14 Compounds
RT Coenzymes
RT Cytochemistry
RT Enzymes
RT Fermentation
RT Hormones
RT Metabolism
RT Receptors
RT Soil Chemistry
RT Synergism
RT Vitamins

BIOCONVERSION
DA December 1977
SF *Microbial Processes*
NT1 Anaerobic Digestion
NT2 BIOGAS Process
NT1 Biophotolysis
NT1 Fermentation
RT Biochemistry
RT Biomass
RT Photolysis

BIODEGRADATION
DA June 1975
SF *Microbial Processes*
BT1 Decomposition
BT2 Chemical Reactions
RT Aerobic Conditions
RT Anaerobic Conditions
RT Biochemistry
RT Cellulolytic Activity
RT Detritus
RT Enzymatic Hydrolysis

BIOFLAVONOIDS [01]
UF *Vitamin P*
BT1 Vitamins

Biofouling
DA August 1976
USE Biological Fouling

BIOGAS PROCESS
DA October 1975
UF *IGT Waste Process*
BT1 Anaerobic Digestion
BT2 Bioconversion
BT2 Digestion
BT2 Waste Processing
BT3 Processing
BT3 Waste Management
BT4 Management
RT Waste Processing Plants
DEF An anaerobic digestion process for converting solid municipal waste and sewage into pipeline quality fuel gas and an odor free, stable solid.

Biogeocenoses
USE Ecosystems

BIOGEOCHEMISTRY [01]
BT1 Geochemistry
BT2 Chemistry
RT Biological Evolution
RT Biology
RT Geobotany

BIOLOGICAL ACCUMULATION
DA May 1976
UF *Bioaccumulation*
RT Buildup
RT Ecological Concentration
DEF The abnormal or preferential accumulation of a material from the environment by a plant or animal.

BIOLOGICAL ADAPTATION
DA October 1975
UF *Acclimation*
RT Behavior
RT Biological Variability
RT Ecology
RT Tolerance

BIOLOGICAL DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
RT Biological Indicators

BIOLOGICAL EFFECTS [01]
NT1 Biological Radiation Effects
NT2 Abscopal Radiation Effects
NT2 Delayed Radiation Effects
NT2 Early Radiation Effects
NT2 Genetic Radiation Effects
NT2 Local Radiation Effects
NT3 Osteoradionecrosis
NT3 Radiation Burns
NT3 Radiodermatitis
NT2 Radiation Injuries
NT3 Osteoradionecrosis
NT3 Radiation Burns
NT3 Radiodermatitis
NT1 Genetic Effects
NT2 Genetic Radiation Effects
RT Acute Exposure
RT Biology
RT Biophysics
RT Biosatellites
RT Chronic Exposure
RT Dose-Response Relationships
RT Molecular Biology
RT Morphological Changes
RT Response Modifying Factors
RT Survival Curves
RT Synergism
RT Toxicity

BIOLOGICAL EVOLUTION
DA January 1975
UF *Evolution*
BT1 Biology
RT Biogeochemistry
RT Biosynthesis
RT Geobotany
RT Molecular Biology
RT Paleontology

BIOLOGICAL FATIGUE [01]
UF *Fatigue (Biological)*
RT Biological Stress
RT Exercise

BIOLOGICAL FOULING
DA November 1975
UF *Biofouling*
BT1 Fouling
RT Algae
DEF Fouling by biological organisms, e.g. algae.

BIOLOGICAL FUNCTIONS [01]
(Coordinate with descriptors for the organs or functions involved.)
DA August 1976
UF *Function (Biological)*
RT Biological Pathways
RT Dynamic Function Studies
RT Metabolism
RT Physiology

BIOLOGICAL HALF-LIFE [01]
UF *Effective Half-Life*
UF *Half-Life (Biological)*
UF *Half-Life (Effective)*
RT Body Burden
RT Radionuclide Kinetics

BIOLOGICAL HOT SPOTS [01]
UF *Hot Spots (Biological)*
RT Bone Seekers
RT Radionuclide Kinetics
RT Retention

BIOLOGICAL INDICATORS [01]
DA April 1975
UF *Indicator Species*
RT Biological Dosemeters
RT Blood Cells
RT Blood Plasma
RT Bone Marrow Cells
RT Chromosomal Aberrations
RT Dose-Response Relationships
RT Early Radiation Effects
RT Nucleosides
RT Radiation Doses
RT Radiation Injuries

BIOLOGICAL LOCALIZATION [01]
(The concentration of a specific material or a specific effect in a definite location of a biological system.)
DA June 1975
UF *Localization (Biological)*
RT Banding Techniques
RT Radiation Effects
RT Radioecological Concentration
RT Radioisotopes
RT Radionuclide Kinetics
RT Radiopharmaceuticals
RT Retention

BIOLOGICAL MATERIALS [01]
NT1 Biological Wastes
NT2 Feces
NT2 Sweat
NT2 Urine
NT1 Body Fluids
NT2 Amniotic Fluid
NT2 Bile
NT2 Blood
NT3 Blood Cells
NT4 Blood Platelets
NT4 Erythrocytes
NT5 Reticulocytes
NT4 Leukocytes
NT5 Basophils
NT5 Eosinophils
NT5 Lymphocytes
NT5 Monocytes
NT5 Neutrophils
NT3 Blood Plasma
NT2 Cerebrospinal Fluid
NT2 Gastric Acid
NT2 Lymph
NT2 Milk
NT2 Saliva
NT2 Sweat
NT2 Urine
NT1 Forest Litter
NT1 Tissue Extracts
RT Animals
RT Biomass
RT Environmental Materials
RT Food
RT Homogenates
RT Plankton
RT Plants
RT Tissues

BIOLOGICAL MODELS [01]
UF *Models (Biological)*
RT Analog Systems
RT Environmental Exposure Pathway
RT Functional Models
RT Mathematical Models
RT Mockup
RT Phantoms

BIOLOGICAL PATHWAYS [01]
DA December 1978
UF *Metabolic Pathways*
UF *Mutagenic Pathways*
UF *Mutation Induction Pathways*
UF *Repair Pathways*
RT Biological Functions
RT Biological Repair
RT Molecular Biology

BIOLOGICAL RADIATION EFFECTS [01]
UF *Radiobiological Effects*
BT1 Biological Effects
BT1 Radiation Effects
NT1 Abscopal Radiation Effects
NT1 Delayed Radiation Effects
NT1 Early Radiation Effects
NT1 Genetic Radiation Effects
NT1 Local Radiation Effects
NT2 Osteoradionecrosis
NT2 Radiation Burns
NT2 Radiodermatitis
NT1 Radiation Injuries
NT2 Osteoradionecrosis

NT2 Radiation Burns
NT2 Radiodermatitis
RT Biological Stress
RT Oxygen Enhancement Ratio
RT Radiation Chimeras
RT Radiation Doses
RT Radiobiology
RT Radioimmunology
RT Radioinduction
RT Radiosensitivity
RT RBE
RT Strand Breaks
RT Teratogenesis

BIOLOGICAL RECOVERY [01]
UF *Recovery (Biological)*
UF *Restoration*
BT1 Recovery
NT1 Biological Regeneration
NT1 Biological Repair
NT2 Host-Cell Reactivation
NT2 Photoreactivation
NT1 Healing
NT1 Liquid Holding Recovery
RT Homeostasis
RT Post-Irradiation Therapy
RT Response Modifying Factors
RT Therapy

BIOLOGICAL REGENERATION [01]
UF *Regenerating Liver*
UF *Regeneration (Biological)*
BT1 Biological Recovery
BT2 Recovery
RT Growth
RT Organs
RT Tissues
RT Viability

BIOLOGICAL REPAIR [01]
UF *Dark Repair*
UF *Excision Repair*
UF *Repair (Biological)*
BT1 Biological Recovery
BT2 Recovery
BT1 Repair
NT1 Host-Cell Reactivation
NT1 Photoreactivation
RT Biological Pathways
RT LET
RT Molecular Structure
RT Nucleic Acids
RT Radiation Injuries
RT Ultrastructural Changes

Biological Research Reactor JANUS
USE JANUS Reactor

BIOLOGICAL SHIELDING [01]
BT1 Shielding
RT Radiation Protection

BIOLOGICAL SHIELDS [01]
BT1 Shields

BIOLOGICAL SHOCK [01]
(For all types of shock in biology and medicine.)
UF *Shock (Biological)*
UF *Shock (Medical)*
UF+ *Traumatic Shock*
BT1 Pathological Changes
BT2 Diseases
RT Anaphylaxis
RT Biological Stress
RT Electric Shock

BIOLOGICAL STRESS [01]
UF *Stress (Biological)*
RT Anoxia
RT Biological Fatigue
RT Biological Radiation Effects
RT Biological Shock
RT Chronic Exposure
RT Exercise
RT Fasting
RT Hypertension
RT Hypotension
RT Physiology
RT Predator-Prey Interactions

Biological Testing
USE Bioassay

BIOLOGICAL VARIABILITY [01]
UF *Variability (Biological)*
NT1 Genetic Variability
RT Biological Adaptation

BIOLOGICAL WASTES [01]
UF+ *Radioactive Biological Wastes*
BT1 Biological Materials
BT1 Wastes
NT1 Feces
NT1 Sweat
NT1 Urine
RT Excretion
RT Liquid Wastes
RT Organic Wastes
RT Sewage Sludge
RT Solid Wastes

BIOLOGY [01]
NT1 Biological Evolution
NT1 Botany
NT2 Geobotany
NT1 Cytology
NT1 Genetics
NT1 Radiobiology
NT1 Taxonomy
NT1 Zoology
RT Animals
RT Biochemistry
RT Biogeochemistry
RT Biological Effects
RT Biosphere
RT Ecosystems
RT Medicine
RT Microorganisms
RT Organs
RT Plants
RT Symbiosis
RT Tissues

BIOMASS [01]
DA July 1975
UF *Standing Crop*
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Bioconversion
RT Biological Materials
RT Biomass Plantations
RT Cellulose
RT Harvesting
RT Hemicellulose
RT Lignin
RT Oleoresins
RT Plants
RT Renewable Resources
RT Wood
RT Xylans
DEF All growing organic matter such as plants, trees, grasses, and algae.

BIOMASS PLANTATIONS
DA September 1976
RT Agriculture
RT Algae
RT Biomass
RT Crops
RT Farms
RT Trees
DEF Terrestrial or marine area and plants for the growing, harvesting, and collection of energy or combined energy/food crops for conversion into fuels.

BIOMEDICAL RADIOGRAPHY [01]
UF *Radiography (Biomedical)*
UF+ *Angiography*
BT1 Diagnostic Techniques
BT1 Radiology
BT2 Nuclear Medicine
BT3 Medicine
NT1 Fluoroscopy
NT1 Ionographic Imaging
NT1 Osteodensitometry
RT CAT Scanning
RT Contrast Media
RT Microradiography
RT Radiological Personnel
RT X Radiation
RT X-Ray Equipment
RT X-Ray Radiography

BIOMIMETIC PROCESSES
DA August 1978
RT Photosynthesis
DEF A method or procedure based on or derived from a living organism by imitation or mimickry. A biomimetic process is predicated on a translation or abstraction of a process used by a living organism for a similar end.

BIOPHOTOLYSIS
DA December 1977
SF *Microbial Processes*
BT1 Bioconversion
BT1 Photolysis
BT2 Decomposition
BT3 Chemical Reactions
BT2 Photochemical Reactions
BT3 Chemical Reactions
RT Hydrogen Production
RT Photosynthesis

BIOPHYSICS [01]
RT Biological Effects
RT Compartments
RT Molecular Biology
RT Radiation Doses
RT Radiation Effects
RT Radiation Protection
RT Radiations
RT Radiobiology
RT Radionuclide Kinetics

BIOPSY [01]
BT1 Diagnostic Techniques
RT Autopsy
RT Tissues

BIOSATELLITES [01]
BT1 Satellites
RT Biological Effects

BIOSPHERE [01]
BT1 Environment
RT Biology
RT Ecosystems
RT Nature Reserves
RT Populations

BIOSYNTHESIS [01]
BT1 Synthesis
RT Anabolism
RT Biochemistry
RT Biological Evolution
RT Coenzymes
RT Enzymes
RT Metabolism
RT Molecular Biology
RT Photosynthesis
RT Precursor

BIOT-SAVART LAW [01]
RT Magnetic Fields

BIOTIN [01]
UF *Vitamin H*
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

BT1 Vitamin B Group
BT2 Vitamins

BIOTITE [01]
BT1 Mica
BT2 Minerals
DEF A widely distributed and important rock--forming mineral of the mica group: $K(Mg,Fe^{+2})_3(Al,Fe^{+3})Si_3O_{10}(OH)_2$.

BIPHENYL [01]
UF+ *Dowtherm*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Benzidine

Biphenyldiamine
USE Benzidine

BIPYRIDINES [01]
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

BIRCHES
DA March 1979
BT1 Trees
BT2 Plants

BIRDS [01]
UF+ *Bursa of Fabricius*
BT1 Vertebrates
BT2 Animals
NT1 Fowl
NT2 Chickens
NT2 Ducks
NT2 Geese
NT1 Pigeons
RT Eggs
RT Feathers
RT Newcastle Disease

BIREFRINGENCE
DA July 1979
BT1 Refraction
RT Optical Properties

BIRMINGHAM SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Birth
USE Parturition

Bis(2-ethylhexyl)phosphoric Acid
USE HDEHP

Bis(chlorethyl)amine
USE Nitrogen Mustard

Bis(phenyloxazolyl)benzene
USE POPOP

BISCAYNE BAY [01]
DA January 1975
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
BT1 Bays
RT Florida

BISCHOFF PROCESS
DA January 1975
BT1 Lime-Limestone Wet Scrubbing Processes
BT2 Scrubbing
RT Desulfurization
RT Waste Processing
DEF An adjustable wet process that operates with alkaline additives to remove dust and SO_2 from flue gas in a single operation giving savings in space and cost.

BISMUTH [01]
BT1 Metals
BT2 Elements

BISMUTH 189 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 190 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 191 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 192 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 193 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 194 [01]
DA January 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 195 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 196 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 197 [01]
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 198 [01]
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 199 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 200 [01]
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 201 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 202 [01]
BT1 Bismuth Isotopes

BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 203 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 204 [01]
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 205 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 206 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 207 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 208 [01]
BT1 Bismuth Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 209 [01]
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BISMUTH 210 [01]
UF *Radium E*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BISMUTH 211 [01]
UF *Actinium C*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 212 [01]
UF *Thorium C*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 213 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH 214 [01]
UF *Radium C*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BISMUTH 215 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BISMUTH ADDITIONS [01]
BT1 Bismuth Alloys
BT2 Alloys

BISMUTH ALLOYS [01]
BT1 Alloys
NT1 Bismuth Additions
NT1 Bismuth Base Alloys
NT2 Cerrobend Alloys
NT2 Lichtenberg Alloy
NT2 Newton-Metal
NT2 Wood Metal
NT1 Rose-Metal

BISMUTH BASE ALLOYS [01]
BT1 Bismuth Alloys
BT2 Alloys
NT1 Cerrobend Alloys
NT1 Lichtenberg Alloy
NT1 Newton-Metal
NT1 Wood Metal

BISMUTH BORIDES [01]
DA June 1975
BT1 Bismuth Compounds
BT1 Borides
BT2 Boron Compounds

BISMUTH BROMIDES [01]
BT1 Bismuth Compounds
BT1 Bromides
BT2 Bromine Compounds

BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BISMUTH CARBONATES [01]
BT1 Bismuth Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

BISMUTH CHLORIDES [01]
BT1 Bismuth Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BISMUTH COMPLEXES [01]
BT1 Complexes

BISMUTH COMPOUNDS [01]
NT1 Bismuth Borides
NT1 Bismuth Bromides
NT1 Bismuth Carbonates
NT1 Bismuth Chlorides
NT1 Bismuth Fluorides
NT1 Bismuth Hydrides
NT1 Bismuth Hydroxides
NT1 Bismuth Iodides
NT1 Bismuth Nitrates
NT1 Bismuth Oxides
NT1 Bismuth Phosphates
NT1 Bismuth Selenides
NT1 Bismuth Sulfates
NT1 Bismuth Sulfides
NT1 Bismuth Tellurides
NT1 Bismuth Tungstates
NT1 Bismuth Uranates

BISMUTH FLUORIDES [01]
BT1 Bismuth Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BISMUTH HYDRIDES [01]
BT1 Bismuth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

BISMUTH HYDROXIDES [01]
BT1 Bismuth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

BISMUTH IODIDES [01]
BT1 Bismuth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

BISMUTH IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

BISMUTH ISOTOPES [01]
NT1 Bismuth 189
NT1 Bismuth 190
NT1 Bismuth 191
NT1 Bismuth 192
NT1 Bismuth 193
NT1 Bismuth 194
NT1 Bismuth 195
NT1 Bismuth 196
NT1 Bismuth 197
NT1 Bismuth 198
NT1 Bismuth 199
NT1 Bismuth 200
NT1 Bismuth 201
NT1 Bismuth 202
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NT1 Bismuth 207
NT1 Bismuth 208
NT1 Bismuth 209
NT1 Bismuth 210
NT1 Bismuth 211
NT1 Bismuth 212
NT1 Bismuth 213
NT1 Bismuth 214
NT1 Bismuth 215

BISMUTH NITRATES [01]
BT1 Bismuth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

BISMUTH ORES [01]
BT1 Ores

BISMUTH OXIDES [01]
BT1 Bismuth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

BISMUTH PHOSPHATES [01]
BT1 Bismuth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BISMUTH SELENIDES
DA January 1975
BT1 Bismuth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

BISMUTH SULFATES [01]
BT1 Bismuth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

BISMUTH SULFIDES [01]
BT1 Bismuth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

BISMUTH 207 TARGET [01]
DA March 1978
BT1 Targets

BISMUTH 208 TARGET [01]
DA November 1978
BT1 Targets

BISMUTH 209 TARGET [01]
DA July 1976
BT1 Targets

BISMUTH 210 TARGET [01]
DA August 1976
BT1 Targets

BISMUTH TELLURIDES [01]
DA May 1975
BT1 Bismuth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

BISMUTH TUNGSTATES
DA July 1977
BT1 Bismuth Compounds
BT1 Tungstates

BISMUTH URANATES
DA January 1975
BT1 Bismuth Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

Bitter Spar
DA March 1976
USE Dolomite

BITUMENS [01]
UF *Oil Sand Oils*
UF *Tar Sand Oil*
BT1 Tar
BT2 Other Organic Compounds
BT3 Organic Compounds
NT1 Asphalts
NT2 Asphaltenes
NT1 Blown Bitumens
NT1 Carburan
NT1 Thucholite
RT Asphaltite
RT Bituminous Materials
RT Cold-Water Processes
RT Waste Processing

BITUMINOUS COAL
DA January 1975
BT1 Black Coal
BT2 Coal
BT3 Carbonaceous Materials
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels

BITUMINOUS MATERIALS
DA February 1975
BT1 Carbonaceous Materials
NT1 Oil Sands
NT1 Oil Shales
NT2 Black Shales
NT2 3-Methylcholanthrene
RT Bitumens
RT Coal Tar
RT Shale Tar
DEF Material containing much organic, or at least carbonaceous, matter, mostly in the form of tarry hydrocarbons which are usually described as bitumen.

BJORKLUND-FERNBACH MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Optical Models

BLACK CHROME
DA October 1978
BT1 Black Coatings
BT2 Coatings
RT Chromium Oxides
RT Solar Absorbers
RT Spectrally Selective Surfaces

BLACK CLAWSON SYSTEM
DA March 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Municipal Wastes
RT Solid Wastes
RT Waste Processing Plants
DEF Waste processing system for materials and energy recovery by wet processing of municipal wastes.

BLACK COAL
DA January 1975
SF *Hard Coal*
BT1 Coal
BT2 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
NT1 Anthracite
NT1 Bituminous Coal

BLACK COATINGS
DA February 1978
BT1 Coatings
NT1 Black Chrome
NT1 Black Nickel
RT Solar Absorbers
RT Spectrally Selective Surfaces

BLACK DWARF STARS [01]
BT1 Dwarf Stars
BT2 Stars

BLACK FOX-1 REACTOR [01]
DA March 1976

BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

BLACK FOX-2 REACTOR [01]
DA March 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

BLACK HOLES [01]
RT Gravitational Collapse
RT Schwarzschild Radius
RT Stars
RT White Holes

BLACK LIQUIDS
DA August 1978
BT1 Liquids
BT2 Fluids
RT Heat Transfer Fluids
RT Solar Absorbers
RT Solar Collectors

BLACK NICKEL
DA December 1978
BT1 Black Coatings
BT2 Coatings
RT Nickel
RT Solar Absorbers

BLACK NUCLEUS MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

BLACK SANDS [01]
BT1 Minerals
BT1 Sand

BLACK SEA [01]
BT1 Seas
BT2 Surface Waters
RT Bulgaria
RT Romania
RT Turkey
RT USSR

BLACK SHALES
DA December 1976
BT1 Oil Shales
BT2 Bituminous Materials
BT3 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
RT Chattanooga Formation
RT Hytort Process

BLACKBODY RADIATION [01]
UF *Universal Blackbody Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Emissivity
RT Planck Radiation Formula
RT Thermal Radiation

BLACKOUTS
DA February 1975
RT Brownouts
RT Electric Power
RT Outages

BLADDER [01]
BT1 Urinary Tract
BT2 Organs
BT3 Body
RT Pelvis

Blades (Compressor)
DA October 1975
USE Compressor Blades

Blades (Turbines)
USE Turbine Blades

BLAIR MODEL [01]
UF *Blair Phase Rule*
RT Elastic Scattering

Blair Phase Rule
USE Blair Model

BLANKENBECLER-SUGAR EQUATIONS [01]
BT1 Integral Equations
BT2 Equations
RT Bethe-Salpeter Equation
RT Lippmann-Schwinger Equation
RT Particle Production
RT Scattering

Blankets (Breeding)
USE Breeding Blankets

BLASCON DEVICES [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices
DEF Spherical configuration using swirling lithium to create a vortex for injection of fusion fuel for laser ignition.

BLAST EFFECTS [01]
DA January 1975
RT Shock Waves

BLAST FURNACES [01]
BT1 Furnaces

Blasting
DA April 1978
USE Explosive Fracturing

Blasts
USE Explosions

BLATT-BIEDENHARN FORMALISM [01]
RT Angular Distribution

BLEACHING [01]
RT Coloration

Blenders
DA January 1976
USE Mixers

Blending
USE Mixing

BLEOMYCIN [01]
BT1 Antibiotics
BT2 Drugs
BT1 Antimitotic Drugs
BT2 Drugs
RT Neoplasms
RT Therapy

BLIND RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters

BLISTERS [01]
DA November 1976
RT Bubbles
RT Surfaces

BLOCH EQUATIONS [01]
BT1 Equations
RT Magnetic Resonance

BLOCH THEORY [01]
RT Quantum Mechanics

BLOCH WALL [01]
DA January 1975
BT1 Domain Structure
DEF The transition layer that separates domains magnetized in different directions.

Blocking
USE Channeling

BLOCKING OSCILLATORS [01]
BT1 Oscillators
BT2 Electronic Equipment
RT Pulse Generators

BLOOD [01]
BT1 Body Fluids
BT2 Biological Materials
NT1 Blood Cells
NT2 Blood Platelets
NT2 Erythrocytes
NT3 Reticulocytes
NT2 Leukocytes
NT3 Basophils
NT3 Eosinophils
NT3 Lymphocytes
NT3 Monocytes
NT3 Neutrophils
NT1 Blood Plasma
RT Blood Circulation
RT Blood Count
RT Blood Formation
RT Blood Groups
RT Bone Marrow
RT Connective Tissue
RT Extracorporeal Irradiation
RT Hemic Diseases
RT Hemocyanin
RT Hemorrhage
RT Hemosiderin
RT Homeostasis
RT Respiration
RT Septicemia
RT Transfusions
RT Uremia

BLOOD-BRAIN BARRIER [01]
RT Homeostasis
RT Physiology

BLOOD CELLS [01]
BT1 Blood
BT2 Body Fluids
BT3 Biological Materials
NT1 Blood Platelets
NT1 Erythrocytes
NT2 Reticulocytes
NT1 Leukocytes
NT2 Basophils
NT2 Eosinophils
NT2 Lymphocytes
NT2 Monocytes
NT2 Neutrophils
RT Biological Indicators
RT Blood Count
RT Bone Marrow

BLOOD CIRCULATION [01]
UF *Cardiac Output*
UF *Circulation (Blood)*
RT Blood
RT Blood Flow
RT Blood Pressure
RT Cardiography
RT Cardiovascular System
RT Emboli
RT Heart
RT Ischemia
RT Kidneys
RT Lungs
RT Mechanical Heart
RT Myocardial Infarction
RT Parabiosis
RT Physiology
RT Spleen
RT Vasoconstriction
RT Vasodilation

Blood Clotting
USE Blood Coagulation

BLOOD COAGULATION [01]
UF *Blood Clotting*

UF *Coagulation (Blood)*
RT Anticoagulants
RT Blood Coagulation Factors
RT Blood Platelets
RT Blood Serum
RT Coalescence
RT Fibrinolysin
RT Hematomas
RT Hemorrhage
RT Thrombosis

BLOOD COAGULATION FACTORS [01]
NT1 Fibrin
NT1 Fibrinogen
NT1 Prothrombin
NT1 Thrombin
NT1 Thromboplastin
RT Blood Coagulation
RT Blood Platelets
RT Calcium
RT Fibrinolysin

BLOOD COUNT [01]
RT Blood
RT Blood Cells

Blood Diseases
USE Hemic Diseases

BLOOD FLOW [01]
RT Blood Circulation
RT Blood Vessels
RT Emboli
RT Organs

BLOOD FORMATION [01]
UF *Hematopoiesis*
UF *Hemopoiesis*
NT1 Erythropoiesis
NT1 Leukopoiesis
NT1 Thrombopoiesis
RT Blood
RT Bone Marrow
RT Bone Marrow Cells
RT Cell Differentiation
RT Hematopoietic System
RT Leukocytin
RT Spleen
RT Spleen Colony Formation
RT Stem Cells

BLOOD GROUPS [01]
RT Blood
RT Erythrocytes
RT Hemagglutinins
RT Transfusions

BLOOD PLASMA [01]
UF *Plasma (Blood)*
BT1 Blood
BT2 Body Fluids
BT3 Biological Materials
RT Biological Indicators
RT Blood-Plasma Clearance
RT Blood Serum
RT Blood Substitutes
RT Chylomicrons
RT Complement
RT Proteins

BLOOD-PLASMA CLEARANCE [01]
UF *Plasma Clearance*
BT1 Clearance
RT Blood Plasma
RT Diagnostic Techniques
RT PBI
RT Radionuclide Administration
RT Radionuclide Kinetics
RT Thyroid
RT Time Dependence

BLOOD PLATELETS [01]
UF *Thrombocytes*
BT1 Blood Cells
BT2 Blood
BT3 Body Fluids
BT4 Biological Materials
RT Blood Coagulation
RT Blood Coagulation Factors
RT Thrombopoiesis

BLOOD PRESSURE [01]
RT Arteries
RT Blood Circulation
RT Cardiography
RT Cardiovascular System
RT Hypertension
RT Hypotension
RT Renin

BLOOD SERUM [01]
UF *Serum (Blood)*
RT Blood Coagulation
RT Blood Plasma
RT Immune Serums

BLOOD SUBSTITUTES [01]
NT1 Dextran
NT1 PVP
RT Blood Plasma
RT Post-Irradiation Therapy
RT Therapy
RT Transfusions

BLOOD VESSELS [01]
UF+ *Angiography*
BT1 Cardiovascular System
NT1 Arteries
NT2 Aorta
NT2 Carotid Arteries
NT2 Coronaries
NT1 Capillaries
NT1 Veins
NT2 Portal System
RT Angiomas
RT Blood Flow
RT Emboli
RT Hemorrhage
RT Ischemia
RT Telangiectasis
RT Thrombosis
RT Vasoconstriction
RT Vasodilation

BLOWDOWN [01]
RT Loss of Coolant

BLOWERS [01]
UF *Fans*
RT Compressors
RT Pumps
RT Reactor Cooling Systems
RT Superchargers

BLOWN BITUMENS
DA February 1976
BT1 Bitumens
BT2 Tar
BT3 Other Organic Compounds
BT4 Organic Compounds
DEF A special type of bitumen produced by blowing air, under controlled conditions, through hot bitumen.

BLOWOFF
DA January 1975
BT1 Particles
RT Evaporation
RT Flashback
DEF The material, either solid, liquid, or vapor, ejected from a sample upon absorption of high energy in a short period of time.

BLOWOUT PREVENTERS
DA March 1976
UF *BOP*
RT Blowouts
RT Natural Gas Wells
RT Oil Wells

BLOWOUTS
DA January 1975
BT1 Accidents
RT Blowout Preventers
RT Oil Wells
RT Wells
DEF The high-pressure, sometimes violent, and uncontrolled ejection of water, gas, or oil from a borehole.

BLUE HILLS-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BLUE HILLS-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BLUE STELLAR OBJECTS [01]
BT1 Quasars
BT2 Cosmic Radio Sources

BMI Reactor
USE BRR Reactor

BN-350 REACTOR [01]
UF *Fort Shevchenko Reactor*
BT1 Desalination Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

BN-600 Reactor
USE Beloyarsk-3 Reactor

BNL [01]
UF *Brookhaven National Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

BNL REACTOR
DA January 1975
UF *Berkeley Nuclear Laboratory Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT GCR Type Reactors

BNPS-1 Reactor
USE Beloyarsk-1 Reactor

BNPS-2 Reactor
USE Beloyarsk-2 Reactor

BOD
DA October 1975
USE Biochemical Oxygen Demand

BODY [01]
NT1 Body Areas
NT2 Abdomen
NT2 Chest
NT3 Mediastinum
NT2 Head
NT3 Face
NT4 Nose
NT2 Limbs
NT3 Arms
NT3 Hands
NT4 Fingers
NT3 Legs
NT4 Feet
NT2 Neck
NT2 Pelvis
NT1 Hematopoietic System
NT2 Bone Marrow
NT1 Organs
NT2 Bone Marrow
NT2 Brain
NT3 Cerebellum
NT3 Cerebrum
NT4 Cerebral Cortex
NT3 Hypothalamus
NT3 Olfactory Bulbs
NT3 Thalamus
NT2 Critical Organs
NT2 Esophagus
NT2 Female Genitals
NT3 Ovaries
NT3 Uterus
NT2 Glands
NT3 Endocrine Glands
NT4 Adrenal Glands
NT4 Pancreas
NT4 Parathyroid Glands
NT4 Pituitary Gland
NT4 Thyroid
NT3 Liver
NT3 Mammary Glands
NT3 Pineal Gland
NT3 Prostate
NT3 Salivary Glands
NT2 Heart
NT3 Myocardium
NT3 Pericardium
NT2 Intestines
NT3 Large Intestine
NT4 Rectum
NT3 Small Intestine
NT2 Kidneys
NT3 Glomeruli
NT3 Mechanical Kidney
NT3 Tubules
NT2 Lungs
NT2 Male Genitals
NT3 Prostate
NT3 Testes
NT2 Perfused Organs
NT2 Pharynx
NT2 Sense Organs
NT3 Auditory Organs
NT3 Eyes
NT4 Conjunctiva
NT4 Cornea
NT4 Crystalline Lens
NT4 Lacrimal Ducts
NT4 Retina
NT4 UVEA
NT3 Taste Buds
NT3 Vestibular Apparatus
NT2 Skeleton
NT3 Bone Joints
NT3 Exoskeleton
NT3 Femur
NT3 Skull
NT4 Jaw
NT3 Tibia
NT3 Vertebrae
NT2 Skin
NT3 Epidermis
NT3 Hair
NT3 Nails
NT2 Spleen
NT2 Stomach
NT2 Thymus
NT2 Tongue
NT2 Urinary Tract
NT3 Bladder
NT3 Ureters
NT1 Tissues
NT2 Bone Marrow
NT2 Connective Tissue
NT3 Adipose Tissue
NT3 Bone Tissues
NT4 Antlers
NT4 Trabecular Bone
NT3 Cartilage
NT3 Fascia
NT3 Ligaments
NT2 Endothelium
NT2 Epithelium
NT3 Epidermis
NT2 Nerve Tissue
NT2 Perfused Tissues
NT2 Reticuloendothelial System
NT2 Tissue Extracts
RT Anatomy
RT Body Composition
RT Retention
RT Whole-Body Counting
RT Whole-Body Irradiation

BODY AREAS [01]
BT1 Body
NT1 Abdomen
NT1 Chest
NT2 Mediastinum
NT1 Head
NT2 Face
NT3 Nose
NT1 Limbs
NT2 Arms
NT2 Hands
NT3 Fingers
NT2 Legs
NT3 Feet
NT1 Neck
NT1 Pelvis
RT Partial Body Irradiation
RT Sinuses

BODY BURDEN [01]
RT Biological Half-Life
RT Contamination
RT ICRP Critical Group
RT Maximum Permissible Body Burden
RT Pollution
RT Radioactivity
RT Radionuclide Kinetics

Body Centered Cubic
USE Bcc Lattices

BODY COMPOSITION [01]
RT Body
RT Quantitative Chemical Analysis

BODY FLUIDS [01]
UF+ *Aqueous Humor*
BT1 Biological Materials
NT1 Amniotic Fluid
NT1 Bile
NT1 Blood
NT2 Blood Cells
NT3 Blood Platelets
NT3 Erythrocytes
NT4 Reticulocytes
NT3 Leukocytes
NT4 Basophils
NT4 Eosinophils
NT4 Lymphocytes
NT4 Monocytes
NT4 Neutrophils
NT2 Blood Plasma
NT1 Cerebrospinal Fluid
NT1 Gastric Acid
NT1 Lymph
NT1 Milk
NT1 Saliva
NT1 Sweat
NT1 Urine
RT Edema
RT Excretion
RT Feces
RT Secretion

BODY TEMPERATURE [01]
UF *Temperature (Body)*
NT1 Hyperthermia
NT1 Hypothermia
RT Fever
RT Physiology
RT Thermoregulation

BOGHEAD COAL
DA May 1978
BT1 Sapropelic Coal
BT2 Coal
BT3 Carbonaceous Materials
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels
NT1 Torbanite

BOGOLYUBOV METHOD [01]
RT Superconductivity

Bogolyubov Theory
USE BBGKY Equation

BOGOLYUBOV TRANSFORMATION [01]
UF *Bogolyubov-Valatin Relation*
BT1 Canonical Transformations
RT Hartree-Fock-Bogolyubov Theory

Bogolyubov-Valatin Relation
USE Bogolyubov Transformation

Bogs
DA May 1979
USE Swamps

BOHM CRITERION [01]
UF *Bohm-Gross Method*
UF *Bohm Theory*
RT Plasma

Bohm-Gross Method
USE Bohm Criterion

Bohm-Pines Theory
USE Pines-Bohm Theory

Bohm Theory
USE Bohm Criterion

Bohr Approximation
USE Nilsson-Mottelson Model

Bohr-Mottelson Model
USE Nilsson-Mottelson Model

Bohr-Sommerfeld Quantum Theory
USE Bohr Theory

BOHR THEORY [01]
UF *Bohr-Sommerfeld Quantum Theory*
RT Atomic Models

BOHR-WHEELER THEORY [01]
RT Fission
RT Nuclear Models

BOHUNICE A-1 REACTOR [01]
UF *A-1 Reactor (Bohunice)*
UF *KS-150 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HWGCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors

BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOHUNICE A-2 REACTOR [01]
UF *A-2 Reactor (Bohunice)*
BT1 HWGCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOHUNICE V-1 REACTOR [01]
UF *V-1 Reactor (Bohunice)*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOILER FUEL
DA May 1975
BT1 Fuels
RT Fossil-Fuel Power Plants

BOILERS [01]
NT1 Refuse-Fueled Boilers
NT1 Vapor Generators
NT2 Steam Generators
NT1 Waste Heat Boilers
RT Boiling
RT Central Receivers
RT Combustion Control
RT Feedwater
RT Heat Transfer
RT Reactor Cooling Systems
RT Stokers

BOILING [01]
BT1 Phase Transformations
NT1 Film Boiling
NT1 Nucleate Boiling
NT2 Departure Nucleate Boiling
NT1 Pool Boiling
NT1 Subcooled Boiling
NT1 Transition Boiling
RT Boilers
RT Boiling Detection
RT Bubble Growth
RT Evaporation
RT Heat Transfer
RT Heating
RT Steam Generators
RT Two-Phase Flow

BOILING DETECTION [01]
RT Boiling
RT Bubble Growth
RT Bubbles
RT Foams
RT Reactor Control Systems
RT Reactor Safety
RT Voids

Boiling Heavy Water Cooled and Moderated Reactor
USE BHWR Type Reactors

Boiling Nuclear Superheater Reactor
USE BONUS Reactor

BOILING POINTS [01]
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Azeotrope

Boiling Reactor Experiment 1
USE BORAX-1 Reactor

Boiling Reactor Experiment 2
USE BORAX-2 Reactor

Boiling Reactor Experiment 3
USE BORAX-3 Reactor

Boiling Reactor Experiment 4
USE BORAX-4 Reactor

Boiling Reactor Experiment 5
USE BORAX-5 Reactor

Boiling Water Cooled and Moderated Reactor
USE BWR Type Reactors

BOLIVIA [01]
BT1 South America
BT2 Latin America
NT1 Chacaltaya
RT Andes

BOLL WEEVIL [01]
UF *Anthonomus Grandis*
BT1 Beetles
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
RT Cotton Plants

BOLLWORM [01]
UF *Heliothis*
BT1 Moths
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
RT Cotton Plants

BOLOMETERS [01]
BT1 Measuring Instruments
RT Temperature Measurement
RT Thermometers

BOLSA CHICA-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOLSA CHICA-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOLTED JOINTS [01]
BT1 Joints

Bolting
USE Fastening

BOLTWOODITE [01]
BT1 Potassium Silicates
BT2 Potassium Compounds
BT3 Alkali Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Boltzmann Approximation
USE Boltzmann Statistics

Boltzmann Collision Integral
USE Boltzmann Equation

BOLTZMANN EQUATION [01]
UF *Boltzmann Collision Integral*
UF *Boltzmann Transport Equation*
UF *Born-Green-Yvon Equation*
UF *Maxwell-Boltzmann Equation*
BT1 Differential Equations
BT2 Equations
RT Collision Integrals
RT Gases
RT Kinetic Equations
RT P1-Approximation
RT P3-Approximation
RT Statistical Mechanics
RT Transport Theory

Boltzmann Factor
USE Boltzmann Statistics

BOLTZMANN STATISTICS [01]
UF *Boltzmann Approximation*
UF *Boltzmann Factor*
UF *Maxwell-Boltzmann Distribution*
UF *Maxwell-Boltzmann Statistics*
UF *Maxwell Distribution*
UF *Maxwell Statistics*
UF *Maxwell Velocity Distribution*
RT Distribution
RT H Theorem
RT Statistical Mechanics

Boltzmann Transport Equation
USE Boltzmann Equation

BOLTZMANN-VLASOV EQUATION [01]
UF *Liouville Equation*
UF *Vlasov Equation*
UF *Vlasov Instability*
BT1 Differential Equations
BT2 Equations
RT Plasma
RT Transport Theory

BOM-ERDA PROCESS
DA April 1978
RT Coal Preparation
RT Desulfurization
DEF This wet oxidative process employs air in place of oxygen and operates at higher temperature and pressure than the Ledgemont process. Ferric and ferrous sulfates and sulfuric acid are generated.

BOMB REDUCTION [01]
BT1 Reduction
BT2 Chemical Reactions

Bombyx
USE Silkworm

BOND ANGLE [01]
RT Binding Energy
RT Chemical Bonds

BOND LENGTHS [01]
RT Binding Energy
RT Chemical Bonds
RT Molecular Structure

BONDING [01]
(For joining metals and other materials; see also BINDING ENERGY.)
UF *Fusion (Bonding, Nonmetallic)*
BT1 Joining
BT2 Fabrication
NT1 Self-Welding
RT Adhesion
RT Coalescence
RT Grouting
RT Joints

BONDUR [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Copper Alloys

BT2 Alloys
BT1 Magnesium Additions
BT2 Magnesium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

BONE CELLS [01]
UF *Osteocytes*
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Bone Marrow
RT Bone Marrow Cells
RT Bone Tissues

Bone Diseases
USE Skeletal Diseases

BONE FRACTURES [01]
UF *Fractures (Bone)*
BT1 Injuries
BT1 Skeletal Diseases
BT2 Diseases

BONE JOINTS [01]
UF *Joints (Anatomy)*
UF *Synovia*
BT1 Skeleton
BT2 Organs
BT3 Body
RT Cartilage
RT Rheumatic Diseases

BONE MARROW [01]
BT1 Hematopoietic System
BT2 Body
BT1 Organs
BT2 Body
BT1 Tissues
BT2 Body
RT Blood
RT Blood Cells
RT Blood Formation
RT Bone Cells
RT Bone Marrow Cells
RT Bone Tissues
RT Leukemia
RT Plasma Cells
RT Polycythemia
RT Radiation Syndrome
RT Reticuloendothelial System
RT Stem Cells
RT Trabecular Bone

BONE MARROW CELLS [01]
UF *Erythroblasts*
UF *Megakaryocytes*
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Biological Indicators
RT Blood Formation
RT Bone Cells
RT Bone Marrow

BONE SEEKERS [01]
BT1 Radioisotopes
BT2 Isotopes
RT Biological Hot Spots
RT Bone Tissues
RT Calcium Isotopes
RT Radionuclide Kinetics
RT Radium Isotopes
RT Strontium Isotopes

BONE TISSUES [01]
UF *Endosteum*
UF *Epiphysis (Bones)*
UF *Periosteum*
BT1 Connective Tissue
BT2 Tissues
BT3 Body
NT1 Antlers
NT1 Trabecular Bone
RT Bone Cells
RT Bone Marrow
RT Bone Seekers
RT Calcium
RT Dentin
RT Osteodensitometry
RT Osteomyelitis
RT Osteoporosis
RT Osteoradionecrosis
RT Osteosarcomas
RT Parathormone
RT Rheumatic Diseases
RT Rickets
RT Skeleton
RT Teeth

Bones
USE Skeleton

BONN SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

BONNER SPHERE DETECTORS [01]
UF *Multisphere Neutron Detectors*
BT1 Moderating Detectors
BT2 Neutron Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

BONNER SPHERE SPECTROMETERS [01]
BT1 Neutron Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

BONNEVILLE POWER ADMINISTRATION
DA March 1977
UF *BPA*
BT1 Electric Power
BT2 Power
BT1 US DOE
BT2 US Organizations
BT3 National Organizations

BONUS REACTOR [01]
UF *Boiling Nuclear Superheater Reactor*
UF *BWR Superheater Puerto Rico Reactor*
UF *Puerto Rico Bonus Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Bookkeeping
USE Accounting

BOOM TOWNS
DA February 1978
RT Human Populations
RT Rural Areas
RT Social Services
RT Urban Areas

Boosters (Particle)
USE Particle Boosters

BOOTSTRAP MODEL [01]
BT1 Composite Models
BT2 Particle Models
BT3 Mathematical Models
RT Coupling

BOP
DA May 1976
USE Blowout Preventers

BOPSSAR STANDARD PLANT [01]
DA March 1976
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants
RT Westinghouse Standard Reactor

BOR-60 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

BORANES [01]
UF *Diborane*
BT1 Boron Compounds

BORATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
NT1 Borax
RT Boron Oxides

BORAX [01]
BT1 Borates
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

BORAX-1 REACTOR [01]
UF *Boiling Reactor Experiment 1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BORAX-2 REACTOR [01]
UF *Boiling Reactor Experiment 2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BORAX-3 REACTOR [01]
UF *Boiling Reactor Experiment 3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors

BT2 Reactors

BORAX-4 REACTOR [01]
UF *Boiling Reactor Experiment 4*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BORAX-5 REACTOR [01]
UF *Boiling Reactor Experiment 5*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BORDONI PEAK [01]
RT Dislocations
RT Internal Friction

BOREHOLE LINKING
DA November 1976
UF *Linking (Borehole)*
NT1 Electrolinking
RT Propping Agents
DEF Creation of channels or fissures between boreholes in ore deposits to facilitate movement of gases or liquids.

BOREHOLES [01]
BT1 Cavities
RT Borescopes
RT Electrolinking
RT Exploratory Wells
RT Openings
RT Rock Drilling
RT Stemming Materials
RT Subterrene Penetrators
RT Well Logging

BORESCOPES [01]
DA December 1975
RT Boreholes
RT Pipes
RT Pressure Tubes
RT Telescopes
RT Tubes
RT Well Logging
DEF A device, usually optical, for examining the inside surface of tubes, pipes, or bores.

BORIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

BORIDES [01]
BT1 Boron Compounds
NT1 Aluminium Borides
NT1 Antimony Borides
NT1 Argon Borides
NT1 Barium Borides
NT1 Berkelium Borides
NT1 Beryllium Borides
NT1 Bismuth Borides
NT1 Cadmium Borides
NT1 Calcium Borides
NT1 Cerium Borides
NT1 Chromium Borides
NT1 Cobalt Borides
NT1 Copper Borides
NT1 Dysprosium Borides
NT1 Erbium Borides
NT1 Europium Borides
NT1 Gadolinium Borides
NT1 Germanium Borides
NT1 Hafnium Borides
NT1 Holmium Borides
NT1 Indium Borides
NT1 Iridium Borides
NT1 Iron Borides
NT1 Lanthanum Borides
NT1 Lithium Borides
NT1 Lutetium Borides
NT1 Magnesium Borides
NT1 Manganese Borides
NT1 Molybdenum Borides
NT1 Neodymium Borides
NT1 Neptunium Borides
NT1 Nickel Borides
NT1 Niobium Borides
NT1 Osmium Borides
NT1 Palladium Borides
NT1 Plutonium Borides
NT1 Potassium Borides
NT1 Praseodymium Borides
NT1 Rhenium Borides
NT1 Rhodium Borides
NT1 Ruthenium Borides
NT1 Samarium Borides
NT1 Scandium Borides
NT1 Silicon Borides
NT1 Sodium Borides
NT1 Strontium Borides
NT1 Tantalum Borides
NT1 Terbium Borides
NT1 Thorium Borides
NT1 Thulium Borides
NT1 Tin Borides
NT1 Titanium Borides
NT1 Tungsten Borides
NT1 Uranium Borides
NT1 Vanadium Borides
NT1 Ytterbium Borides
NT1 Yttrium Borides
NT1 Zinc Borides
NT1 Zirconium Borides
RT Intermetallic Compounds

BORN APPROXIMATION [01]
UF *Born Cross Sections*
UF *Plane-Wave Born Approximation*
UF *PWBA*
NT1 Coupled Channel Born Approximation
NT1 DWBA
RT Perturbation Theory
RT Quantum Mechanics
RT Scattering

Born-Bogolyubov-Green-Kirkwood-Yvon
USE BBGKY Equation

Born Cross Sections
USE Born Approximation

Born-Green-Yvon Equation
USE Boltzmann Equation

BORN-INFELD THEORY [01]
RT Electrodynamics
RT Maxwell Equations

BORN-MAYER EQUATION [01]
BT1 Equations

BORN-OPPENHEIMER APPROXIMATION [01]
RT Adiabatic Approximation
RT Scattering

BORN-VON KARMAN THEORY [01]
RT Specific Heat

BOROHYDRIDES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Boron Compounds
BT1 Hydrogen Compounds
NT1 Uranium Borohydrides

BORON [01]
BT1 Semimetals
BT2 Elements

BORON 7 [01]
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BORON 8 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BORON 9 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BORON 10 [01]
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Boron 10 Reactions

BORON 11 [01]
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Boron 11 Beams
RT Boron 11 Reactions

BORON 12 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BORON 13 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BORON 14 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BORON 15 [01]
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BORON 16
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BORON 17 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BORON 19 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Boron Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BORON ADDITIONS [01]
BT1 Boron Alloys
BT2 Alloys
NT1 Alloy-EHI437B
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-Khn60mkbyut
NT1 Alloy-Khn67vmtyu
NT1 Alloy-TSM6
NT1 Astroloy
NT1 Nimonic PE16
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Stainless Steel-Z6cnt18-12B
NT1 Steel-15Khg2sfmr
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-1Kh16n14v2br Ehp17

BORON ALLOYS [01]
BT1 Alloys
NT1 Boron Additions
NT2 Alloy-EHI437B
NT2 Alloy-IN-100
NT2 Alloy-IN-102
NT2 Alloy-Khn60mkbyut
NT2 Alloy-Khn67vmtyu
NT2 Alloy-TSM6
NT2 Astroloy
NT2 Nimonic PE16
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-15Khg2sfmr
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-1Kh16n14v2br Ehp17

BORON ARSENIDES
DA December 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Boron Compounds

BORON 10 BEAMS [01]
BT1 Ion Beams
BT2 Beams

BORON 11 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Boron 11

BORON BROMIDES [01]
BT1 Boron Compounds
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BORON CARBIDES [01]
BT1 Boron Compounds
BT1 Carbides
BT2 Carbon Compounds

BORON CHLORIDES [01]
BT1 Boron Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BORON COATED ION CHAMBERS [01]
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments

BORON COMPLEXES [01]
BT1 Complexes

BORON COMPOUNDS [01]
NT1 Boranes
*NT1 Borides
NT1 Borohydrides
NT2 Uranium Borohydrides
NT1 Boron Arsenides
NT1 Boron Bromides
NT1 Boron Carbides
NT1 Boron Chlorides
NT1 Boron Fluorides
NT1 Boron Hydrides
NT1 Boron Hydroxides
NT1 Boron Iodides
NT1 Boron Nitrides
NT1 Boron Oxides
NT1 Boron Phosphates
NT1 Boron Phosphides
NT1 Boron Silicates
NT2 Tourmaline
NT1 Boron Sulfides
NT1 Boronic Acids
NT1 Borosilicates
NT1 Carboranes
NT1 Fluoroborates
RT Organic Boron Compounds

BORON FLUORIDES [01]
BT1 Boron Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
RT Fluoroborates

BORON HYDRIDES
DA February 1975
BT1 Boron Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

BORON HYDROXIDES [01]
BT1 Boron Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

Boron Injection
DA January 1975
USE Safety Injection

BORON IODIDES [01]
BT1 Boron Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

BORON IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

BORON ISOTOPES [01]
NT1 Boron 7
NT1 Boron 8
NT1 Boron 9
NT1 Boron 10
NT1 Boron 11
NT1 Boron 12
NT1 Boron 13
NT1 Boron 14
NT1 Boron 15
NT1 Boron 16
NT1 Boron 17
NT1 Boron 19

BORON LINED COUNTERS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments

BORON NITRIDES [01]
BT1 Boron Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

BORON OXIDES [01]
BT1 Boron Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Borates

BORON PHOSPHATES [01]
BT1 Boron Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BORON PHOSPHIDES [01]
DA March 1976
BT1 Boron Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

BORON 10 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Boron 10

BORON 11 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Boron 11

BORON SILICATES [01]
BT1 Boron Compounds
BT1 Silicates
BT2 Oxygen Compounds

BT2 Silicon Compounds
NT1 Tourmaline

ORON SULFIDES [01]
BT1 Boron Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

BORON 10 TARGET [01]
DA July 1976
BT1 Targets

BORON 11 TARGET [01]
DA July 1976
BT1 Targets

BORON 12 TARGET [01]
DA July 1976
BT1 Targets

BORON 13 TARGET [01]
DA July 1976
BT1 Targets

BORONIC ACIDS [01]
BT1 Boron Compounds
BT1 Organic Acids
BT2 Organic Compounds

BOROSILICATES
DA July 1978
BT1 Boron Compounds
BT1 Silicon Compounds
DEF Constituent of low expansion heat resistant glass used for the vitrification of high-level radioactive waste.

BORSSELE REACTOR [01]
UF *KCB Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BOSCH PROCESS
DA January 1975
BT1 Chemical Reactions
RT Carbon Monoxide
RT Hydrogen Production
RT Steam
DEF Catalytic process for hydrogen production from carbon monoxide and steam.

BOSE-EINSTEIN CONDENSATION [01]
RT Superfluidity

BOSE-EINSTEIN GAS [01]
RT Bosons

BOSE-EINSTEIN STATISTICS [01]
RT Bosons
RT Cooper Pairs
RT Fermi Statistics
RT Parastatistics
RT Statistical Mechanics

BOSON-EXCHANGE MODELS [01]
UF *Meson Exchange*
BT1 Peripheral Models
BT2 Particle Models
BT3 Mathematical Models
NT1 Obe Model
NT2 Ope Model
NT3 Electric Born Model
RT Deep Inelastic Scattering

BOSONS [01]
NT1 Goldstone Bosons
NT2 Axions
NT1 Intermediate Bosons
NT2 Higgs Bosons
NT2 Intermediate Vector Bosons
NT1 Mesons
NT2 Antimesons
NT3 Pseudoscalar Antimesons
NT4 Antikaons
NT5 Antikaons Neutral
NT2 Meson Resonances
NT3 A Resonances
NT4 A1-1070 Resonances
NT4 A2-1310 Resonances
NT4 A4-1960 Resonances
NT4 A2H-1320 Resonances
NT4 A2L-1280 Resonances
NT4 F-1540 Resonances
NT3 B-1235 Resonances
NT3 Baryonium
NT3 Charmed Meson Resonances
NT4 D Resonances
NT5 D-1865 Resonances
NT5 D-2007 Resonances
NT4 F-2030 Resonances
NT4 F*Resonances
NT3 Chi Resonances
NT4 Chi-3455 Resonances
NT4 CHI-3500 Resonances
NT4 CHI-3550 Resonances
NT3 Chi-3410 Resonances
NT3 D-1285 Resonances
NT3 Delta-966 Resonances
NT3 E-1422 Resonances
NT3 Eta-700 Resonances
NT3 Eta-958 Resonances
NT3 Eta-1060 Resonances
NT3 H-2050 Resonances
NT3 Kappa-725 Resonances
NT3 K*Resonances
NT4 K-892 Resonances
NT4 K-1240 Resonances
NT4 K-1320 Resonances
NT4 K-1420 Resonances
NT4 K-1775 Resonances
NT4 K-1871 Resonances
NT4 L-1770 Resonances
NT3 Omega-1675 Resonances
NT3 Omega-1778 Resonances
NT3 Pi-1016 Resonances
NT3 Pi-1640 Resonances
NT3 Q Resonances
NT3 R-1650 Resonances
NT3 Rho-1250 Resonances
NT3 Rho-1500 Resonances
NT3 Rho-1670 Resonances
NT3 Rho-1700 Resonances
NT3 S-1000 Resonances
NT3 S-1930 Resonances
NT3 Sigma-410 Resonances
NT3 T-2200 Resonances
NT3 Tensor Mesons
NT4 A2-1310 Resonances
NT4 F-1260 Resonances
NT4 F-1514 Resonances
NT4 K-1420 Resonances
NT3 U-2375 Resonances
NT3 Upsilon Resonances
NT4 Upsilon-9500 Resonances
NT4 Upsilon-10500 Resonances
NT3 Vector Mesons
NT4 K-892 Resonances
NT4 Omega-784 Resonances
NT4 Phi-1019 Resonances
NT4 Psi Resonances
NT5 Psi-3105 Resonances
NT5 Psi-3695 Resonances
NT5 PSI-3772 Resonances
NT5 PSI-4028 Resonances
NT5 Psi-4100 Resonances
NT5 Psi-4300 Resonances
NT5 PSI-4414 Resonances
NT4 Rho-765 Resonances
NT4 Rho-1600 Resonances
NT3 X-2830 Resonances
NT2 Pomeranchuk Particles
NT2 Pseudoscalar Mesons
NT3 Eta Mesons
NT3 Eta-958 Resonances
NT3 Kaons
NT4 Antikaons
NT5 Antikaons Neutral
NT4 Cosmic Kaons
NT4 Kaons Minus
NT4 Kaons Neutral
NT5 Antikaons Neutral
NT5 Kaons Neutral Long-Lived
NT5 Kaons Neutral Short-Lived
NT4 Kaons Plus
NT3 Omega-1675 Resonances
NT3 Pions
NT4 Cosmic Pions
NT4 Pions Minus
NT4 Pions Neutral
NT4 Pions Plus
NT3 Pseudoscalar Antimesons
NT4 Antikaons
NT5 Antikaons Neutral
NT2 Scalar Mesons
RT Bose-Einstein Gas
RT Bose-Einstein Statistics
RT Interacting Boson Model

BOTANY [01]
BT1 Biology
NT1 Geobotany
RT Plants

BOTSWANA [01]
BT1 Africa

Bottom-Hole Pressure
DA August 1978
USE Well Pressure

BOTTOMING CYCLES
DA February 1975
BT1 Thermodynamic Cycles

BOUND STATE [01]
RT Charmonium
RT Coupling
RT Energy Levels
RT Impulse Approximation

Boundaries (Grain)
USE Grain Boundaries

BOUNDARY CONDITIONS [01]
UF *Asymptotic Conditions*
NT1 Marshak Boundary Conditions
NT1 Moving-Boundary Conditions
RT Asymptotic Solutions
RT Cauchy Problem
RT Differential Equations
RT PHI4-Field Theory

BOUNDARY LAYERS [01]
BT1 Layers
RT Fluid Flow
RT Rosseland Approximation

BOUNDARY-VALUE PROBLEMS
DA May 1976
RT Differential Equations

Bovine
USE Cattle

BOXCAR EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
RT Seismic Detection

BPA
DA March 1977
USE Bonneville Power Administration

BPH [01]
UF *Benzoylphenylhydroxylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
RT Amides

BR-1 REACTOR [01]
UF *Belgian Reactor 1*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors

BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BR-02 REACTOR [01]
UF *Belgian Reactor 02*
UF *BR-2 Zero Power Mock-Up Reactor*
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BR-2 REACTOR [01]
UF *Belgian Reactor 2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BR-3 REACTOR [01]
UF *Belgian Reactor 3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BR-1 Reactor (USSR)
USE SBR-1 Reactor

BR-2 Reactor (USSR)
USE SBR-2 Reactor

BR-5 Reactor (USSR)
USE SBR-5 Reactor

BR-3-VN REACTOR [01]
UF *Belgian Reactor-3/Vulcain*
UF *BR-3/Vulcain Reactor*
UF *Vulcain/Belgian-3 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

BR-3/Vulcain Reactor
USE BR-3-VN Reactor

BR-2 Zero Power Mock-Up Reactor
USE BR-02 Reactor

Brackish Water Ecosystems
USE Aquatic Ecosystems

BRADWELL REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BRADYKININ
DA January 1975
BT1 Kinins
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds

Bragg Angle
USE Bragg Reflection

BRAGG CURVE [01]
UF *Bragg Peak*
UF *Bragg Zone*
BT1 Diagrams
RT Energy Losses
RT Ionization
RT LET

Bragg Diffraction
USE Bragg Reflection

BRAGG GRAY CHAMBERS [01]
UF *Air Wall Ionization Chambers*
UF *Cavity Ionization Chambers*
UF *Tissue Equivalent Chambers*
BT1 Dosemeters
BT2 Measuring Instruments
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments

Bragg Law
USE Bragg Reflection

Bragg Peak
USE Bragg Curve

BRAGG REFLECTION [01]
UF *Bragg Angle*
UF *Bragg Diffraction*
UF *Bragg Law*
UF *Laue-Bragg Scattering*
BT1 Reflection
RT X-Ray Diffraction

Bragg Zone
USE Bragg Curve

BRAIDWOOD-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BRAIDWOOD-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BRAIN [01]
BT1 Central Nervous System
BT2 Nervous System
BT1 Organs
BT2 Body
NT1 Cerebellum
NT1 Cerebrum
NT2 Cerebral Cortex
NT1 Hypothalamus
NT1 Olfactory Bulbs
NT1 Thalamus
RT Electroencephalography
RT Encephalitis
RT Head
RT Mental Disorders
RT Pineal Gland
RT Skull

BRAKES [01]
BT1 Machine Parts
NT1 Water Brakes
RT Regenerative Braking

Braking Radiation
USE Bremsstrahlung

BRANCHING RATIO [01]
RT Bethe-Heitler Theory
RT Decay
RT Ft Value
RT Mixing Ratio

BRANNERITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Brasimone PEC Reactor
USE PEC Brasimone Reactor

BRASS [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Zinc Alloys
BT2 Alloys
NT1 Brass-Alpha
NT1 Brass-Beta
RT Muntz Metal
RT Ounce Metal

BRASS-ALPHA [01]
BT1 Brass

BT2 Copper Base Alloys
BT3 Copper Alloys
BT4 Alloys
BT2 Zinc Alloys
BT3 Alloys

BRASS-BETA [01]
BT1 Brass
BT2 Copper Base Alloys
BT3 Copper Alloys
BT4 Alloys
BT2 Zinc Alloys
BT3 Alloys

BRASSICA [01]
UF *Cabbage*
UF *Cauliflower*
UF *Mustard*
UF *Sarson*
UF *Turnips*
BT1 Plants
BT1 Vegetables
BT2 Food

BRAUN STANDARD TURBINE ISLAND
DA July 1975
UF *C F Braun Standard Turbine Island*
RT BWR Type Reactors
RT Steam Systems
RT Turbogenerators

Braunschweig Experimental Reactor
USE FMRB Reactor

Braunschweig Research Reactor
USE FMRB Reactor

BRAYTON CYCLE [01]
BT1 Thermodynamic Cycles
RT Brayton Cycle Power Systems
RT Thermodynamics
DEF A thermodynamic cycle consisting of two constant-pressure processes interspersed with two constant-entropy cycles.

BRAYTON CYCLE POWER SYSTEMS
DA January 1975
RT Brayton Cycle
RT Gas Turbines
RT Solar Heat Engines

BRAZED JOINTS [01]
DA January 1975
BT1 Welded Joints
BT2 Joints
RT Brazing

BRAZIL [01]
BT1 South America
BT2 Latin America

BRAZILIAN ORGANIZATIONS [01]
DA June 1977
BT1 National Organizations
NT1 Nuclebras

BRAZING [01]
UF *Hard Soldering*
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Brazed Joints
RT Brazing Alloys
RT Soldering

BRAZING ALLOYS [01]
BT1 Alloys
RT Brazing
RT Filler Metals

BRAZOS RIVER
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Texas

BRAZZAVILLE [01]
BT1 Congo Peoples Republic
BT2 Africa

BREAD [01]
BT1 Food
RT Flour

BREAKDOWN [01]
(Limited to electric discharge phenomena. See also CLEAVAGE or DECOMPOSITION.)
RT Electric Discharges
RT Electric Potential
RT Electric Sparks
RT Lichtenberg Figures
RT Paschen Law
RT Spark Gaps

Breakers (Circuit)
USE Circuit Breakers

BREAKEVEN [01]
DA April 1975
UF *Zero Energy Balance*
BT1 Energy Balance
RT Lawson Criterion
RT Plasma
RT Thermonuclear Reactors

BREAKUP REACTIONS [01]
BT1 Nuclear Reactions

Breakwaters
DA April 1975
USE Dams

Breasts
USE Mammary Glands

BREATH [01]
UF *Breathing*
RT Air
RT Exhalation
RT Inhalation
RT Respiration
RT Respirators
RT Respiratory System

Breathing
USE Breath

BREEDER REACTORS [01]
BT1 Reactors
*NT1 FBR Type Reactors
NT1 LWBR Type Reactors
RT Accelerator Breeders
RT Breeding Pellets
RT ZPR-9 Reactor

BREEDING [01]
(Fuel breeding only. See also ANIMAL BREEDING and PLANT BREEDING.)
BT1 Nuclear Fuel Conversion
RT Accelerator Breeders
RT Breeding Blankets
RT Breeding Pellets
RT Breeding Ratio
RT Transmutation
RT Tritium Recovery

BREEDING BLANKETS [01]
UF *Blankets (Breeding)*
BT1 Reactor Components
RT Breeding
RT Breeding Pellets
RT Fertile Materials
RT Flibe
RT Thermonuclear Devices

BREEDING PELLETS [01]
DA August 1976
UF *Pellets (Breeding)*
RT Breeder Reactors
RT Breeding
RT Breeding Blankets
RT Thermonuclear Reactors

BREEDING RATIO [01]
BT1 Conversion Ratio
RT Breeding

BREIT-WIGNER FORMULA [01]
UF *Single-Level Resonance Formula*
RT Cross Sections
RT Multilevel Analysis

BREMSSTRAHLUNG [01]
UF *Braking Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
NT1 Cyclotron Radiation
NT1 Internal Bremsstrahlung
NT1 Ondulator Radiation
NT1 Synchrotron Radiation
RT Bethe-Heitler Theory
RT Migdal Theory
RT Peierls Method
RT Penfold-Leiss Method
RT Radiation Length
RT Tagged Photon Method

Bremsstrahlung (Magnetic)
USE Synchrotron Radiation

BRICKS [01]
BT1 Building Materials
BT2 Materials
RT Adobe

BRIDGES
DA June 1975
BT1 Mechanical Structures
RT Roads

Bridges (Electric)
USE Electric Bridges

BRIDGMAN METHOD [01]
RT Crystal Growth

BRIGGS CRITERION [01]
(Allows distinguishing between absolute and convective plasma instabilities.)
RT Absolute Instabilities
RT Convective Instabilities

Brigham Young University Laboratory Reactor
USE BYU L-77 Reactor

BRIGHTNESS [01]
BT1 Optical Properties
BT2 Physical Properties
RT Beam Emittance
RT Luminosity

BRILLOUIN EFFECT [01]
UF *Brillouin Scattering*
BT1 Coherent Scattering
BT2 Scattering

Brillouin Scattering
USE Brillouin Effect

BRILLOUIN THEOREM
DA January 1975
RT Energy Levels
RT Matrix Elements
RT Wave Functions
DEF Theorem states that if two determinants constructed from exact Hartree-Fock orbitals differ in one spin orbital, the matrix element connecting these two determinants will vanish.

BRILLOUIN ZONES [01]
BT1 Zones
RT Band Theory

BRINELL HARDNESS [01]
RT Hardness

BRINES [01]
RT Geothermal Fluids
RT Salts
RT Solutions
DEF Water saturated or strongly impregnated with common salt.

BRINKMAN-KRAMERS APPROXIMATION [01]
RT Perturbation Theory
RT Scattering

BRIQUETS
DA June 1975
BT1 Solid Fuels
BT2 Fuels
RT Coal Fines
RT Fossil Fuels

BRIQUETTING
DA October 1975
BT1 Molding
BT2 Fabrication
RT Agglomeration
RT Caking
RT Compacting
RT Formed Coke Processes
RT Pelletizing

BRITISH COLUMBIA [01]
BT1 Canada
BT2 North America
RT Peace River

British Experimental Pile Operation
USE BEPO Reactor

British Gas Corporation Process
DA January 1976
USE CRG Processes

BRITISH GUIANA [01]
BT1 South America
BT2 Latin America

BRITTLE-DUCTILE TRANSITIONS
DA February 1975
UF *Transitions (Brittle-Ductile)*
RT Brittleness
RT Ductility
RT Embrittlement

BRITTLENESS [01]
BT1 Mechanical Properties
RT Brittle-Ductile Transitions
RT Ductile-Brittle Transitions
RT Embrittlement

BROADLANDS GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT New Zealand

BROEGGERITE [01]
BT1 Uraninites
BT2 Uranium Minerals
BT3 Radioactive Minerals
BT4 Minerals
BT4 Radioactive Materials

BROKDORF REACTOR [01]
DA November 1976
UF *Kernkraftwerk Brokdorf*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BROKEN-PAIR APPROXIMATION [01]
DA January 1975
RT Nuclear Theory
RT Shell Models
DEF A method, which conserves nucleon number, developed to treat pairing correlations in nuclei. It is an approximation to the seniority shell model and takes into acount the quasi-particle residual interaction.

BROMATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

BROMIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

BROMIDES [01]
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Actinium Bromides
NT1 Aluminium Bromides
NT1 Americium Bromides
NT1 Antimony Bromides
NT1 Arsenic Bromides
NT1 Astatine Bromides
NT1 Barium Bromides
NT1 Berkelium Bromides
NT1 Beryllium Bromides
NT1 Bismuth Bromides
NT1 Boron Bromides
NT1 Cadmium Bromides
NT1 Calcium Bromides
NT1 Californium Bromides
NT1 Cerium Bromides
NT1 Cesium Bromides
NT1 Chromium Bromides
NT1 Cobalt Bromides
NT1 Copper Bromides
NT1 Curium Bromides
NT1 Dysprosium Bromides
NT1 Einsteinium Bromides
NT1 Erbium Bromides
NT1 Europium Bromides
NT1 Francium Bromides
NT1 Gadolinium Bromides
NT1 Gallium Bromides
NT1 Germanium Bromides
NT1 Gold Bromides
NT1 Hafnium Bromides
NT1 Holmium Bromides
NT1 Indium Bromides
NT1 Iodine Bromides
NT1 Iron Bromides
NT1 Lanthanum Bromides
NT1 Lead Bromides
NT1 Lithium Bromides
NT1 Lutetium Bromides
NT1 Magnesium Bromides
NT1 Manganese Bromides
NT1 Mercury Bromides
NT1 Molybdenum Bromides
NT1 Neodymium Bromides
NT1 Neptunium Bromides
NT1 Nickel Bromides
NT1 Niobium Bromides
NT1 Palladium Bromides
NT1 Phosphorus Bromides
NT1 Platinum Bromides
NT1 Plutonium Bromides
NT1 Polonium Bromides
NT1 Potassium Bromides
NT1 Praseodymium Bromides
NT1 Promethium Bromides
NT1 Protactinium Bromides
NT1 Radium Bromides
NT1 Rhenium Bromides
NT1 Rhodium Bromides
NT1 Rubidium Bromides
NT1 Ruthenium Bromides
NT1 Samarium Bromides
NT1 Scandium Bromides
NT1 Selenium Bromides
NT1 Silicon Bromides
NT1 Silver Bromides
NT1 Sodium Bromides
NT1 Strontium Bromides
NT1 Tantalum Bromides
NT1 TEAB
NT1 Technetium Bromides
NT1 Tellurium Bromides
NT1 Terbium Bromides
NT1 Thallium Bromides
NT1 Thorium Bromides
NT1 Thulium Bromides
NT1 Tin Bromides
NT1 Titanium Bromides
NT1 Tungsten Bromides
NT1 Uranium Bromides
NT1 Vanadium Bromides
NT1 Xenon Bromides
NT1 Ytterbium Bromides
NT1 Yttrium Bromides
NT1 Zinc Bromides
NT1 Zirconium Bromides
RT Bromine Additions
RT Hydrobromic Acid
RT Oxybromides

BROMINATED ALICYCLIC HYDROCARBONS
DA February 1975
BT1 Halogenated Alicyclic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

BROMINATED ALIPHATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aliphatic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Bromoform
NT1 Methyl Bromide

BROMINATED AROMATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aromatic Hydrocarbons
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

BROMINATION [01]
BT1 Halogenation
BT2 Chemical Reactions

BROMINE [01]
UF *Bromine Bromides*
BT1 Halogens
BT2 Nonmetals
BT3 Elements

BROMINE 69 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 70 [01]
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 71 [01]
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 72 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 73 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 74 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 75 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 76 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 77 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 78 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 79 [01]
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Bromine 79 Beams

BROMINE 80 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 81 [01]
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

BROMINE 82 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 83 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 84 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE 85 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

BROMINE 86 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 87 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 88 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 89 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 90 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei

BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 91 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BROMINE 92 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

BROMINE ADDITIONS [01]
RT Bromides
RT Crystal Doping
RT Doped Materials

BROMINE 79 BEAMS [01]
DA August 1976
BT1 Ion Beams
BT2 Beams
RT Bromine 79

Bromine Bromides
USE Bromine

BROMINE CHLORIDES [01]
UF *Chlorine Bromides*
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BROMINE COMPLEXES [01]
BT1 Complexes

BROMINE COMPOUNDS [01]
BT1 Halogen Compounds
NT1 Bromates
*NT1 Bromides
NT1 Bromine Chlorides
NT1 Bromine Fluorides
NT1 Bromine Oxides
NT1 Oxybromides
NT1 Perbromates
RT Organic Bromine Compounds

BROMINE FLUORIDES [01]
UF *Fluorine Bromides*
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

Bromine Iodides
USE Iodine Bromides

BROMINE IONS [01]
BT1 Ions
BT2 Charged Particles

BROMINE ISOTOPES [01]
NT1 Bromine 69
NT1 Bromine 70
NT1 Bromine 71
NT1 Bromine 72
NT1 Bromine 73
NT1 Bromine 74
NT1 Bromine 75
NT1 Bromine 76
NT1 Bromine 77
NT1 Bromine 78
NT1 Bromine 79
NT1 Bromine 80
NT1 Bromine 81
NT1 Bromine 82
NT1 Bromine 83
NT1 Bromine 84
NT1 Bromine 85
NT1 Bromine 86
NT1 Bromine 87
NT1 Bromine 88
NT1 Bromine 89
NT1 Bromine 90
NT1 Bromine 91
NT1 Bromine 92

BROMINE NUMBER
DA May 1976
RT Gasoline
RT Oils
DEF Number of centigrams of bromine which are absorbed by 1 gram of oil under certain conditions.

BROMINE OXIDES [01]
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

BROMINE 76 TARGET [01]
DA March 1979
BT1 Targets

BROMINE 79 TARGET [01]
DA July 1976
BT1 Targets

BROMINE 81 TARGET [01]
DA July 1976
BT1 Targets

Bromodeoxyuridine
USE BUDR

BROMOFORM [01]
BT1 Brominated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Bromine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
RT Hydrocarbons
RT Methane

BROMOSULFOPHTHALEIN [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT1 Indicators
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Reagents
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Phthalic Acid

BROMOURACILS [01]
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
NT1 BUDR

BRONCHI [01]
BT1 Respiratory System
RT Bronchitis
RT Lungs

BRONCHITIS [01]
BT1 Respiratory System Diseases
BT2 Diseases
RT Bronchi

Bronchogenic Carcinoma
USE Carcinomas
AND Respiratory System Diseases

BRONCHOPNEUMONIA [01]
BT1 Pneumonia
BT2 Respiratory System Diseases
BT3 Diseases

BRONCO EVENT
DA June 1975
BT1 Nuclear Explosions
BT2 Explosions

BRONZE [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Tin Alloys
BT2 Alloys

Bronze (Sodium Tungsten)
DA August 1979
USE Sodium Tungsten Bronze

BROOKHAVEN AGS [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

BROOKHAVEN CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Brookhaven Graphite Research Reactor
USE BGRR Reactor

Brookhaven High Flux Beam Reactor
USE HFBR Reactor

Brookhaven Intersecting Storage Accelerators
USE Isabelle Storage Rings

Brookhaven Medical Research Reactor
USE MRR Reactor

Brookhaven National Laboratory
USE BNL

BROWN COAL
DA January 1975
BT1 Coal
BT2 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
NT1 Lignite

BROWNIAN MOVEMENT [01]
RT Collisions
RT Colloids
RT Motion

BROWNOUTS
DA February 1975

RT Blackouts
RT Electric Power

BROWNS FERRY-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BROWNS FERRY-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BROWNS FERRY-3 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BRR REACTOR [01]
UF *Battelle Research Reactor*
UF *BMI Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BRUCE-1 REACTOR [01]
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BRUCE-2 REACTOR [01]
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BRUCE-3 REACTOR [01]
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BRUCE-4 REACTOR [01]
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BRUCE-5 REACTOR [01]
DA August 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

BRUCE-6 REACTOR [01]
DA August 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

BRUCE-7 REACTOR [01]
DA August 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

BRUCE-8 REACTOR [01]
DA August 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

BRUCELLA [01]
BT1 Bacteria
BT2 Microorganisms

Brueckner Approximation
USE Goldstone Diagrams

Brueckner-Gammel Potential
USE Brueckner Method

Brueckner-Gammel-Weitzner Theory
USE Brueckner Method

Brueckner-Goldstone Theory
USE Goldstone Diagrams

BRUECKNER METHOD [01]
UF *Brueckner-Gammel Potential*
UF *Brueckner-Gammel-Weitzner Theory*
RT Brueckner Model
RT Nuclear Models
RT Nucleons

BRUECKNER MODEL [01]
UF *Brueckner Potential*
UF *Brueckner-Watson Theory*
BT1 Nuclear Models
BT2 Mathematical Models
RT Brueckner Method

Brueckner Potential
USE Brueckner Model

Brueckner-Sawada Theory
USE Goldstone Diagrams

Brueckner-Watson Theory
USE Brueckner Model

BRUNEI
(Sultanate and British Protectorate, NW Borneo.)
DA July 1976
BT1 Asia

Bruno Leuschner-1 Reactor
DA June 1975
USE Greifswald-1 Reactor

Bruno Leuschner-2 Reactor
DA June 1975
USE Greifswald-2 Reactor

Bruno Leuschner-3 Reactor
DA September 1978
USE Greifswald-3 Reactor

Bruno Leuschner-4 Reactor
DA September 1978
USE Greifswald-4 Reactor

BRUNSBUETTEL REACTOR [01]
SF *KKB Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BRUNSWICK-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BRUNSWICK-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BSF Reactor
USE BSR-1 Reactor

BSG DEVICES [01]
BT1 Linear Theta Pinch Devices
BT2 Linear Pinch Devices
BT3 Open Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

BSR-1 REACTOR [01]
UF *BSF Reactor*
UF *Bulk Shielding Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BSR-2 REACTOR [01]
UF *Bulk Shielding Reactor-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BUBBLE CHAMBERS [01]
BT1 Gas Track Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Cryogenic Bubble Chambers
NT1 Heavy Liquid Bubble Chambers
NT1 Ultrasonic Bubble Chambers
RT Digitizers

BUBBLE GROWTH [01]
RT Boiling
RT Boiling Detection

BUBBLES [01]
RT Blisters
RT Boiling Detection
RT Foams
RT Voids

BUBIAG-DIDIER PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

BUCKET WHEEL EXCAVATORS
DA April 1978
BT1 Earthmoving Equipment
BT2 Equipment
BT1 Mining Equipment
BT2 Equipment

BUCKINGHAM POTENTIAL [01]
RT Interatomic Forces

BUCKLING [01]
(For neutron density distribution in reactors; for structural buckling see DEFORMATION or FAILURES.)
NT1 Geometric Buckling
NT1 Material Buckling
RT Criticality

Buckling (Structural)
USE Deformation

BUCKWHEAT [01]
BT1 Plants
RT Cereals

BUDAPEST TRAINING REACTOR
DA January 1975
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

BUDGETS [01]
RT Allocations
RT Cost
RT Economics
RT Financial Data
RT Financing

Budker Accelerators
USE Plasma Betatrons

BUDR [01]
UF *Bromodeoxyuridine*
BT1 Bromouracils
BT2 Antimetabolites
BT3 Antimitotic Drugs
BT4 Drugs
BT2 Organic Bromine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Uracils
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Pyrimidines
BT4 Azines
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
RT Deoxyuridine

BUDS [01]
RT Plants

BUFFALO [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals
RT Domestic Animals

BUFFALO PROJECT [01]
UF *Project (Buffalo)*
RT Atmospheric Explosions
RT Nuclear Explosions
RT Surface Explosions

Buffalo PULSTAR Reactor
USE Pulstar-Buffalo Reactor

BUFFERS [01]
RT Gases
RT PH Value
RT Solutions

BUFOTENINE [01]
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Tryptamines
BT2 Amines
BT3 Organic Compounds
BT2 Indoles
BT3 Pyrroles
BT4 Azoles
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds

BUGEY-1 REACTOR [01]
UF *EDF-5 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

BUGEY-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BUGEY-3 REACTOR
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Building (Constructing)
USE Construction

Building (Manufacturing)
USE Fabrication

BUILDING CODES
DA April 1978
RT Local Government
RT Regulations

BUILDING MATERIALS [01]
UF *Structural Materials*
BT1 Materials
NT1 Adobe
NT1 Bricks
NT1 Cements
NT2 Gypsum Cements

NT2 Portland Cement
NT1 Concrete Blocks
NT1 Concretes
NT2 Prestressed Concrete
NT2 Reinforced Concrete
RT Buildings
RT Composite Materials
RT Mortars
RT Pavements
RT Reinforced Materials
RT Sand
RT Shielding Materials
RT Structural Beams
RT U Values

BUILDINGS [01]
UF *Structures (Buildings)*
NT1 Animal Shelters
NT1 Commercial Buildings
NT2 Restaurants
NT2 Shopping Centers
NT1 Earth-Covered Buildings
NT1 Federal Buildings
NT1 Greenhouses
NT2 Attached Greenhouses
NT1 Hospitals
NT1 Office Buildings
NT1 Public Buildings
NT2 Shopping Centers
NT1 Residential Buildings
NT2 Apartment Buildings
NT2 Houses
NT1 School Buildings
RT Air Curtains
RT Air Infiltration
RT Airtightness
RT Architecture
RT attics
RT Building Materials
RT Ceilings
RT Construction
RT Construction Industry
RT Drum Walls
RT Energy Management Systems
RT Floors
RT Foundations
RT Mechanical Structures
RT Medical Centers
RT Occupants
RT Retrofitting
RT Roofs
RT Shelters
RT Stacks
RT Trombe Walls
RT Walls

Buildings (Containment)
USE Containment Buildings

BUILDUP [01]
UF *Accumulation*
UF *Radiation Buildup*
RT Biological Accumulation
RT Depth Dose Distributions
RT Ionization
RT Ionizing Radiations
RT Radiation Doses
RT Radiations
RT Scattering
RT Shielding
RT Spatial Dose Distributions

BULBS [01]
RT Onions
RT Plants

BULGARIA [01]
BT1 Europe
RT Black Sea
RT Danube River

Bulgarian Research Reactor IRT-2000
USE IRT-Sofia Reactor

BULK DENSITY
DA May 1978
BT1 Density
BT2 Physical Properties

BULK SEMICONDUCTOR DETECTORS [01]
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Crystal Counters

Bulk Shielding Reactor-1
USE BSR-1 Reactor

Bulk Shielding Reactor-2
USE BSR-2 Reactor

BUMP-IN-TAIL INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Resonance

BUNA [01]
BT1 Rubbers
BT2 Elastomers
BT3 Polymers
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Butadiene

Bunching (Beam)
USE Beam Bunching

Bundles (Fuel Elements)
USE Fuel Element Clusters

Bunker Oils
DA January 1976
USE Residual Fuels

Bunkers
DA June 1977
USE Hoppers

BUOYS
DA August 1976
RT Meteorology
RT Navigational Instruments
RT Oceanography
RT Offshore Operations
RT Water Pollution

Bureau of Mines
DA November 1976
USE US Bureau of Mines

BURGERS VECTOR [01]
RT Dislocations

BURMA [01]
BT1 Asia

BURNABLE POISONS [01]
BT1 Neutron Absorbers
BT1 Nuclear Poisons
BT2 Reactor Materials
RT Burnup
RT Control Elements
RT Fluid Poison Control
RT Reactor Control Systems
RT Reactor Kinetics

Burner Fuel Oil
DA March 1976
USE Heating Oils

BURNERS
DA January 1975
NT1 Fluidized-Bed Combustors
NT1 Gas Burners
NT1 Oil Burners
RT Combustion
RT Combustors
RT Flashback
RT Furnaces
RT Stokers

BURNOUT [01]
RT Dryout
RT Fuel Elements
RT Heat Flux
RT Heat Transfer
RT Hot Spots
RT Reactor Accidents

BURNOUT DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

BURNS [01]
BT1 Injuries
NT1 Flash Burns
NT1 Radiation Burns
RT Fires
RT Safety Showers
RT Skin Diseases

BURNUP [01]
UF *Depletion (Nuclear Fuels)*
RT Burnable Poisons
RT Fuel Scanning
RT Nuclear Fuels
RT Spent Fuel Elements

BURROS [01]
UF *Donkeys*
BT1 Mammals
BT2 Vertebrates
BT3 Animals

BURROUGHS COMPUTERS
DA January 1975
BT1 Computers

Bursa of Fabricius
USE Birds
AND Lymphatic System

Burst Can Detection
USE Failed Element Detection

Burst Can Monitors
USE Failed Element Monitors

Burst Reactors
USE Pulsed Reactors

Burst Slug Detection
USE Failed Element Detection

Burst Slug Monitors
USE Failed Element Monitors

BUSES
DA January 1975
BT1 Transportation Systems
BT1 Vehicles
RT Road Tests

BUSHINGS [01]
RT Bearings

Business
DA December 1977
USE Commerce

BUSPR Reactor
USE Pulstar-Buffalo Reactor

Busulfan
USE Myleran

BUTADIENE [01]
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds
RT Buna
RT Neoprene
RT Organic Polymers

BUTANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

2-3-BUTANEDIOL
DA July 1979
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds

Butanoic Acid
USE Butyric Acid

BUTANOLS [01]
UF *Butyl Alcohols*
UF *Butyric Alcohols*

BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

BUTENES [01]
UF *Butylenes*
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

BUTEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Butler-Born Approximation
USE Butler Theory

BUTLER THEORY [01]
UF *Butler-Born Approximation*
RT Stripping

BUTOXY RADICALS [01]
BT1 Alkoxy Radicals
BT2 Radicals

BUTTER [01]
BT1 Milk Products
BT2 Food
RT Butter Fat

BUTTER FAT [01]
BT1 Fats
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
RT Butter

Buttercups
USE Ranunculaceae

Butyl Alcohols
USE Butanols

Butyl-alpha-Methylbenzylphenol
USE BAMBP

BUTYL ETHER [01]
UF *Dibutyl Ether*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Organic Solvents

BUTYL PHOSPHATES [01]
BT1 Phosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds
NT1 DBP
NT1 TBP

BUTYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Butylenes
USE Butenes

BUTYRIC ACID [01]
UF *Butanoic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Butyric Alcohols
USE Butanols

BUTYRYL RADICALS [01]
BT1 Acyl Radicals
BT2 Radicals

BW STANDARD REACTOR [01]
(Prior to 1975, PWR/241 Type Reactors was used.)
DA January 1975
UF *Babcock And Wilcox Standard Reactor*
UF *PWR/241 Type Reactors*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BWR Superheater Puerto Rico Reactor
USE BONUS Reactor

BWR TYPE REACTORS [01]
UF *Boiling Water Cooled and Moderated Reactor*
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 Allens Creek-1 Reactor
NT1 Allens Creek-2 Reactor
NT1 Bailly-1 Reactor
NT1 Barsebaeck-1 Reactor
NT1 Barsebaeck-2 Reactor
NT1 Barton-1 Reactor
NT1 Barton-2 Reactor
NT1 Barton-3 Reactor
NT1 Barton-4 Reactor
NT1 Bell Reactor
NT1 Big Rock Point Reactor
NT1 Black Fox-1 Reactor
NT1 Black Fox-2 Reactor
NT1 Bolsa Chica-1 Reactor
NT1 Bolsa Chica-2 Reactor
NT1 BONUS Reactor
NT1 Browns Ferry-1 Reactor
NT1 Browns Ferry-2 Reactor
NT1 Browns Ferry-3 Reactor
NT1 Brunsbuettel Reactor
NT1 Brunswick-1 Reactor
NT1 Brunswick-2 Reactor
NT1 Carolina-3 Reactor
NT1 Chinshan-1 Reactor
NT1 Chinshan-2 Reactor
NT1 Clinton-1 Reactor
NT1 Clinton-2 Reactor
NT1 Cofrentes Reactor
NT1 Cooper Reactor
NT1 Dodewaard Reactor
NT1 Douglas Point-1 Reactor
NT1 Douglas Point-2 Reactor
NT1 Dresden-1 Reactor
NT1 Dresden-2 Reactor
NT1 Dresden-3 Reactor
NT1 Duane Arnold-1 Reactor
NT1 EBWR Reactor
NT1 ENEL-4 Reactor
NT1 Enrico Fermi-2 Reactor
NT1 ERR Reactor
NT1 Fitzpatrick Reactor
NT1 Forsmark-1 Reactor
NT1 Forsmark-2 Reactor
NT1 Forsmark-3 Reactor
NT1 Fukushima-1 Reactor
NT1 Fukushima-2 Reactor
NT1 Fukushima-3 Reactor
NT1 Fukushima-4 Reactor
NT1 Fukushima-5 Reactor
NT1 Fukushima-6 Reactor
NT1 Garigliano Reactor
NT1 Garona Reactor
NT1 GE Standard Reactor
NT1 Graben-1 Reactor
NT1 Graben-2 Reactor
NT1 Grand Gulf-1 Reactor
NT1 Grand Gulf-2 Reactor
NT1 Gundremmingen-2 Reactor
NT1 Gundremmingen-3 Reactor
NT1 Hamaoka-1 Reactor
NT1 Hamaoka-2 Reactor
NT1 Hartsville-1 Reactor
NT1 Hartsville-2 Reactor
NT1 Hartsville-3 Reactor
NT1 Hartsville-4 Reactor
NT1 Hatch-1 Reactor
NT1 Hatch-2 Reactor
NT1 HDR Reactor
NT1 Hope Creek-1 Reactor
NT1 Hope Creek-2 Reactor
NT1 Humboldt Bay Reactor
NT1 Isar Reactor
NT1 JPDR Reactor
NT1 JPDR-2 Reactor
NT1 Kaiseraugst Reactor
NT1 Kruemmel Reactor
NT1 Kuosheng-1 Reactor
NT1 Kuosheng-2 Reactor
NT1 La Salle County-1 Reactor
NT1 La Salle County-2 Reactor
NT1 LACBWR Reactor
NT1 Laguna Verde-1 Reactor
NT1 Leibstadt Reactor
NT1 Limerick-1 Reactor
NT1 Limerick-2 Reactor
NT1 Lingen Reactor
NT1 Mendocino-1 Reactor
NT1 Mendocino-2 Reactor
NT1 Millstone-1 Reactor
NT1 Montague-1 Reactor
NT1 Montague-2 Reactor
NT1 Monticello Reactor
NT1 Muehleberg Reactor
NT1 Newbold Island-1 Reactor
NT1 Newbold Island-2 Reactor
NT1 Nine Mile Point-1 Reactor
NT1 Nine Mile Point-2 Reactor
NT1 OKG-1 Reactor
NT1 OKG-2 Reactor
NT1 Olkiluoto Reactor
NT1 Onagawa-1 Reactor
NT1 Oyster Creek-1 Reactor
NT1 Pathfinder Reactor
NT1 Peach Bottom-2 Reactor
NT1 Peach Bottom-3 Reactor
NT1 Perry-1 Reactor
NT1 Perry-2 Reactor
NT1 Philippsburg-1 Reactor
NT1 Philippsburg-2 Reactor
NT1 Phipps Bend-1 Reactor
NT1 Phipps Bend-2 Reactor
NT1 Pilgrim-1 Reactor
NT1 Quad Cities-1 Reactor
NT1 Quad Cities-2 Reactor
NT1 Ringhals-1 Reactor
NT1 River Bend-1 Reactor
NT1 River Bend-2 Reactor
NT1 Rolphton NPD-2 Reactor
NT1 RWE-Bayernwerk Reactor
NT1 Shimane-1 Reactor
NT1 Shoreham Reactor
NT1 Skagit-1 Reactor
NT1 Skagit-2 Reactor
NT1 SL-1 Reactor
NT1 Susquehanna-1 Reactor
NT1 Susquehanna-2 Reactor
NT1 Tarapur-1 Reactor
NT1 Tarapur-2 Reactor
NT1 Tokai-2 Reactor
NT1 Tsuruga Reactor
NT1 Tullnerfeld Reactor
NT1 TVO-1 Reactor
NT1 TVO-2 Reactor
NT1 VAK Reactor
NT1 VBWR Reactor
NT1 Vermont Yankee Reactor
NT1 Verplanck-1 Reactor
NT1 Verplanck-2 Reactor
NT1 VK-50 Reactor
NT1 WNP-2 Reactor
NT2 Hanford-2 Reactor
NT1 Wuergassen Reactor
NT1 Zimmer-1 Reactor
NT1 Zimmer-2 Reactor
RT Braun Standard Turbine Island
RT Power Reactors

BWR/6 Type Reactors
DA February 1975
USE GE Standard Reactor

BY-PRODUCTS
DA January 1975
RT Chars
RT Economics
RT Industry
RT Recovery

BYELORUSSIAN SSR [01]
BT1 USSR

BT2 Europe

BYPASSES [01]
RT Coolant Loops
RT Reactor Cooling Systems

BYRON-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BYRON-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

BYU L-77 REACTOR [01]
UF *Brigham Young University Laboratory Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

C CODES [01]
BT1 Computer Codes

C F Braun Standard Turbine Island
DA July 1975
USE Braun Standard Turbine Island

C INVARIANCE [01]
UF *Charge Conjugation Invariance*
BT1 Invariance Principles
RT Electric Charges

C-Reactive Protein
USE Globulins
AND Immunity

C REGION
DA April 1976
BT1 Ionosphere
BT2 Earth Atmosphere
BT2 Planetary Ionospheres

C-2260 RESONANCES [01]
DA October 1978
BT1 Charmed Baryon Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Charm Particles
BT3 Postulated Particles
BT4 Elementary Particles

Cabbage
USE Brassica

CABIBBO ANGLE [01]
RT Current Algebra
RT Weak Interactions

CABLES
DA August 1976
UF *Tendons (Structural)*
NT1 Electric Cables
NT2 Coaxial Cables
NT2 Cryogenic Cables
NT2 Gas-Insulated Cables
NT2 Oil-Filled Cables
NT2 Superconducting Cables
RT Ropes

Cables (Electric)
USE Electric Cables

CABRI REACTOR [01]
UF *Cadarache Swimming Pool Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CABRIOLET EVENT [01]
BT1 Cratering Explosions
BT2 Explosions
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
BT1 Underground Explosions
BT2 Explosions

CACAO TREES [01]
BT1 Trees
BT2 Plants
RT Cocoa Products

CACODYLIC ACID [01]
BT1 Arsenic Compounds
BT1 Organic Acids
BT2 Organic Compounds

Cactaceal
DA February 1975
USE Cacti

CACTI
DA January 1975
UF *Cactaceal*
BT1 Plants

Cadarache (CEA)
USE CEA Cadarache

Cadarache Fuel Element Testing Reactor
USE Pegase Reactor

Cadarache Maquette Surgeneratic Reactor
USE Masurca Reactor

Cadarache Rapsodie Reactor
USE Rapsodie Reactor

Cadarache Reactor Marius
USE Marius Reactor

Cadarache Swimming Pool Reactor
USE Cabri Reactor

CADAVERINE [01]
UF *1,5-Diaminopentane*
UF *Pentamethylenediamine*
BT1 Amines
BT2 Organic Compounds

CADMIUM [01]
BT1 Metals
BT2 Elements

CADMIUM 98 [01]
DA April 1977
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 100 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 101 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 102 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 103 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 104 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 105 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes

BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 106 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 107 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 108 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 109 [01]
BT1 Cadmium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 110 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 111 [01]
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 112 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 113 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 114 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 115 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 116 [01]
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CADMIUM 117 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 118 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 119 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 120 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 121 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 122 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 123 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 124 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 125 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CADMIUM 126 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes

BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 127 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM 128 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CADMIUM ADDITIONS [01]
BT1 Cadmium Alloys
BT2 Alloys
NT1 Alloy-Vad23
NT1 Steel-42Kh2gsnm
NT1 Zamak

CADMIUM-AIR BATTERIES
DA March 1976
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

CADMIUM ALLOYS [01]
BT1 Alloys
NT1 Cadmium Additions
NT2 Alloy-Vad23
NT2 Steel-42Kh2gsnm
NT2 Zamak
NT1 Cadmium Base Alloys
NT1 Cerrobend Alloys
NT1 Wood Metal

CADMIUM ARSENIDES [01]
DA November 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Cadmium Compounds

CADMIUM BASE ALLOYS [01]
BT1 Cadmium Alloys
BT2 Alloys

CADMIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Cadmium Compounds

CADMIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Cadmium Halides
BT2 Cadmium Compounds
BT2 Halides
BT3 Halogen Compounds

CADMIUM CARBIDES
DA September 1976
BT1 Cadmium Compounds
BT1 Carbides
BT2 Carbon Compounds

CADMIUM CARBONATES [01]
BT1 Cadmium Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

CADMIUM CHLORIDES [01]
BT1 Cadmium Halides
BT2 Cadmium Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CADMIUM COMPLEXES [01]
BT1 Complexes

CADMIUM COMPOUNDS [01]
NT1 Cadmium Arsenides
NT1 Cadmium Borides
NT1 Cadmium Carbides
NT1 Cadmium Carbonates
NT1 Cadmium Halides
NT2 Cadmium Bromides
NT2 Cadmium Chlorides
NT2 Cadmium Fluorides
NT2 Cadmium Iodides
NT1 Cadmium Hydroxides
NT1 Cadmium Nitrates
NT1 Cadmium Oxides
NT1 Cadmium Perchlorates
NT1 Cadmium Phosphates
NT1 Cadmium Phosphides
NT1 Cadmium Selenides
NT1 Cadmium Silicates
NT1 Cadmium Stannates
NT1 Cadmium Sulfates
NT1 Cadmium Sulfides
NT1 Cadmium Tellurides
NT1 Cadmium Titanates
NT1 Cadmium Tungstates

CADMIUM FLUORIDES [01]
BT1 Cadmium Halides
BT2 Cadmium Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CADMIUM HALIDES
DA February 1975
BT1 Cadmium Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Cadmium Bromides
NT1 Cadmium Chlorides
NT1 Cadmium Fluorides
NT1 Cadmium Iodides

CADMIUM HYDROXIDES [01]
BT1 Cadmium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CADMIUM IODIDES [01]
BT1 Cadmium Halides
BT2 Cadmium Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CADMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CADMIUM ISOTOPES [01]
NT1 Cadmium 98
NT1 Cadmium 100
NT1 Cadmium 101
NT1 Cadmium 102
NT1 Cadmium 103
NT1 Cadmium 104
NT1 Cadmium 105
NT1 Cadmium 106
NT1 Cadmium 107
NT1 Cadmium 108
NT1 Cadmium 109
NT1 Cadmium 110
NT1 Cadmium 111
NT1 Cadmium 112
NT1 Cadmium 113
NT1 Cadmium 114
NT1 Cadmium 115
NT1 Cadmium 116
NT1 Cadmium 117
NT1 Cadmium 118
NT1 Cadmium 119
NT1 Cadmium 120
NT1 Cadmium 121
NT1 Cadmium 122
NT1 Cadmium 123
NT1 Cadmium 124
NT1 Cadmium 125
NT1 Cadmium 126
NT1 Cadmium 127
NT1 Cadmium 128

CADMIUM NITRATES [01]
BT1 Cadmium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CADMIUM OXIDES [01]
BT1 Cadmium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

CADMIUM PERCHLORATES [01]
DA January 1975
BT1 Cadmium Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

CADMIUM PHOSPHATES [01]
BT1 Cadmium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

CADMIUM PHOSPHIDES [01]
DA September 1975
BT1 Cadmium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

CADMIUM SELENIDE SOLAR CELLS
DA January 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

CADMIUM SELENIDES [01]
DA May 1975
BT1 Cadmium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

CADMIUM SILICATES [01]
BT1 Cadmium Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

CADMIUM STANNATES
DA February 1976

BT1 Cadmium Compounds
BT1 Stannates
BT2 Oxygen Compounds
BT2 Tin Compounds

CADMIUM SULFATES [01]
BT1 Cadmium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CADMIUM SULFIDE SOLAR CELLS
DA January 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

CADMIUM SULFIDES [01]
BT1 Cadmium Compounds
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CADMIUM 106 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 108 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 109 TARGET [01]
DA March 1979
BT1 Targets

CADMIUM 110 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 111 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 112 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 113 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 114 TARGET [01]
DA July 1976
BT1 Targets

CADMIUM 116 TARGET [01]
DA July 1976
BT1 Targets

Cadmium Telluride Detectors
USE CDTE Semiconductor Detectors

CADMIUM TELLURIDE SOLAR CELLS
DA January 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

CADMIUM TELLURIDES [01]
BT1 Cadmium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

CADMIUM TITANATES
DA November 1978
BT1 Cadmium Compounds
BT1 Titanates
BT2 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds

CADMIUM TUNGSTATES [01]
BT1 Cadmium Compounds
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Tungstates

CAES
DA September 1978
USE Compressed Air Energy Storage

CAES Plant
DA September 1978
USE Compressed Air Storage Power Plants

CAFB PROCESS
DA January 1975
UF *Chemically Active Fluidized Bed Process*
RT Desulfurization
RT Fluidized Bed
DEF Process consists of shallow fluidized bed of lime particles into which high-sulfur heavy fuel oil is injected.

CAFFEINE [01]
UF *1,3,7-Trimethylxanthine*
BT1 Drugs
BT1 Xanthines
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Purines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

CAKING
DA April 1975
RT Agglomeration
RT Briquetting
RT Caking Power
RT Compacting

CAKING POWER
DA April 1975
RT Caking

CALABASH EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

CALANDRIAS [01]
BT1 Containers
RT Pressure Tubes

CALCINATION [01]
BT1 Pyrolysis
BT2 Decomposition
BT3 Chemical Reactions
BT2 Thermochemical Processes
RT Pyrometallurgy
RT Waste Processing

CALCITE [01]
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds

CALCITONIN [01]
BT1 Peptide Hormones
BT2 Hormones
BT1 Polypeptides
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds
RT Calcium
RT Parathyroid Glands
RT Thymus
RT Thyroid

CALCIUM [01]
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements
RT Blood Coagulation Factors
RT Bone Tissues
RT Calcitonin
RT Parathormone
RT Teeth
RT Thyrocalcitonin

CALCIUM 35 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CALCIUM 36 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CALCIUM 37 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CALCIUM 38 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALCIUM 39 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALCIUM 40 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 41 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes

CALCIUM 42 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 43 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 44 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 45 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CALCIUM 46 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 47 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CALCIUM 48 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CALCIUM 49 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALCIUM 50 [01]
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CALCIUM 52
DA May 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Calcium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CALCIUM ADDITIONS [01]
BT1 Calcium Alloys
BT2 Alloys

CALCIUM ALLOYS [01]
BT1 Alloys
NT1 Calcium Additions
NT1 Calcium Base Alloys

CALCIUM BASE ALLOYS [01]
BT1 Calcium Alloys
BT2 Alloys

CALCIUM 40 BEAMS [01]
DA November 1976
BT1 Ion Beams
BT2 Beams

CALCIUM 48 BEAMS [01]
DA June 1977
BT1 Ion Beams
BT2 Beams

CALCIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds

CALCIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Calcium Halides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Halides
BT3 Halogen Compounds

CALCIUM CARBIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbides
BT2 Carbon Compounds

CALCIUM CARBONATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
NT1 Ankerite
NT1 Aragonite
NT1 Calcite
NT1 Liebigite
NT1 Schroeckingerite
NT1 Shortite
NT1 Travertine
RT Dolomite
RT Limestone
RT Marble
RT Marlstone
RT Phosphate Rocks

CALCIUM CHLORIDES [01]
BT1 Calcium Halides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CALCIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

CALCIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Calcium Borides
NT1 Calcium Carbides
NT1 Calcium Carbonates
NT2 Ankerite
NT2 Aragonite
NT2 Calcite
NT2 Liebigite
NT2 Schroeckingerite
NT2 Shortite
NT2 Travertine
NT1 Calcium Halides
NT2 Calcium Bromides
NT2 Calcium Chlorides
NT2 Calcium Fluorides
NT3 Fluorite
NT2 Calcium Iodides
NT1 Calcium Hydrides
NT1 Calcium Hydroxides
NT1 Calcium Nitrates
NT1 Calcium Nitrides
NT1 Calcium Oxides
NT2 Becquerelite
NT2 Ellsworthite
NT2 Melanovanadite
NT2 Pascoite
NT2 Perovskite
NT2 Rauvite
NT2 Tyuyamunite
NT2 Zeunerite
NT1 Calcium Perchlorates
NT1 Calcium Phosphates
NT1 Calcium Silicates
NT2 Andradite
NT2 Epidotes
NT2 Eudialyte
NT2 Ilvaite
NT2 Kainosite
NT2 Lavenite
NT2 Ranquilite
NT2 Uranotile
NT1 Calcium Silicides
NT1 Calcium Sulfates
NT2 Anhydrite
NT2 Gypsum
NT1 Calcium Sulfides
NT1 Calcium Tungstates

CALCIUM FLUORIDES [01]
BT1 Calcium Halides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds

BT2 Halides
BT3 Halogen Compounds
NT1 Fluorite
RT Thermoluminescent Dosemeters

CALCIUM HALIDES
DA April 1975
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Calcium Bromides
NT1 Calcium Chlorides
NT1 Calcium Fluorides
NT2 Fluorite
NT1 Calcium Iodides

CALCIUM HYDRIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

CALCIUM HYDROXIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CALCIUM IODIDES [01]
BT1 Calcium Halides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CALCIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CALCIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Calcium 35
NT1 Calcium 36
NT1 Calcium 37
NT1 Calcium 38
NT1 Calcium 39
NT1 Calcium 40
NT1 Calcium 41
NT1 Calcium 42
NT1 Calcium 43
NT1 Calcium 44
NT1 Calcium 45
NT1 Calcium 46
NT1 Calcium 47
NT1 Calcium 48
NT1 Calcium 49
NT1 Calcium 50
NT1 Calcium 52
RT Bone Seekers

CALCIUM NITRATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CALCIUM NITRIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CALCIUM OXIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Becquerelite
NT1 Ellsworthite
NT1 Melanovanadite
NT1 Pascoite
NT1 Perovskite
NT1 Rauvite
NT1 Tyuyamunite
NT1 Zeunerite

CALCIUM PERCHLORATES
DA January 1975
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

CALCIUM PHOSPHATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
RT Phosphate Rocks

CALCIUM 40 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CALCIUM 44 REACTIONS [01]
DA November 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CALCIUM 48 REACTIONS [01]
DA December 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CALCIUM SILICATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Andradite
NT1 Epidotes
NT1 Eudialyte
NT1 Ilvaite
NT1 Kainosite
NT1 Lavenite
NT1 Ranquilite
NT1 Uranotile

CALCIUM SILICIDES
DA June 1976
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

CALCIUM SULFATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Anhydrite
NT1 Gypsum
RT Thermoluminescent Dosemeters

CALCIUM SULFIDES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CALCIUM 40 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 41 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 42 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 43 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 44 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 46 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM 48 TARGET [01]
DA July 1976
BT1 Targets

CALCIUM TUNGSTATES [01]
BT1 Calcium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Tungstates

CALCRETES
DA June 1978
BT1 Conglomerates
BT2 Rocks
BT1 Sedimentary Rocks
BT2 Rocks
DEF Conglomerate consisting of surficial sand and gravel cemented in a hard mass by calcium carbonate. Important host rock for uranium deposits in some parts of the world.

CALCULATION METHODS
DA November 1975
RT Measuring Methods
RT Numerical Solution
RT Sensitivity Analysis

Calculations (1-Dimensional)
USE One-Dimensional Calculations

Calculations (2-Dimensional)
USE Two-Dimensional Calculations

Calculations (3-Dimensional)
USE Three-Dimensional Calculations

Calculations (4-Dimensional)
USE Four-Dimensional Calculations

Calculations (Computer)
USE Computer Calculations

Calculations (Many Dimensions)
USE Many-Dimensional Calculations

CALCULATORS
DA November 1978
UF *Pocket Calculators*
RT Computers
RT Data Processing

CALCULI [01]
(In biology and medicine only; to be assigned in coordination with descriptors specifying their location such as URINARY TRACT, PANCREAS, etc.)
UF+ *Gallstones*
UF+ *Kidney Stones*

Calculus (Differential)
USE Differential Calculus

CALDASITE [01]
BT1 Rocks
RT Baddeleyite
RT Zircon

CALDER HALL A-1 REACTOR [01]
UF *A-1 Reactor (Calder Hall)*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors

BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALDER HALL A-2 REACTOR [01]
UF *A-2 Reactor (Calder Hall)*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALDER HALL B-3 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALDER HALL B-4 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALDERAS
DA August 1976
RT Volcanoes
DEF Large, basin-shaped volcanic depressions, more or less circular in form, the diameter of which is many times greater than that of the included vent or vents.

CALENDARS
DA November 1975
RT Time Measurement

CALHOUN-1 REACTOR [01]
UF *Fort Calhoun-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CALHOUN-2 REACTOR [01]
DA November 1975
UF *Fort Calhoun-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALIBRATION [01]
RT Absolute Counting
RT Accuracy
RT Calibration Standards
RT Inspection
RT Scaling Laws

CALIBRATION STANDARDS [01]
BT1 Standards
RT Accuracy
RT Calibration
RT Nisus Facility

CALIFORNIA [01]
BT1 USA
BT2 North America
BT1 Western Region
NT1 Coso Hot Springs
NT1 Imperial Valley
NT2 Salton Sea
NT1 Long Valley
NT1 Los Angeles
RT Atomics International Canoga Park Plant
RT Geysers Geothermal Field
RT Great Basin
RT Heber Geothermal Field
RT Humboldt Bay
RT Lawrence Berkeley Laboratory
RT Lawrence Livermore Laboratory
RT Salton Sea Geothermal Field
RT San Bernardino Mountains
RT San Francisco Bay
RT Santa Barbara Channel
RT UCLA

California University AGN-201 Reactor
USE AGN-201M-112 Reactor

CALIFORNIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

CALIFORNIUM 242 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CALIFORNIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei

CALIFORNIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CALIFORNIUM 249 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei

BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 251 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 253 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei

CALIFORNIUM 254 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CALIFORNIUM 255 [01]
DA November 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CALIFORNIUM 256 [01]
DA December 1977
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Californium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CALIFORNIUM ADDITIONS
DA January 1975
BT1 Alloys

CALIFORNIUM ALLOYS [01]
DA October 1978
BT1 Alloys

CALIFORNIUM ARSENIDES [01]
DA October 1978
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CALIFORNIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CALIFORNIUM CARBIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Carbides
BT2 Carbon Compounds

CALIFORNIUM CHLORIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CALIFORNIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

CALIFORNIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Californium Arsenides
NT1 Californium Bromides
NT1 Californium Carbides
NT1 Californium Chlorides
NT1 Californium Fluorides
NT1 Californium Iodides
NT1 Californium Nitrates
NT1 Californium Nitrides
NT1 Californium Oxides
NT1 Californium Selenides
NT1 Californium Sulfates
NT1 Californium Sulfides
NT1 Californium Tellurides

CALIFORNIUM FLUORIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CALIFORNIUM IODIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CALIFORNIUM IONS [01]
DA January 1975
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CALIFORNIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Californium 242
NT1 Californium 243
NT1 Californium 244
NT1 Californium 245
NT1 Californium 246
NT1 Californium 247
NT1 Californium 248
NT1 Californium 249
NT1 Californium 250
NT1 Californium 251
NT1 Californium 252
NT1 Californium 253
NT1 Californium 254
NT1 Californium 255
NT1 Californium 256

CALIFORNIUM NITRATES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CALIFORNIUM NITRIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CALIFORNIUM OXIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

CALIFORNIUM SELENIDES [01]
DA October 1978
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

CALIFORNIUM SULFATES [01]
DA May 1975
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CALIFORNIUM SULFIDES [01]
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CALIFORNIUM 244 TARGET
DA September 1978
BT1 Targets

CALIFORNIUM 249 TARGET [01]
DA July 1976

BT1 Targets

CALIFORNIUM 250 TARGET [01]
DA August 1977
BT1 Targets

CALIFORNIUM 251 TARGET [01]
DA July 1976
BT1 Targets

CALIFORNIUM 252 TARGET [01]
DA July 1976
BT1 Targets

CALIFORNIUM 254 TARGET [01]
DA July 1978
BT1 Targets

CALIFORNIUM TELLURIDES [01]
DA October 1978
BT1 Californium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

CALIPER LOGGING
DA August 1976
BT1 Well Logging

CALLAWAY-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALLAWAY-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CALORIFIC VALUE
DA January 1976
BT1 Combustion Properties
RT Combustion
RT Fuels
DEF Quantity of heat liberated on the complete combustion of a unit weight or unit volume of fuel.

CALORIMETERS [01]
BT1 Measuring Instruments
RT Calorimetric Dosemeters
RT Calorimetry
RT Temperature Measurement

Calorimeters (Particle)
DA March 1979
USE Shower Counters

CALORIMETRIC DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
RT Calorimeters
RT Thermocouples

CALORIMETRY [01]
RT Calorimeters
RT Heat Transfer
RT Temperature Measurement

Calorizing
USE Diffusion Coating

CALTECH SYNCHROTRON [01]
UF *CIT Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CALVERT CLIFFS-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CALVERT CLIFFS-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CALVES [01]
BT1 Cattle
BT2 Domestic Animals
BT3 Animals
BT2 Ruminants
BT3 Mammals
BT4 Vertebrates
BT5 Animals

CAMAC SYSTEM [01]
(Computer Application to Measurement And Control.)
RT Computers
RT Data Acquisition Systems
RT Data Transmission
RT Electronic Equipment
RT Equipment Interfaces
RT Nuclear Instrument Modules
RT On-Line Control Systems
RT Specifications

Cambium
USE Meristems

CAMBODIA [01]
BT1 Asia

CAMBRIAN PERIOD
DA October 1977
BT1 Paleozoic Era
BT2 Geologic Ages

CAMBRIDGE ELECTRON ACCELERATOR [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CAMERA TUBES [01]
BT1 Image Tubes
NT1 Iconoscopes
NT1 Orthicons
NT1 Vidicons
RT Television

CAMERAS [01]
NT1 Gamma Cameras
NT2 Positron Cameras
NT1 Neutron Cameras
NT1 Television Cameras
RT Photography
RT Radioisotope Scanning
RT Television

CAMEROON [01]
BT1 Africa

CAMP
USE AMP

Camp Century Medium Power Plant 2A
USE PM-2A Reactor

CAMPBELLING CIRCUITS [01]
DA January 1975
BT1 Electronic Circuits
RT Ionization Chambers
DEF Circuit based on Campbell'$\mu\ \Delta_{73}\Omega\ \mu\nu\Sigma_3\omega_7\ \pi=_7\Lambda\omega_7\Delta\ _8\Lambda\omega\ _7\Xi_3\gamma\Sigma_3\pi^+\Omega_9\pi=_7\ \mu^+{}_9\Omega_3\gamma\ _8\omega\Lambda\Delta\ _3\Omega\ ^+\Lambda\Omega^+\bullet_3\pi^+\Lambda\Omega\ _5=_3\Delta_{47}\omega\rightleftharpoons$

CAMPHENE [01]
BT1 Cycloalkenes
BT2 Alkenes
BT3 Hydrocarbons
BT4 Organic Compounds
BT1 Terpenes
BT2 Organic Compounds

CAMPHOR [01]
BT1 Ketones
BT2 Organic Compounds
BT1 Terpenes
BT2 Organic Compounds
RT Celluloid

CANADA [01]
BT1 North America
NT1 Alberta
NT2 Beaverlodge
NT1 British Columbia
NT1 Manitoba
NT1 New Brunswick
NT1 Newfoundland
NT1 Northwest Territories
NT2 Port Radium
NT1 Nova Scotia
NT1 Ontario
NT2 Chalk River
NT2 Deep River
NT1 Quebec
NT1 Saskatchewan
NT1 Yukon Territory
RT AECL
RT Athabasca Deposit
RT Bay of Fundy
RT Beaverlodge Mine
RT Chalk River Nuclear Labs
RT Cold Lake Deposit
RT Fraser River
RT Lake Wabamun
RT Nelson River
RT Peace River Deposit
RT Polar Gas Project
RT Rocky Mountains
RT Saint Clair River
RT Saint John River
RT Wabasca Deposit

Canada-India Reactor
USE Cirus Reactor

Canada NRX Research Reactor
USE NRX Reactor

CANADIAN AECB [01]
(Canadian Atomic Energy Control Board.)
DA June 1977
BT1 Canadian Organizations

Canadian NRU Reactor
USE NRU Reactor

CANADIAN ORGANIZATIONS [01]
DA February 1975
NT1 AECL
NT1 Canadian AECB
NT1 WNRE

Canals (Waterways)
USE Inland Waterways

CANARY ISLANDS
DA April 1975
BT1 Spain
BT2 Europe

Canberra Tokamak
DA May 1976
USE LT-3 Tokamak

Cancer
USE Neoplasms

CANDIDA [01]
UF *Monilia*

BT1 Yeasts
BT2 Fungi
BT3 Plants
BT2 Microorganisms

Candu Reactor
(This was a valid descriptor prior to 1976.)
DA December 1975
USE Douglas Point Ontario Reactor

CANDU TYPE REACTORS [01]
DA October 1975
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Pressure Tube Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
NT1 Bruce-1 Reactor
NT1 Bruce-2 Reactor
NT1 Bruce-3 Reactor
NT1 Bruce-4 Reactor
NT1 Bruce-5 Reactor
NT1 Bruce-6 Reactor
NT1 Bruce-7 Reactor
NT1 Bruce-8 Reactor
NT1 Cordoba Reactor
NT1 Darlington-1 Reactor
NT1 Darlington-2 Reactor
NT1 Darlington-3 Reactor
NT1 Darlington-4 Reactor
NT1 Douglas Point Ontario Reactor
NT1 Gentilly-2 Reactor
NT1 KANUPP Reactor
NT1 NPD Reactor
NT1 Pickering-1 Reactor
NT1 Pickering-2 Reactor
NT1 Pickering-3 Reactor
NT1 Pickering-4 Reactor
NT1 Pickering-5 Reactor
NT1 Pickering-6 Reactor
NT1 Pickering-7 Reactor
NT1 Pickering-8 Reactor
NT1 Point Lepreau-1 Reactor
NT1 Rajasthan-1 Reactor
NT1 Rajasthan-2 Reactor
NT1 Wolsung-1 Reactor

CANNEL COAL
DA January 1975
BT1 Sapropelic Coal
BT2 Coal
BT3 Carbonaceous Materials
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels

CANNIKIN EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

CANNING [01]
UF *Sheathing*
BT1 Materials Working
BT2 Fabrication
RT Cladding
RT Fuel Cans

CANONICAL DIMENSION [01]
DA April 1975
BT1 Scale Dimension
RT Commutation Relations
DEF Scale dimension of quantum fields obeying canonical equal-time commutation relations.

Canonical Equations
USE Differential Equations

Canonical Quantum Field Theory
DA May 1979
USE Lagrangian Field Theory

CANONICAL TRANSFORMATIONS [01]
NT1 Bogolyubov Transformation
NT1 Foldy-Wouthuysen Transform
RT Equations of Motion
RT Mathematics
RT Mechanics
RT Quantum Mechanics

Caorso Reactor
DA April 1975
USE ENEL-4 Reactor

CAP ROCK
DA January 1975
BT1 Rocks

CAPACITIVE ENERGY STORAGE EQUIPMENT
DA February 1979
BT1 Equipment
RT Capacitors
RT Energy Storage
RT Energy Storage Systems
RT Peaking Power Plants

CAPACITORS [01]
UF *Condensers (Electric)*
UF *Electric Condensers*
BT1 Electrical Equipment
BT2 Equipment
RT Capacitive Energy Storage Equipment
RT Dielectric Materials
RT Electrostatics
RT Energy Storage
RT Power Supplies

CAPACITRONS [01]
BT1 Rectifier Tubes
BT2 Electron Tubes
BT2 Rectifiers
BT3 Electrical Equipment
BT4 Equipment

CAPACITY
DA June 1977
UF *Generating Capacity*
UF *Production Capacity*
UF *Reserve Capacity*
RT Load Management
RT Outages
RT Power Generation
RT Production
DEF Total supply capability in production operations, including reserves necessary to satisfy peak demands.

CAPE FEAR RIVER [01]
DA April 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT North Carolina

CAPE KENNEDY [01]
BT1 Florida
BT2 Southeast Region
BT2 USA
BT3 North America

CAPILLARIES [01]
BT1 Blood Vessels
BT2 Cardiovascular System
RT Glomeruli
RT Histamine
RT Respiration
RT Tissues
RT Vasoconstriction
RT Vasodilation

CAPILLARY FLOW [01]
BT1 Fluid Flow
RT Heat Pipe Wicks
RT Heat Pipes

CAPITAL [01]
RT Cost
RT Economics
RT Financing
RT Investment

Capric Acid
USE Decanoic Acid

Caproic Acid
USE Hexanoic Acid

Caprylic Acid
USE Octanoic Acid

CAPSICUM [01]
BT1 Plants
RT Peppers
RT Spices

CAPSULES [01]
BT1 Containers
RT Encapsulation

Capsules (Irradiation)
USE Irradiation Capsules

CAPTURE [01]
UF *Radiative Capture*
UF+ *Neutron Capture*
NT1 Electron Capture
RT Capture-to-Fission Ratio
RT Electron Capture Decay
RT Interactions
RT Nuclear Reactions
RT R Process
RT Stein Theory
RT Valency Model

CAPTURE-TO-FISSION RATIO [01]
UF *Neutron Capture-to-Fission Ratio*
RT Capture
RT Fission Ratio
RT Interactions
RT Nuclear Reactions

Carassius
USE Goldfish

Caraway
USE Ranunculaceae

CARBAMATES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Carboxylic Acid Salts
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 DEDTC
NT1 Urethane
RT Carbamic Acid Esters

CARBAMIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Carbamates

Carbamide
USE Urea

CARBAZIDES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds

CARBAZOLES [01]
UF *Dibenzopyrroles*
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Pyrroles

CARBAZONES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Diphenylcarbazones
NT1 Dithizone

CARBENES
DA March 1978
BT1 Radicals
RT Reaction Intermediates
DEF An organic radical containing devalent carbon as CH_2, CHOH, CHF, etc.

CARBIDES [01]
BT1 Carbon Compounds
NT1 Aluminium Carbides
NT1 Americium Carbides
NT1 Barium Carbides
NT1 Berkelium Carbides
NT1 Beryllium Carbides
NT1 Boron Carbides
NT1 Cadmium Carbides
NT1 Calcium Carbides
NT1 Californium Carbides
NT1 Cerium Carbides
NT1 Cesium Carbides
NT1 Chromium Carbides
NT1 Cobalt Carbides
NT1 Copper Carbides
NT1 Curium Carbides
NT1 Dysprosium Carbides
NT1 Einsteinium Carbides
NT1 Erbium Carbides
NT1 Europium Carbides
NT1 Fermium Carbides
NT1 Gadolinium Carbides
NT1 Gallium Carbides
NT1 Germanium Carbides
NT1 Hafnium Carbides
NT1 Helium Carbides
NT1 Holmium Carbides
NT1 Indium Carbides
NT1 Iridium Carbides
NT1 Iron Carbides
NT2 Cast Iron
NT2 Cementite
NT2 Ni-Hard
NT1 Lanthanum Carbides
NT1 Lead Carbides
NT1 Lithium Carbides
NT1 Lutetium Carbides
NT1 Magnesium Carbides
NT1 Manganese Carbides
NT1 Mendelevium Carbides
NT1 Molybdenum Carbides
NT1 Neodymium Carbides
NT1 Neptunium Carbides
NT1 Nickel Carbides
NT1 Niobium Carbides
NT1 Nitrogen Carbides
NT1 Nobelium Carbides
NT1 Osmium Carbides
NT1 Palladium Carbides
NT1 Platinum Carbides
NT1 Plutonium Carbides
NT1 Potassium Carbides
NT1 Praseodymium Carbides
NT1 Protactinium Carbides
NT1 Rhenium Carbides
NT1 Rhodium Carbides
NT1 Rubidium Carbides
NT1 Ruthenium Carbides
NT1 Samarium Carbides
NT1 Scandium Carbides
NT1 Selenium Carbides
NT1 Silicon Carbides
NT1 Sodium Carbides
NT1 Strontium Carbides
NT1 Tantalum Carbides
NT1 Technetium Carbides
NT1 Tellurium Carbides
NT1 Terbium Carbides
NT1 Thallium Carbides
NT1 Thorium Carbides
NT1 Thulium Carbides
NT1 Tin Carbides
NT1 Titanium Carbides
NT1 Tungsten Carbides
NT1 Uranium Carbides
NT1 Vanadium Carbides
NT1 Ytterbium Carbides
NT1 Yttrium Carbides
NT1 Zinc Carbides
NT1 Zirconium Carbides
RT Carbonitrides
RT Oxycarbides

Carbinol
USE Methanol

CARBITOLS [01]
UF *Diglycol Monoalkyl Ethers*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Organic Solvents
BT2 Solvents

CARBOHYDRATES [01]
BT1 Organic Compounds
NT1 Glycosides
NT2 Digitalis Glycosides
NT3 Digitoxin
NT3 Digoxin
NT2 Hesperidin
NT2 Phlorizin
NT2 Saponins
NT2 Strophantin
NT3 Ouabain
NT2 UDPG
NT1 Saccharides
NT2 Gangliosides
NT2 Glucoproteins
NT3 Ovalbumin
NT2 Glycolipids
NT3 Cerebrosides
NT2 Molasses
NT2 Monosaccharides
NT3 Erythritol
NT3 Hexoses
NT4 Cycasin
NT4 Fructose
NT4 Galactose
NT4 Glucose
NT4 Hexosamines
NT5 Glucosamine
NT4 Mannose
NT4 Sorbose
NT3 Inositols
NT4 Inositol
NT3 Pentoses
NT4 Arabinose
NT4 Deoxyribose
NT4 Ribose
NT4 Ribulose
NT4 Xylose
NT3 Sedoheptulose
NT3 Sorbitol
NT2 Oligosaccharides
NT3 Disaccharides
NT4 Cellobiose
NT4 Lactose
NT4 Maltose
NT4 Melibiose
NT4 Saccharose
NT3 Raffinose
NT2 Polysaccharides
NT3 Agar
NT3 Alginic Acid
NT3 Cellophane
NT3 Cellulose
NT3 Dextran
NT3 Dextrin
NT3 Glycogen
NT3 Gum Acacia
NT3 Hemicellulose
NT4 Xylans
NT3 Inulin
NT3 Lignin
NT3 Lipopolysaccharides
NT3 Mucopolysaccharides
NT4 Chitin
NT4 Chondroitin
NT4 Heparin
NT4 Hyaluronic Acid
NT3 Mucoproteins
NT4 Haptoglobins
NT4 Intrinsic Factor
NT4 Phytohemagglutinin
NT3 Nitrocellulose
NT3 Pectins
NT3 Rayon
NT3 Sialic Acid
NT3 Starch
NT3 Viscose
RT Food
RT Glycolysis

CARBOLOY [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

CARBON [01]
BT1 Nonmetals
BT2 Elements
NT1 Activated Carbon
NT1 Carbon Black
NT1 Diamonds
NT1 Graphite
NT1 Pyrolytic Carbon
RT Carbon Fibers
RT Carbon Meters

CARBON 8 [01]
DA May 1975
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 9 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 10 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CARBON 11 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CARBON 12 [01]
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Carbon 12 Beams

CARBON 13 [01]
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Carbon 13 Beams

CARBON 14 [01]
UF+ *Radiocarbon Dating*

BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Carbon 14 Beams
RT Carbon 14 Compounds
RT Carbon 14 Reactions
RT Isotope Dating

CARBON 15 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CARBON 16 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CARBON 17 [01]
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 18 [01]
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 19 [01]
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 20 [01]
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON 22 [01]
DA March 1979
BT1 Carbon Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei

CARBON ADDITIONS [01]
BT1 Alloys
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-Ehp-496
NT1 Alloy-Ehp-567
NT1 Alloy-HS-21
NT1 Alloy-HS-25
NT1 Alloy-HS-31
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-Khn60b
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-KH20N80T
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-N-155
NT1 Alloy-N-9M
NT1 Alloy-N-10M
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-N28t3
NT1 Alloy-S-816
NT1 Alloy-TA-10V
NT1 Alloy-TZC
NT1 Alloy-V-36
NT1 Alloy-VM-1
NT1 Alloy-VN-3
NT1 Alloy-Vt1-0
NT1 Alloy-Vus-6
NT1 Alloy-Zm-2A
NT1 Ascoloy
NT1 Astroloy
NT1 Austenite
NT1 Discaloy
NT1 Duriron
NT1 Ferrite
NT1 HAVAR
NT1 Martensite
NT1 Nimonic 90
NT1 Nimonic PE16
NT1 Rene 41
NT1 Rene 95
NT1 Vikalloy 1

CARBON 12 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Carbon 12

CARBON 13 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Carbon 13

CARBON 14 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Carbon 14

CARBON BLACK [01]
BT1 Carbon
BT2 Nonmetals
BT3 Elements

CARBON BURNING [01]
(Astrophysical processes only.)
DA October 1978
BT1 Star Burning
RT Nucleosynthesis
RT Star Evolution
RT Star Models
RT Stars

CARBON COMPLEXES [01]
BT1 Complexes

CARBON COMPOUNDS [01]
*NT1 Carbides
NT1 Carbon Fluorides
NT1 Carbon Nitrides
NT1 Carbon Oxides
NT2 Carbon Dioxide
NT2 Carbon Monoxide
NT1 Carbon Oxysulfide
NT1 Carbon Sulfides
*NT1 Carbonates
NT1 Carboranes
NT1 Oxycarbides
RT Soot

CARBON 14 COMPOUNDS [01]
BT1 Labelled Compounds
RT Biochemistry
RT Carbon 14
RT Labelling

CARBON CYCLE
DA March 1979
RT Ecological Concentration
RT Ecosystems
RT Mineral Cycling

CARBON DIOXIDE [01]
BT1 Carbon Oxides
BT2 Carbon Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
RT Inert Atmosphere

CARBON DIOXIDE ACCEPTOR PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 SNG Processes
RT High BTU Gas
DEF Consolidation Coal Company process for producing high-Btu gas by catalytic methanation of synthesis gas. Heat for the reaction of coal and steam is supplied by reacting the carbon dioxide formed with calcined dolomite.

CARBON DIOXIDE COOLED REACTORS [01]
DA May 1975
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 Berkeley Reactor
NT1 Bohunice A-1 Reactor
NT1 Bradwell Reactor
NT1 Bugey-1 Reactor
NT1 Calder Hall A-1 Reactor
NT1 Calder Hall A-2 Reactor
NT1 Calder Hall B-3 Reactor
NT1 Calder Hall B-4 Reactor
NT1 Cesar Reactor
NT1 Chapelcross-1 Reactor
NT1 Chapelcross-2 Reactor
NT1 Chapelcross-3 Reactor
NT1 Chapelcross-4 Reactor
NT1 Chinon-1 Reactor
NT1 Chinon-2 Reactor
NT1 Chinon-3 Reactor
NT1 Connah Quay-B Reactor
NT1 Dungeness-A Reactor
NT1 Dungeness-B Reactor
NT1 EL-2 Reactor
NT1 EL-4 Reactor
NT1 G-2 Reactor
NT1 G-3 Reactor
NT1 Hartlepool Reactor
NT1 Hector Reactor
NT1 Hero Reactor
NT1 Heysham-A Reactor
NT1 Heysham-B Reactor
NT1 Hinkley Point-A Reactor
NT1 Hinkley Point-B Reactor
NT1 Hunterston-A Reactor
NT1 Hunterston-B Reactor
NT1 Latina Reactor
NT1 Lucens Reactor
NT1 Niederaichbach Reactor
NT1 Oldbury-A Reactor
NT1 Oldbury-B Reactor
NT1 Saint Laurent-1 Reactor
NT1 Saint Laurent-2 Reactor
NT1 Sizewell-A Reactor
NT1 Sizewell-B Reactor
NT1 Tokai-Mura Reactor
NT1 Trawsfynydd Reactor
NT1 Vandellos Reactor
NT1 WAGR Reactor
NT1 Wylfa Reactor
RT AGR Type Reactors
RT GCR Type Reactors
RT Magnox Type Reactors

CARBON DIOXIDE INJECTION
DA August 1978
UF *CO2 Flooding*
BT1 Miscible-Phase Displacement
BT2 Enhanced Recovery

BT2 Fluid Injection
RT Oil Wells
RT Well Stimulation

CARBON DIOXIDE LASERS [01]
BT1 Gas Lasers
BT2 Lasers
RT Antares Facility
RT Helios Facility

CARBON FIBERS
DA November 1975
UF *Graphite Fibers*
BT1 Fibers
RT Carbon
RT Graphite

CARBON FLUORIDES [01]
BT1 Carbon Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CARBON IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CARBON ISOTOPES [01]
NT1 Carbon 8
NT1 Carbon 9
NT1 Carbon 10
NT1 Carbon 11
NT1 Carbon 12
NT1 Carbon 13
NT1 Carbon 14
NT1 Carbon 15
NT1 Carbon 16
NT1 Carbon 17
NT1 Carbon 18
NT1 Carbon 19
NT1 Carbon 20
NT1 Carbon 22

CARBON METERS [01]
DA August 1977
BT1 Measuring Instruments
RT Carbon
RT Chemical Analysis

CARBON MONOXIDE [01]
BT1 Carbon Oxides
BT2 Carbon Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
RT Bosch Process
RT Carbonyls
RT Carboxyhemoglobin

CARBON MONOXIDE LASERS [01]
DA January 1975
BT1 Gas Lasers
BT2 Lasers
RT Laser Radiation

CARBON NITRIDES [01]
BT1 Carbon Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

Carbon-Nitrogen-Oxygen Cycle
DA October 1978
USE CNO Cycle

Carbon Oxide Sulfide
DA September 1975
USE Carbon Oxysulfide

CARBON OXIDES [01]
BT1 Carbon Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Carbon Dioxide
NT1 Carbon Monoxide

Carbon Oxychloride
USE Phosgene

CARBON OXYSULFIDE
DA September 1975
UF *Carbon Oxide Sulfide*
UF *Carbonyl Sulfide*
BT1 Carbon Compounds
BT1 Sulfur Compounds
RT Carbonic Acid Derivatives

CARBON 12 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CARBON 13 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CARBON 14 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Carbon 14

CARBON STARS [01]
BT1 Main Sequence Stars
BT2 Stars

CARBON STEELS [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
NT1 Steel-ASTM-A106
NT1 Steel-ASTM-A533-B
NT1 Steel-08G2sfb
NT1 Steel-In-787
NT1 Steel-SAE-1006
NT1 Steel-SAE-1045

CARBON SULFIDES [01]
UF *Sulfur Carbides*
BT1 Carbon Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CARBON 11 TARGET
DA July 1979
BT1 Targets

CARBON 12 TARGET [01]
DA July 1976
BT1 Targets

CARBON 13 TARGET [01]
DA July 1976
BT1 Targets

CARBON 14 TARGET [01]
DA July 1976
BT1 Targets

CARBON 16 TARGET
DA May 1977
BT1 Targets

CARBON TETRACHLORIDE
DA February 1975
UF *Tetrachloromethane*
BT1 Chlorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

CARBON TETRAFLUORIDE
DA August 1976
UF *Tetrafluoromethane*
BT1 Fluorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

CARBONACEOUS MATERIALS
DA January 1975
NT1 Bituminous Materials
NT2 Oil Sands
NT2 Oil Shales
NT3 Black Shales
NT3 3-Methylcholanthrene
NT1 Coal
NT2 Black Coal
NT3 Anthracite
NT3 Bituminous Coal
NT2 Brown Coal
NT3 Lignite
NT2 Sapropelic Coal
NT3 Boghead Coal
NT4 Torbanite
NT3 Cannel Coal
NT2 Subbituminous Coal
DEF Material rich in carbon.

CARBONATE ROCKS
DA August 1976
BT1 Reservoir Rock
BT2 Rocks
NT1 Dolomite
NT1 Limestone
DEF Rocks composed principally of carbonates, especially if at least 50% by weight; one type of petroleum or natural gas trap.

CARBONATES [01]
BT1 Carbon Compounds
BT1 Oxygen Compounds
NT1 Americium Carbonates
NT1 Ammonium Carbonates
NT1 Barium Carbonates
NT1 Berkelium Carbonates
NT1 Beryllium Carbonates
NT1 Bismuth Carbonates
NT1 Cadmium Carbonates
NT1 Calcium Carbonates
NT2 Ankerite
NT2 Aragonite
NT2 Calcite
NT2 Liebigite
NT2 Schroeckingerite
NT2 Shortite
NT2 Travertine
NT1 Cerium Carbonates
NT2 Cordylite
NT1 Cesium Carbonates
NT1 Cobalt Carbonates
NT1 Copper Carbonates
NT1 Curium Carbonates
NT1 Dawsonite
NT1 Erbium Carbonates
NT1 Europium Carbonates
NT1 Gadolinium Carbonates
NT1 Iron Carbonates
NT2 Ankerite
NT2 Ferroan
NT2 Siderite
NT1 Lanthanum Carbonates
NT2 Cordylite
NT1 Lead Carbonates
NT1 Lithium Carbonates
NT1 Magnesium Carbonates
NT2 Ankerite
NT2 Bayleyite
NT2 Dolomite
NT2 Ferroan
NT1 Manganese Carbonates
NT2 Ankerite
NT1 Molybdenum Carbonates
NT1 Nahcolite
NT1 Neodymium Carbonates
NT1 Neptunium Carbonates
NT1 Nickel Carbonates
NT1 Plutonium Carbonates
NT1 Polycarbonates
NT1 Potassium Carbonates
NT1 Praseodymium Carbonates
NT1 Radium Carbonates
NT1 Rhenium Carbonates
NT1 Rubidium Carbonates
NT1 Samarium Carbonates

NT1 Silver Carbonates
NT1 Sodium Carbonates
NT2 Shortite
NT2 Trona
NT1 Strontium Carbonates
NT1 Terbium Carbonates
NT1 Thallium Carbonates
NT1 Thorium Carbonates
NT1 Uranium Carbonates
NT2 Bayleyite
NT2 Diderichite
NT2 Liebigite
NT2 Rutherfordite
NT2 Schroeckingerite
NT2 Sharpite
NT1 Ytterbium Carbonates
NT1 Yttrium Carbonates
NT1 Zinc Carbonates
NT1 Zirconium Carbonates
RT Acid Carbonates

CARBONIC ACID
DA May 1977
BT1 Inorganic Acids
BT2 Hydrogen Compounds

CARBONIC ACID DERIVATIVES [01]
BT1 Organic Compounds
NT1 Carbamates
NT2 DEDTC
NT2 Urethane
NT1 Carbazides
NT1 Carbazones
NT2 Diphenylcarbazones
NT2 Dithizone
NT1 Cyanamides
NT1 Cyanates
NT1 DPCA
NT1 Guanethidine
NT1 Guanidines
NT1 Isocyanic Acid
NT1 Isonitriles
NT1 MEG
NT1 Phosgene
NT1 Semicarbazides
NT1 Semicarbazones
NT1 Thiocyanates
NT1 Thioureas
NT2 AET
NT2 Thiourea
NT1 Urea
RT Carbon Oxysulfide

CARBONIC ACID ESTERS
DA December 1975
BT1 Esters
BT2 Organic Compounds

CARBONIC ANHYDRASE [01]
BT1 Lyases
BT2 Enzymes

Carboniferous Period
DA October 1977
SEE Mississippian Period
OR Pennsylvanian Period

CARBONITRIDES
DA April 1975
RT Carbides
RT Nitrides

CARBONIZATION [01]
BT1 Decomposition
BT2 Chemical Reactions
NT1 Coking
NT1 Electrocarbonization
RT Clean Coke Process
RT Coalcon Process
RT Coke Ovens
RT Consol Stirred Bed Process
RT CSIRO Process
RT Decarbonization
RT Graphitization

Carbonyl Chloride
USE Phosgene

CARBONYL RADICALS [01]
BT1 Radicals
RT Carbonyls

Carbonyl Sulfide
DA November 1976
USE Carbon Oxysulfide

CARBONYLATION
DA July 1978
BT1 Chemical Reactions

CARBONYLS [01]
(Only for compounds of metals with carbonyl radicals.)
RT Carbon Monoxide
RT Carbonyl Radicals
RT Metals

CARBORANES [01]
DA January 1977
BT1 Boron Compounds
BT1 Carbon Compounds

CARBOWAX [01]
BT1 Polyethylene Glycols
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
BT1 Waxes
BT2 Other Organic Compounds
BT3 Organic Compounds

CARBOXYHEMOGLOBIN
DA July 1976
RT Carbon Monoxide
RT Hemoglobin

CARBOXYLASE [01]
BT1 Lyases
BT2 Enzymes

CARBOXYLATION [01]
BT1 Chemical Reactions
RT Decarboxylation

CARBOXYLIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
NT1 Acetic Acid Esters
NT2 Isopentyl Acetate
NT1 Acetoacetic Acid Esters
NT1 Acrylic Acid Esters
NT1 Bromosulfophthalein
NT1 Carbamic Acid Esters
NT1 Citric Acid Esters
NT1 Glucoheptonate
NT1 Malathion
NT1 Methacrylic Acid Esters
NT2 Methyl Methacrylate
NT1 Oxalic Acid Esters
NT1 Phenolphthalein
NT1 Tartaric Acid Esters
RT Carboxylic Acids

CARBOXYLIC ACID SALTS [01]
NT1 Acetates
NT1 Acetoacetates
NT1 Acrylates
NT1 Carbamates
NT2 DEDTC
NT2 Urethane
NT1 Citrates
NT1 Formates
NT1 Methacrylates
NT1 Oxalates
NT1 Phthalates
NT1 Stearates
NT1 Tartrates
NT2 Rochelle Salt
RT Carboxylic Acids
RT Esters

CARBOXYLIC ACIDS [01]
UF *Alkanoic Acids*
UF *Alkenoic Acids*
UF *Aromatic Acids*
UF *Fatty Acids*
UF+ *Aldehydo Acids*
BT1 Organic Acids
BT2 Organic Compounds
*NT1 Amino Acids
NT1 Bile Acids
NT2 Cholic Acid
NT1 Carminic Acid
*NT1 Dicarboxylic Acids
NT1 EGTA
NT1 Glyoxylic Acid
*NT1 Heterocyclic Acids
*NT1 Hydroxy Acids
*NT1 Keto Acids
NT1 Mellitic Acid
*NT1 Monocarboxylic Acids
NT1 Tannic Acid
NT1 Tricarballylic Acid
RT Acid Halides
RT Alginic Acid
RT Carboxylic Acid Esters
RT Carboxylic Acid Salts
RT Ketenes
RT Metabolites
RT Nitriles

CARBOXYPEPTIDASE [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes

6-Carboxyuracil
USE Orotic Acid

CARBURAN [01]
BT1 Bitumens
BT2 Tar
BT3 Other Organic Compounds
BT4 Organic Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

CARBURETORS
DA October 1978
BT1 Fuel Systems
RT Automotive Fuels
RT Fuel-Air Ratio
RT Fuel Economy
RT Internal Combustion Engines
RT Spark Ignition Engines

CARBURETTED WATER GAS
DA January 1975
BT1 Intermediate BTU Gas
BT2 Fuel Gas
BT3 Energy Sources
BT3 Gas Fuels
BT4 Fuels
BT3 Gases
BT4 Fluids
RT Water Gas
DEF Water gas enriched with gasified hydrocarbon oil.

CARBURIZATION [01]
BT1 Surface Hardening
BT2 Hardening
BT2 Surface Treatments
RT Decarburization

CARCINOGENESIS [01]
BT1 Pathogenesis
NT1 Leukemogenesis
RT Carcinogens
RT Neoplasms
RT Oncogenic Transformations

CARCINOGENS [01]
SF *Chemicals*
NT1 Cycasin
RT Carcinogenesis
RT Mutagens
RT Neoplasms
RT Oncogenic Transformations
RT Polycyclic Aromatic Hydrocarbons
RT Radiomimetic Drugs

CARCINOMAS [01]
UF *Adenocarcinomas*
UF *Pulmonary Cancer*
UF+ *Bronchogenic Carcinoma*
UF+ *Uterine Cervix Carcinoma*
BT1 Neoplasms

BT2 Diseases
RT Epithelium

CARD PUNCHES
DA January 1975
RT Computers

Cardiac Output
USE Blood Circulation

CARDIAC PACEMAKERS [01]
UF *Pacemakers*
RT Electric Batteries
RT Heart
RT Mechanical Heart
RT Prostheses
RT Radioisotope Batteries

CARDIOGRAPHY [01]
BT1 Diagnostic Techniques
NT1 Radiocardiography
RT Blood Circulation
RT Blood Pressure
RT Heart

CARDIOLIPIN [01]
BT1 Phospholipids
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

Cardiotonic Glycosides
USE Cardiotonics

CARDIOTONICS [01]
UF *Cardiotonic Glycosides*
BT1 Drugs
BT1 Steroids
BT2 Organic Compounds
NT1 Digitalis Glycosides
NT2 Digitoxin
NT2 Digoxin
NT1 Strophantin
NT2 Ouabain
RT Heart

CARDIOVASCULAR DISEASES [01]
BT1 Diseases
NT1 Arteriosclerosis
NT1 Hypertension
NT1 Ischemia
NT1 Myocardial Infarction
NT1 Nephrosclerosis
NT1 Telangiectasis
NT1 Thrombosis
RT Cardiovascular System

CARDIOVASCULAR SYSTEM [01]
NT1 Blood Vessels
NT2 Arteries
NT3 Aorta
NT3 Carotid Arteries
NT3 Coronaries
NT2 Capillaries
NT2 Veins
NT3 Portal System
NT1 Heart
NT2 Myocardium
NT2 Pericardium
RT Blood Circulation
RT Blood Pressure
RT Cardiovascular Diseases
RT Lymphatic System
RT Organs

CARIBBEAN SEA [01]
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
NT1 Gulf of Mexico
NT2 Galveston Bay
NT2 San Antonio Bay

Caribou
USE Deer

CARIES [01]
DA October 1975
BT1 Pathological Changes
BT2 Diseases
RT Dentistry
RT Teeth

CARL STILL PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing
DEF Ammonia water adsorbs H_2S. The acid gas is fed to a sulfuric acid production plant.

Carlson Method
DA July 1975
USE Discrete Ordinate Method

Carlton Power Reactor
USE Kewaunee Reactor

CARMINIC ACID [01]
BT1 Anthraquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
RT Dyes

CARNALLITE [01]
BT1 Magnesium Chlorides
BT2 Chlorides
BT3 Chlorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT1 Minerals
BT1 Potassium Chlorides
BT2 Chlorides
BT3 Chlorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Potassium Compounds
BT3 Alkali Metal Compounds

CARNATIONS [01]
BT1 Plants

CARNITINE [01]
UF *Novain*
UF *Vitamin B-T*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins
RT Betaine

CARNOT CYCLE [01]
BT1 Thermodynamic Cycles
RT Thermodynamics

CARNOTITE [01]
DA January 1975
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Vanadates
BT2 Uranium Compounds
BT3 Actinide Compounds
BT2 Vanadates
BT3 Oxygen Compounds
BT3 Vanadium Compounds
BT4 Transition Element Compounds
DEF $K_2(UO_2)_2(VO_4)_2.3H_2O$

Carolina Power Light Robinson-2 Reactor
USE Robinson-2 Reactor

CAROLINA-3 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

Carolinas Virginia Tube Reactor
USE CVTR Reactor

CAROTENOIDS [01]
BT1 Hydrocarbons
BT2 Organic Compounds
BT1 Pigments
BT1 Terpenes
BT2 Organic Compounds
RT Vitamin A
RT Vitamins

CAROTID ARTERIES [01]
BT1 Arteries
BT2 Blood Vessels
BT3 Cardiovascular System
RT Head
RT Neck

CARPENTER [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys

CARPETBAG EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

Carpocapsa Pomonella
DA May 1979
USE Codling Moth

CARPOOLING
DA April 1976
NT1 Vanpooling
RT Automobiles
RT Energy Conservation

CARRIER DENSITY [01]
UF *Density (Carrier)*
RT Charge Carriers
RT Current Density

CARRIER-FREE ISOTOPES [01]
RT Labelled Compounds
RT Labelling
RT Radioisotopes
RT Trace Amounts

CARRIER LIFETIME [01]
BT1 Lifetime
RT Charge Carriers

CARRIER MOBILITY [01]
BT1 Mobility
RT Charge Carriers
RT Electric Conductivity

CARRIERS [01]
(Not for CHARGE CARRIERS.)
RT Liposomes
RT Point Defects
RT Radionuclide Kinetics
RT Stable Isotopes

CARRIZO MOUNTAINS [01]
BT1 Mountains

CARROTS [01]
BT1 Vegetables

BT2 Food

CARTELS
DA September 1977
RT Competition
RT Embargoes
RT Market
RT Monopolies
RT OPEC
RT Trade
DEF A voluntary often international combination of independent private enterprises supplying like commodities or services that agree to limit their competitive activities.

CARTESIAN COORDINATES [01]
BT1 Coordinates

CARTILAGE [01]
BT1 Connective Tissue
BT2 Tissues
BT3 Body
RT Bone Joints

Casaccia RANA Reactor
USE Rana Reactor

Casaccia ROSPO Reactor
USE ROSPO Reactor

Cascade (Extraction)
USE Extraction Columns

CASCADE IMPACTORS [01]
RT Aerosol Monitoring
RT Air Pollution Monitors
RT Air Samplers

CASCADE SHOWERS [01]
BT1 Showers
RT Cascade Theory
RT Cosmic Showers

CASCADE THEORY [01]
RT Cascade Showers
RT Gamma Cascades

Cascades (Nuclear)
USE Nuclear Cascades

CASE LAW [01]
DA June 1977
BT1 Laws

CASE METHOD [01]
RT Transport Theory

CASEIN [01]
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
BT1 Proteins
BT2 Organic Compounds

CASIMIR OPERATORS [01]
BT1 Mathematical Operators
RT Symmetry Groups

Casings
DA April 1975
USE Coverings

CASKS [01]
UF *Flasks*
BT1 Containers
NT1 Spent Fuel Casks

CASPIAN SEA [01]
DA September 1975
BT1 Seas
BT2 Surface Waters
RT Iran
RT USSR

CASSAVA [01]
UF *Manioc*
BT1 Plants
RT Food

CAST IRON [01]
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Iron Carbides
BT2 Carbides
BT3 Carbon Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
RT Pearlite

CASTAGNOLI FORMULA [01]
RT Angular Distribution

Caste (Insects)
USE Insects
AND Occupations
AND Populations

Castillejo-Dalitz-Dyson Poles
USE CDD Poles

CASTING [01]
BT1 Fabrication
NT1 Slip Casting
NT1 Vacuum Casting
RT Casting Molds
RT Crucibles
RT Dies
RT Foundries
RT Materials Working
RT Melting
RT Molding

CASTING MOLDS [01]
UF *Molds (Casting)*
RT Casting
RT Dies
RT Molding

CASTINGS [01]
DA May 1975
UF *Metal Castings*
RT Machine Parts

CASTLE PROJECT [01]
UF *Project (Castle)*
RT Nuclear Explosions
RT Nuclear Weapons

CASTOR [01]
UF *Ricinum Communis*
BT1 Medicinal Plants
BT2 Plants
RT Castor Oil

CASTOR OIL [01]
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Castor

CASTRATION [01]
BT1 Surgery
BT2 Medicine
RT Androgens
RT Estrogens
RT Gonads
RT Reproductive Disorders
RT Therapy

CAT-OX PROCESS
DA February 1975
RT Desulfurization
RT Waste Processing
DEF Catalytic oxidation method developed by Monsanto Enviro-Chem Systems, Inc., for removing sulfur dioxide from flue gas of fossil-fuel generating stations. System consists basically of following phases: fly ash collection, conversion of SO_2 to SO_3, heat recovery, removal of H_2SO_4, acid mist elimination, and acid storage and loading.

CAT SCANNING [01]
DA March 1978
UF *Computer Axial Tomography Scanning*
UF *CT Scanning*
BT1 Photon Transmission Scanning
BT2 Diagnostic Techniques
BT1 Tomography
NT1 ECAT Scanning
RT Biomedical Radiography

CATABOLISM [01]
BT1 Metabolism
RT Decomposition
RT Glycolysis
RT Proteolysis

Catacarb Carbon Dioxide Removal Process
DA January 1975
USE Catacarb Process

CATACARB PROCESS
DA January 1975
UF *Catacarb Carbon Dioxide Removal Process*
RT Desulfurization
DEF Process for gas purification by removal of acid gases

CATAGENESIS
DA August 1977
RT Diagenesis
RT Sediments
DEF Changes in a sedimentary rock caused by pressure-temperature conditions quite different from those of deposition; opposed to diagenesis in which burial depth is slight and temperature close to that of deposition temperature.

CATALASE [01]
BT1 Oxidoreductases
BT2 Enzymes
RT Peroxidases

CATALOGS
DA January 1978
BT1 Document Types
RT Directories

CATALYSIS [01]
RT Catalysts
RT Catalytic Cracking
RT Catalytic Effects
RT Chemical Reaction Kinetics
RT Chemical Reactions
RT Coenzymes
RT Crystal Faces
RT Electrocatalysts
RT Enzymes
RT Inhibition
RT Ziegler Catalyst

CATALYST SUPPORTS
DA June 1978
BT1 Supports
BT2 Mechanical Structures
RT Catalysts

CATALYSTS [01]
NT1 Electrocatalysts
NT1 Ziegler Catalyst
RT Additives
RT Catalysis
RT Catalyst Supports
RT Catalytic Combustors
RT Catalytic Converters
RT Promoters

CATALYTIC COMBUSTORS
DA April 1978
BT1 Combustors
RT Air Pollution Abatement
RT Air Pollution Control
RT Catalysts
RT Pollution Control Equipment
DEF Combustors which contain catalysts to increase efficiency and/or to reduce the emission of harmful gaseous pollutants.

CATALYTIC CONVERTERS
DA April 1975
BT1 Pollution Control Equipment
BT2 Equipment

RT Air Pollution
RT Automobiles
RT Catalysts
RT Exhaust Gases
DEF Air pollution control devices using a catalytic reaction to change gaseous effluents to harmless gases (no ignition system included).

CATALYTIC CRACKING
DA December 1976
BT1 Cracking
BT2 Pyrolysis
BT3 Decomposition
BT4 Chemical Reactions
BT3 Thermochemical Processes
RT Catalysis
RT Hydrocracking
RT Thermal Cracking

CATALYTIC EFFECTS
DA January 1975
RT Catalysis
RT Electrocatalysts

CATALYTIC HYDROSOLVATION PROCESS
DA August 1978
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
RT Desulfurization
DEF Coal is impregnated with catalysts (zinc chloride, stannous chloride, and ammonium molybdate), slurried with oil, and hydrogenated under hydrogen pressures up to 4000 psi at 400 to 500°C.

Catalytic-IFP Ammonia Scrubbing Process
DA April 1977
USE IFP Process

CATALYTIC REFORMING
DA January 1979
BT1 Reformer Processes
BT2 Chemical Reactions
DEF Catalytic aromatization of the paraffins and naphthenes of a naphtha to a liquid.

Catalytic Rich Gas Process
DA January 1976
USE CRG Processes

Cataphoresis
USE Electrophoresis

CATAPLEITE [01]
BT1 Minerals
BT1 Sodium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

CATARACTS [01]
UF *Eye Cataracts*
BT1 Sense Organs Diseases
BT2 Diseases
RT Crystalline Lens

CATAWBA-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CATAWBA-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Catechol
USE Pyrocatechol

CATECHOLAMINES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
RT Pyrocatechol

CATHEPSINS [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes

CATHODE FOLLOWERS [01]
BT1 Electronic Circuits
RT Pulse Amplifiers

CATHODE RAY TUBE DIGITIZERS [01]
UF *PEPR Devices*
BT1 Digitizers

CATHODE RAY TUBES [01]
BT1 Electron Tubes
RT Display Devices
RT Electron Scanning
RT Image Tubes
RT Oscillographs

CATHODE SPUTTERING [01]
BT1 Sputtering
RT Vapor Plating

CATHODES [01]
BT1 Electrodes
NT1 Hollow Cathodes
NT1 Photocathodes
RT Cathodoluminescence
RT Electron Tubes
RT Thermionic Emitters

CATHODIC PROTECTION
DA March 1977
BT1 Corrosion Protection
RT Electrochemical Corrosion
RT Pitting Corrosion

CATHODOLUMINESCENCE [01]
(Cathode-ray-excited emission)
BT1 Luminescence
RT Cathodes
RT Emission Spectroscopy

Catholic University of America AGN-Reactor
USE AGN-201-101 Reactor

Cation Exchange Capacity
DA March 1979
USE Cations
AND Ion Exchange

CATIONS [01]
UF *Positive Ions*
UF+ *Cation Exchange Capacity*
BT1 Ions
BT2 Charged Particles
NT1 Hydrogen Ions 1 Plus
NT1 Hydrogen Ions 2 Plus
NT1 Hydrogen Ions 3 Plus
RT Chemical State
RT Electrolysis
RT Ion Beams
RT Ion Exchange Materials

CATS [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals

CATTLE [01]
UF *Bovine*
BT1 Domestic Animals
BT2 Animals
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals
NT1 Calves
NT1 Cows
RT Forage
RT Gramineae
RT Grass
RT Meat
RT Pastures

CAUCASUS
DA June 1978
BT1 USSR
BT2 Europe

CAUCHY PROBLEM [01]
RT Boundary Conditions
RT Differential Equations

Cauliflower
USE Brassica

CAULKING
DA November 1977
RT Air Infiltration
RT Leaks
RT Weatherization

CAUSALITY [01]
RT Quantum Mechanics
RT Schwinger Source Theory

CAUSTIC FLOODING
DA October 1978
BT1 Waterflooding
BT2 Fluid Injection
RT Enhanced Recovery
DEF Injection of alkaline solution to enhance recovery of residual petroleum.

CAVES [01]
BT1 Cavities
RT Openings
RT Rock Caverns
RT Salt Caverns

CAVING
DA June 1979
RT Strata Control
RT Strata Movement
RT Underground Mining

CAVING MINING
DA January 1979
BT1 Underground Mining
BT2 Mining

CAVITATION [01]
RT Fluid Flow

CAVITIES [01]
NT1 Boreholes
NT1 Caves
NT1 Chimneys
NT1 Craters
NT1 Rock Caverns
NT1 Salt Caverns
RT Crystal Defects
RT Excavation
RT Nuclear Explosions
RT Openings
RT Underground Explosions
RT Underground Space
RT Underground Storage
RT Voids

Cavity Ionization Chambers
USE Bragg Gray Chambers

CAVITY RESONATORS [01]
UF *Resonance Cavities*
BT1 Resonators
BT2 Electronic Equipment
NT1 Superconducting Cavity Resonators
RT Cyclic Accelerators
RT Microwave Equipment
RT RF Systems
RT Tuning

CBA Process
DA August 1977
USE Amoco Sulfur Recovery Process

CCBA
USE Coupled Channel Born Approximation

CCD
DA April 1978
USE Charge-Coupled Devices

CCMS
(Committee on the Challenges of Modern Society.)
DA February 1978
BT1 International Organizations
RT NATO

CDC COMPUTERS [01]
BT1 Computers

CDD POLES [01]
UF *Castillejo-Dalitz-Dyson Poles*
RT Dispersion Relations
RT Partial Waves

CDTA [01]
UF *Cyclohexylenedinitrilotetraacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

CDTE SEMICONDUCTOR DETECTORS [01]
UF *Cadmium Telluride Detectors*
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments

CE ENTRAINED FUEL PROCESS
DA May 1977
UF *Combustion Engineering Gasification Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Entrainment
DEF A low pressure, air-blown entrained gasifier with two points of coal feed that can be modified to operate under pressure and with oxygen blowing.

CE STANDARD REACTOR [01]
(Prior to 1975, PWR/80 Type Reactors was used.)
DA January 1975
UF *Combustion Engineering Standard Reactor*
UF *PWR/80 Type Reactors*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
RT Palo Verde-1 Reactor
RT Palo Verde-2 Reactor
RT Palo Verde-3 Reactor
RT Palo Verde-4 Reactor
RT Palo Verde-5 Reactor

CEA [01]
BT1 French Organizations
BT2 National Organizations
NT1 CEA Cadarache
NT1 CEA Fontenay-Aux-Roses
NT1 CEA Grenoble
NT1 CEA la Hague
NT1 CEA Marcoule
NT1 CEA Pierrelatte
NT1 CEA Saclay
RT France

CEA-ADL DUAL ALKALI PROCESS
DA June 1978
RT Desulfurization
RT Waste Processing
DEF Flue gas is passed through an absorption section where sulfur dioxide, chlorides, and sulfur trioxide are removed via contact with a solution of sodium salts. The sodium/sulfur salts are reacted with hydrated lime in a special 2-stage reactor to regenerate the sodium. Calcium/sulfur solids produced are separated from the liquor containing regenerated sodium compounds and disposed of. The regenerated liquor is recirculated to the absorption section.

CEA CADARACHE [01]
UF *Cadarache (CEA)*
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEA FONTENAY-AUX-ROSES [01]
UF *Fontenay-Aux-Roses (CEA)*
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEA GRENOBLE [01]
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEA LA HAGUE [01]
DA June 1975
BT1 CEA
BT2 French Organizations
BT3 National Organizations
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

CEA MARCOULE [01]
UF *Marcoule (CEA)*
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEA PIERRELATTE [01]
UF *Pierrelatte (CEA)*
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEA SACLAY [01]
UF *Saclay (CEA)*
BT1 CEA
BT2 French Organizations
BT3 National Organizations

CEF-OR Reactor
USE OR-CEF Reactor

CEILINGS
DA September 1975
RT Buildings

CELESTIN REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tritium Production Reactors
BT2 Irradiation Reactors
BT3 Reactors

CELL CONSTITUENTS [01]
NT1 Cell Membranes
NT1 Cell Nuclei
NT1 Cell Wall
NT1 Chloroplasts
NT1 Cytoplasm
NT1 Nucleoli
NT1 Organoids
NT2 Endoplasmic Reticulum
NT2 Liposomes
NT2 Lysosomes
NT2 Microsomes
NT2 Mitochondria
NT2 Ribosomes
NT1 Plasmids
RT Animal Cells
RT Cytological Techniques
RT Cytology
RT Genetics
RT Plant Cells
RT Tissue Extracts
RT Ultrastructural Changes

CELL CULTURES [01]
UF *Cultures (Cells)*
NT1 Clone Cells
NT1 Synchronous Cultures
RT Animal Cells
RT Cloning
RT Colony Formation
RT Culture Media
RT In Vitro
RT Microorganisms
RT Mutagen Screening
RT Plant Cells
RT Tissue Cultures
RT Tumor Cells

CELL CYCLE [01]
RT Cell Division
RT DNA Replication
RT Synchronous Cultures

CELL DIFFERENTIATION [01]
RT Blood Formation
RT Ontogenesis

CELL DIVISION [01]
NT1 Meiosis
NT1 Mitosis
RT Cell Cycle
RT Cell Proliferation
RT Gametogenesis
RT Healing
RT In Vivo
RT Mitogens
RT Non-Disjunction

CELL FLOW SYSTEMS [01]
DA August 1976
UF *Flow Cytometers*
RT Animal Cells
RT Cytology
RT Plant Cells

Cell Growth (Animal)
USE Animal Cells
AND Growth

Cell Growth (Plant)
USE Growth
AND Plant Cells

CELL KILLING [01]
RT Death

CELL MEMBRANES [01]
BT1 Cell Constituents
BT1 Membranes
RT Cell Wall

CELL NUCLEI [01]
UF *Nuclei (Cells)*
BT1 Cell Constituents
RT Chromatin
RT Chromosomes
RT Nucleic Acids
RT Nucleoli

CELL PROLIFERATION [01]
RT Cell Division
RT Cloning
RT In Vivo

RT Phytohemagglutinin

CELL RECYCLE
DA October 1978
RT Anaerobic Digestion
RT Fermentation
DEF Technique of recycling yeast or other microorganisms back into biochemical reaction vessel.

CELL WALL [01]
BT1 Cell Constituents
RT Cell Membranes
RT Plant Cells

CELLOBIOSE [01]
BT1 Disaccharides
BT2 Oligosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

CELLOPHANE [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Cellulose

CELLOSOLVES [01]
UF *Glycol Monoalkyl Ethers*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Organic Solvents
BT2 Solvents

Cells (Animal)
USE Animal Cells

Cells (Bacterial)
USE Bacteria

Cells (Electrolytic)
USE Electrolytic Cells

Cells (Plant)
USE Plant Cells

Cells (Reactor)
USE Reactor Cells

CELLULASES
DA March 1978
BT1 Hydrolases
BT2 Enzymes
RT Enzymatic Hydrolysis
DEF Any of a group of extracellular enzymes, produced by various fungi, bacteria, insects, etc., that hydrolyze celluose.

CELLULOID [01]
RT Camphor
RT Cellulose Esters
RT Nitrocellulose

CELLULOLYTIC ACTIVITY
DA May 1979
BT1 Enzyme Activity
RT Biodegradation
RT Enzymatic Hydrolysis
DEF Measure of efficiency for cellulose biodegradation.

CELLULOSE [01]
UF+ *Ethocel*
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Bagasse
RT Biomass
RT Cellophane
RT Cellulose Esters
RT Delignification
RT Hemicellulose
RT Polyacetals
RT Rayon

CELLULOSE ESTERS [01]
BT1 Esters
BT2 Organic Compounds
RT Celluloid
RT Cellulose

Celtic Sea
DA May 1977
USE Irish Sea

CEMENT INDUSTRY
DA July 1977
BT1 Industry
RT Cements
RT Portland Cement

CEMENTITE [01]
BT1 Intermetallic Compounds
BT2 Alloys
BT1 Iron Carbides
BT2 Carbides
BT3 Carbon Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
RT Martensite
RT Pearlite
RT Steels
DEF An intermetallic compound Fe_3C.

CEMENTS [01]
BT1 Building Materials
BT2 Materials
NT1 Gypsum Cements
NT1 Portland Cement
RT Cement Industry
RT Concretes
RT Grouting
RT Mortars

CENOZOIC ERA
DA October 1977
BT1 Geologic Ages
NT1 Quaternary Period
NT1 Tertiary Period

CENTAURO-TYPE EVENTS
DA August 1979
RT Cosmic Radiation
RT Cosmic Showers
RT Extensive Air Showers
RT Fireball Model
RT Hadrons
RT Multiple Production
RT Nuclear Matter
RT Particle Interactions
RT Quarks
DEF Cosmic-ray events of high hadron multiplicity without associated neutral pions.

CENTER-OF-MASS SYSTEM [01]
UF *Centre-of-Mass System*
RT Coordinates
RT Laboratory System
RT Longitudinal Momentum
RT Lorentz Transformations
RT Mechanics
RT Scattering
RT Transverse Momentum

CENTRAL AFRICAN REPUBLIC [01]
BT1 Africa

CENTRAL AMERICA [01]
BT1 Latin America
NT1 Costa Rica
NT1 Dominican Republic
NT2 West Indies
NT3 Bahama Islands
NT3 Cuba
NT3 Jamaica
NT3 Puerto Rico
NT3 Trinidad and Tobago
NT1 El Salvador
NT1 Guatemala
NT1 Honduras
NT1 Nicaragua
NT1 Panama
NT1 Panama Canal Zone
RT OAS

CENTRAL HEATING PLANTS
DA February 1975
RT District Cooling
RT District Heating
RT MIUS
RT Space Heating

CENTRAL NERVOUS SYSTEM [01]
BT1 Nervous System
NT1 Brain
NT2 Cerebellum
NT2 Cerebrum
NT3 Cerebral Cortex
NT2 Hypothalamus
NT2 Olfactory Bulbs
NT2 Thalamus
NT1 Spinal Cord
RT Behavior
RT Cerebrospinal Fluid
RT Meninges
RT Radiation Syndrome
RT Receptors

Central Nuclear De Zorita-1
USE Zorita-1 Reactor

Central Nuclear En Atucha Reactor
USE Atucha Reactor

CENTRAL POTENTIAL [01]
BT1 Potentials
RT Coulomb Field
RT Potential Energy

CENTRAL RECEIVERS
DA May 1976
RT Boilers
RT Solar Collectors
RT Tower Focus Power Plants

CENTRAL REGION
DA July 1978
UF *Region III*
NT1 Delaware
NT1 Maryland
NT1 Pennsylvania
NT2 Pittsburgh
NT1 Virginia
NT1 West Virginia

Centre-of-Mass System
USE Center-of-Mass System

CENTRIFUGAL FAST ANALYZERS
DA June 1975
RT Chemical Analysis

Centrifugal Separators
DA March 1976
USE Inertial Separators

CENTRIFUGATION [01]
BT1 Separation Processes
NT1 Gas Centrifugation
NT1 Ultracentrifugation
RT Isotope Separation
RT Podbielniak Contactors
RT Sedimentation
RT Ultracentrifuges

CENTRIFUGE ENRICHMENT PLANTS [01]
DA May 1976
UF *Enrichment Plants (Centrifuge)*
UF *Ultracentrifuge Enrichment Plants*
BT1 Isotope Separation Plants
BT2 Industrial Plants
BT2 Nuclear Facilities

CENTRIFUGES [01]
BT1 Concentrators
NT1 Gas Centrifuges
NT1 Ultracentrifuges

Centro Studi Nucleari Enrico Fermi Reactor
USE Cesnef Reactor

CEPFR-1 REACTOR
DA January 1975

BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

CEPHALINS [01]
BT1 Amines
BT2 Organic Compounds
BT1 Phospholipids
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds
RT Glycerol

CEPHEIDS [01]
BT1 Pulsating Variable Stars
BT2 Variable Stars
BT3 Stars

CERAMICS [01]
RT Ceramics Industry
RT Ceramography
RT Cermets
RT Clays
RT Dielectric Track Detectors
RT Enamels
RT Glass
RT Glazes
RT Porcelain
RT Refractories
RT Slip Casting

CERAMICS INDUSTRY
DA November 1977
BT1 Industry
RT Ceramics
RT Metal Industry

CERAMOGRAPHY [01]
DA October 1978
RT Autoradiography
RT Ceramics
RT Cracks
RT Electron Microprobe Analysis
RT Etching
RT Fractography
RT Materials Testing
RT Microhardness
RT Microscopy
RT Microstructure
RT Particle Size
RT Photomicrography
RT Porosity
RT Replica Techniques
RT Sample Preparation
RT Surface Properties
DEF Methods for the characterization of microstructural features and sterometric and topologic parameters of ceramic materials including sample preparation techniques.

CERATITIS CAPITATA [01]
BT1 Fruit Flies
BT2 Flies
BT3 Insects
BT4 Arthropods
BT5 Invertebrates
BT6 Animals

Cercaria
USE Platyhelminths

CEREALS [01]
UF+ *Grains (Cereal)*
BT1 Gramineae
BT2 Plants
BT1 Grass
BT2 Plants
NT1 Barley
NT1 Maize
NT1 Millet
NT1 Oats
NT1 Rice
NT1 Rye
NT1 Sorghum
NT1 Wheat
RT Buckwheat
RT Crops
RT Flour
RT Food
RT Grain Disinfestation
RT Ustilago
RT Vernalization

CEREBELLUM [01]
BT1 Brain
BT2 Central Nervous System
BT3 Nervous System
BT2 Organs
BT3 Body

CEREBRAL CORTEX [01]
UF *Cortex (Cerebral)*
BT1 Cerebrum
BT2 Brain
BT3 Central Nervous System
BT4 Nervous System
BT3 Organs
BT4 Body
RT Behavior
RT Conditioned Reflexes

CEREBROSIDES [01]
BT1 Glycolipids
BT2 Lipids
BT3 Organic Compounds
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Amides
RT Galactose

CEREBROSPINAL FLUID [01]
BT1 Body Fluids
BT2 Biological Materials
RT Central Nervous System

CEREBRUM [01]
BT1 Brain
BT2 Central Nervous System
BT3 Nervous System
BT2 Organs
BT3 Body
NT1 Cerebral Cortex

CERIANITE [01]
BT1 Cerium Oxides
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

CERITE [01]
BT1 Cerium Silicates
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

CERIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements
NT1 Cerium-Alpha
NT1 Cerium-Beta
NT1 Cerium-Gamma

CERIUM 124 [01]
DA March 1979
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CERIUM 125 [01]
DA March 1979
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CERIUM 126 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 127 [01]
DA April 1978
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 128 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 129 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 130 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 131 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 132 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 133 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 134 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 135 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 136 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CERIUM 137 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 138 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

CERIUM 139 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 140 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CERIUM 141 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 142 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CERIUM 143 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 144 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 145 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 146 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 147 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 148 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CERIUM 149 [01]
DA September 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CERIUM 150 [01]
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM 151 [01]
DA November 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cerium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

CERIUM ADDITIONS [01]
BT1 Cerium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys
NT1 Steel-Kh13
NT1 Steel-1Kh16n14v2br Ehp17
NT1 Steel-Kh13s2yu2bt

CERIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Cerium Additions
NT2 Steel-Kh13
NT2 Steel-1Kh16n14v2br Ehp17
NT2 Steel-Kh13s2yu2bt
NT1 Cerium Base Alloys
NT2 Misch Metal

CERIUM-ALPHA [01]
BT1 Cerium
BT2 Rare Earths
BT3 Metals
BT4 Elements

CERIUM ARSENIDES [01]
DA October 1978
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Cerium Compounds
BT2 Rare Earth Compounds

CERIUM BASE ALLOYS [01]
BT1 Cerium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
NT1 Misch Metal

CERIUM-BETA [01]
DA June 1977
BT1 Cerium
BT2 Rare Earths
BT3 Metals
BT4 Elements

CERIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Cerium Compounds
BT2 Rare Earth Compounds

CERIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Cerium Compounds
BT2 Rare Earth Compounds

CERIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Cerium Compounds
BT2 Rare Earth Compounds

CERIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Cerium Compounds
BT2 Rare Earth Compounds
NT1 Cordylite

CERIUM CHLORIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CERIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

CERIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Cerium Arsenides
NT1 Cerium Borides
NT1 Cerium Bromides
NT1 Cerium Carbides
NT1 Cerium Carbonates
NT2 Cordylite
NT1 Cerium Chlorides
NT1 Cerium Fluorides
NT1 Cerium Hydrides
NT1 Cerium Hydroxides
NT1 Cerium Iodides
NT1 Cerium Nitrates
NT1 Cerium Nitrides
NT1 Cerium Oxides
NT2 Cerianite
NT1 Cerium Perchlorates
NT1 Cerium Phosphates
NT2 Florencite
NT1 Cerium Phosphides
NT1 Cerium Selenides
NT1 Cerium Silicates
NT2 Cerite
NT2 Kainosite
NT2 Yttrialite
NT1 Cerium Silicides
NT1 Cerium Sulfates
NT1 Cerium Sulfides
NT1 Cerium Tungstates

CERIUM FLUORIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CERIUM-GAMMA [01]
DA June 1975
BT1 Cerium
BT2 Rare Earths
BT3 Metals
BT4 Elements

CERIUM HYDRIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

CERIUM HYDROXIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CERIUM IODIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CERIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CERIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Cerium 124
NT1 Cerium 125
NT1 Cerium 126
NT1 Cerium 127
NT1 Cerium 128
NT1 Cerium 129
NT1 Cerium 130
NT1 Cerium 131
NT1 Cerium 132
NT1 Cerium 133
NT1 Cerium 134
NT1 Cerium 135
NT1 Cerium 136
NT1 Cerium 137
NT1 Cerium 138
NT1 Cerium 139
NT1 Cerium 140
NT1 Cerium 141
NT1 Cerium 142
NT1 Cerium 143
NT1 Cerium 144
NT1 Cerium 145

NT1 Cerium 146
NT1 Cerium 147
NT1 Cerium 148
NT1 Cerium 149
NT1 Cerium 150
NT1 Cerium 151

CERIUM NITRATES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CERIUM NITRIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CERIUM OXIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Cerianite

CERIUM PERCHLORATES [01]
DA June 1975
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

CERIUM PHOSPHATES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
NT1 Florencite

CERIUM PHOSPHIDES [01]
DA December 1976
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

CERIUM SELENIDES [01]
DA December 1976
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

CERIUM SILICATES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Cerite
NT1 Kainosite
NT1 Yttrialite

CERIUM SILICIDES [01]
DA February 1975
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

CERIUM SULFATES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CERIUM SULFIDES [01]
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CERIUM 136 TARGET [01]
DA July 1976
BT1 Targets

CERIUM 138 TARGET [01]
DA July 1976
BT1 Targets

CERIUM 140 TARGET [01]
DA July 1976
BT1 Targets

CERIUM 141 TARGET [01]
DA July 1976
BT1 Targets

CERIUM 142 TARGET [01]
DA July 1976
BT1 Targets

CERIUM TUNGSTATES
DA June 1977
BT1 Cerium Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

CERMETS [01]
BT1 Composite Materials
NT1 TD-Nickel
NT1 TD-Nickel Chromium
RT Ceramics
RT Refractories

CERN [01]
UF *European Organization for Nuclear Research*
BT1 International Organizations

CERN AG Synchrotron
(This was a valid descriptor prior to 1976.)
DA January 1976
USE CERN PS Synchrotron

CERN CESAR [01]
(CERN Electron Storage and Accumulation Ring.)
BT1 Storage Rings

CERN II Synchrotron
(This was a valid descriptor prior to 1976.)
DA January 1976
USE CERN SPS Synchrotron

CERN ISR [01]
(CERN Intersecting Storage Rings.)
BT1 Storage Rings

CERN LINAC [01]
DA October 1978
BT1 Linear Accelerators
BT2 Accelerators

CERN PS SYNCHROTRON [01]
DA January 1976
UF *CERN AG Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CERN SPS SYNCHROTRON [01]
DA January 1976
UF *CERN II Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CERN SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CERRO PRIETO GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT Mexico

CERROBEND ALLOYS [01]
BT1 Bismuth Base Alloys
BT2 Bismuth Alloys
BT3 Alloys
BT1 Cadmium Alloys
BT2 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys

CERTIFICATION
DA February 1979
RT Licensing
RT Performance Testing
RT Quality Assurance
RT Standards
RT Testing

CERULOPLASMIN [01]
BT1 Copper Complexes
BT2 Transition Element Complexes
BT3 Complexes
BT1 Globulins-Alpha
BT2 Globulins
BT3 Proteins
BT4 Organic Compounds

CESAR REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT Enriched Uranium Reactors

CESIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

CESIUM 114 [01]
DA February 1979
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 115 [01]
DA February 1979
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 116 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 117 [01]
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes

BT2 Radioisotopes
BT3 Isotopes

CESIUM 118 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 119 [01]
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 120 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 121 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 122 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 123 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 124 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 125 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 126 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 127 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 128 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 129 [01]
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 130 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 131 [01]
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 132 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 133 [01]
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CESIUM 134 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 135 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 136 [01]
BT1 Beta-Minus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 137 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Radioisotope Generators

CESIUM 138 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 139 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 140 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 141 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 142 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 143 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 144 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 145 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CESIUM 146 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM 147 [01]
DA December 1978
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CESIUM 148 [01]
DA May 1979
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cesium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CESIUM ADDITIONS [01]
BT1 Cesium Alloys
BT2 Alloys

CESIUM ALLOYS [01]
BT1 Alloys
NT1 Cesium Additions
NT1 Cesium Base Alloys

CESIUM BASE ALLOYS [01]
BT1 Cesium Alloys
BT2 Alloys

CESIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Cesium Compounds
BT2 Alkali Metal Compounds

CESIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Cesium Compounds
BT2 Alkali Metal Compounds

CESIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Cesium Compounds
BT2 Alkali Metal Compounds

CESIUM CHLORIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CESIUM COMPLEXES [01]
BT1 Alkali Metal Complexes
BT2 Complexes

CESIUM COMPOUNDS [01]
BT1 Alkali Metal Compounds
NT1 Cesium Bromides
NT1 Cesium Carbides
NT1 Cesium Carbonates
NT1 Cesium Chlorides
NT1 Cesium Fluorides
NT1 Cesium Hydrides
NT1 Cesium Hydroxides
NT1 Cesium Iodides
NT1 Cesium Nitrates
NT1 Cesium Nitrides
NT1 Cesium Oxides
NT1 Cesium Perchlorates
NT1 Cesium Phosphates
NT1 Cesium Silicates
NT1 Cesium Silicides
NT1 Cesium Sulfates
NT1 Cesium Sulfides
NT1 Cesium Tellurides
NT1 Cesium Tungstates
NT1 Cesium Uranates

CESIUM FLUORIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CESIUM HYDRIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

CESIUM HYDROXIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CESIUM IODIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CESIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CESIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Cesium 114
NT1 Cesium 115
NT1 Cesium 116
NT1 Cesium 117
NT1 Cesium 118
NT1 Cesium 119
NT1 Cesium 120
NT1 Cesium 121
NT1 Cesium 122
NT1 Cesium 123
NT1 Cesium 124
NT1 Cesium 125
NT1 Cesium 126
NT1 Cesium 127
NT1 Cesium 128
NT1 Cesium 129
NT1 Cesium 130
NT1 Cesium 131
NT1 Cesium 132
NT1 Cesium 133
NT1 Cesium 134
NT1 Cesium 135
NT1 Cesium 136
NT1 Cesium 137
NT1 Cesium 138
NT1 Cesium 139
NT1 Cesium 140
NT1 Cesium 141
NT1 Cesium 142
NT1 Cesium 143
NT1 Cesium 144
NT1 Cesium 145
NT1 Cesium 146
NT1 Cesium 147
NT1 Cesium 148

CESIUM NITRATES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CESIUM NITRIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CESIUM OXIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

CESIUM PERCHLORATES [01]
DA January 1975
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

CESIUM PHOSPHATES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

CESIUM SILICATES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

CESIUM SILICIDES
DA May 1975
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

CESIUM SULFATES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CESIUM SULFIDES [01]
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CESIUM 132 TARGET [01]
DA March 1979
BT1 Targets

CESIUM 133 TARGET [01]
DA July 1976
BT1 Targets

CESIUM TELLURIDES [01]
DA May 1979
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

CESIUM TUNGSTATES [01]
DA January 1975
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Tungstates

CESIUM URANATES [01]
DA January 1975
BT1 Cesium Compounds
BT2 Alkali Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

CESNEF REACTOR [01]
UF *Centro Studi Nucleari Enrico Fermi Reactor*
UF *Enrico Fermi Nuclear Research Center Reactor*
UF *L-54 Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

CESR STORAGE RING [01]
DA February 1979
UF *Cornell Electron-Positron Storage Ring*
BT1 Storage Rings

CESTODES [01]
UF *Tapeworms*
BT1 Helminths
BT2 Parasites
BT1 Platyhelminths
BT2 Invertebrates
BT3 Animals
NT1 Hymenolepis
RT Hydatidosis

CETACEANS
DA May 1976
BT1 Mammals
BT2 Vertebrates
BT3 Animals
DEF The order of aquatic mammals, including the whales, dolphins; and porpoises.

Cetane Number
DA January 1975
USE Antiknock Ratings

Cetene Number
DA January 1975
USE Antiknock Ratings

Ceylon
USE Sri Lanka

CFFC PROCESS
DA August 1976
UF *Clean Fuel from Coal Process*
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Coal liquefaction process developed by C-E Lummus, a subsidiary of Combustion Engineering to produce low sulfur, low ash, synthetic boiler fuel.

CFFF
DA May 1979
USE MHD Generator CFFF

CFG Reactor
USE ANEX Reactor

CFRMF REACTOR [01]
UF *Coupled Fast Reactor Measurement Facility*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

CFU [01]
(Limited to colony formation on spleen.)
UF *Colony Forming Units*
RT Colony Formation
RT Spleen Colony Formation
RT Stem Cells

CHACALTAYA [01]
BT1 Bolivia
BT2 South America
BT3 Latin America

CHAD [01]
BT1 Africa

CHAIN REACTIONS [01]
RT Criticality
RT Fission
RT Fissioning Plasma
RT Natural Nuclear Reactors
RT Nuclear Reactions
RT Thermonuclear Reactions

CHALCOGENIDES [01]
*NT1 Oxides
NT1 Selenides
NT2 Aluminium Selenides
NT2 Americium Selenides
NT2 Antimony Selenides
NT2 Arsenic Selenides
NT2 Berkelium Selenides
NT2 Beryllium Selenides
NT2 Bismuth Selenides
NT2 Cadmium Selenides
NT2 Californium Selenides
NT2 Cerium Selenides
NT2 Chromium Selenides
NT2 Copper Selenides
NT2 Curium Selenides
NT2 Dysprosium Selenides
NT2 Erbium Selenides
NT2 Europium Selenides
NT2 Gadolinium Selenides
NT2 Gallium Selenides
NT2 Germanium Selenides
NT2 Hafnium Selenides
NT2 Holmium Selenides
NT2 Indium Selenides
NT2 Iron Selenides
NT2 Lanthanum Selenides
NT2 Lead Selenides
NT2 Lithium Selenides
NT2 Lutetium Selenides
NT2 Manganese Selenides
NT2 Mercury Selenides
NT2 Molybdenum Selenides
NT2 Neptunium Selenides
NT2 Nickel Selenides
NT2 Niobium Selenides
NT2 Palladium Selenides
NT2 Plutonium Selenides
NT2 Potassium Selenides
NT2 Praseodymium Selenides
NT2 Rhenium Selenides
NT2 Rhodium Selenides
NT2 Ruthenium Selenides
NT2 Samarium Selenides
NT2 Scandium Selenides
NT2 Silver Selenides
NT2 Tantalum Selenides
NT2 Technetium Selenides
NT2 Terbium Selenides
NT2 Thallium Selenides
NT2 Thorium Selenides
NT2 Thulium Selenides
NT2 Tin Selenides
NT2 Titanium Selenides
NT2 Tungsten Selenides
NT2 Uranium Selenides
NT2 Vanadium Selenides
NT2 Ytterbium Selenides
NT2 Yttrium Selenides
NT2 Zinc Selenides
NT2 Zirconium Selenides
*NT1 Sulfides
NT1 Tellurides
NT2 Aluminium Tellurides
NT2 Americium Tellurides
NT2 Antimony Tellurides
NT2 Arsenic Tellurides
NT2 Berkelium Tellurides
NT2 Beryllium Tellurides
NT2 Bismuth Tellurides
NT2 Cadmium Tellurides
NT2 Californium Tellurides
NT2 Cesium Tellurides
NT2 Chromium Tellurides
NT2 Cobalt Tellurides
NT2 Copper Tellurides
NT2 Curium Tellurides
NT2 Dysprosium Tellurides
NT2 Erbium Tellurides
NT2 Europium Tellurides
NT2 Gadolinium Tellurides
NT2 Gallium Tellurides
NT2 Germanium Tellurides
NT2 Gold Tellurides
NT2 Hafnium Tellurides
NT2 Holmium Tellurides
NT2 Indium Tellurides
NT2 Iridium Tellurides
NT2 Iron Tellurides
NT2 Lanthanum Tellurides
NT2 Lead Tellurides
NT2 Lithium Tellurides
NT2 Magnesium Tellurides
NT2 Manganese Tellurides
NT2 Mercury Tellurides
NT2 Molybdenum Tellurides
NT2 Neodymium Tellurides
NT2 Neptunium Tellurides
NT2 Niobium Tellurides
NT2 Palladium Tellurides
NT2 Platinum Tellurides
NT2 Plutonium Tellurides
NT2 Potassium Tellurides
NT2 Praseodymium Tellurides
NT2 Rhenium Tellurides
NT2 Rhodium Tellurides
NT2 Rubidium Tellurides
NT2 Ruthenium Tellurides
NT2 Samarium Tellurides
NT2 Silver Tellurides
NT2 Sodium Tellurides
NT2 Tantalum Tellurides
NT2 Technetium Tellurides
NT2 Terbium Tellurides
NT2 Thallium Tellurides
NT2 Thorium Tellurides
NT2 Thulium Tellurides
NT2 Tin Tellurides
NT2 Titanium Tellurides
NT2 Tungsten Tellurides
NT2 Uranium Tellurides
NT2 Ytterbium Tellurides
NT2 Yttrium Tellurides
NT2 Zinc Tellurides
NT2 Zirconium Tellurides

CHALCOPYRITE [01]
BT1 Copper Sulfides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Iron Sulfides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Minerals
DEF A bright brass-yellow tetragonal mineral:$CuFeS_2$.

CHALICE DEVICES [01]
BT1 Linear Theta Pinch Devices
BT2 Linear Pinch Devices
BT3 Open Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices

CHALK RIVER [01]
BT1 Ontario
BT2 Canada
BT3 North America

CHALK RIVER NUCLEAR LABS [01]
BT1 National Organizations
RT Canada

Chalk River Pool Test Reactor
USE PTR Reactor

Chalks
DA June 1978
USE Limestone

CHAMBER FURNACES
DA November 1976
UF *Chamber Kilns*
UF *Chamber Ovens*
BT1 Furnaces

Chamber Kilns
DA November 1976
USE Chamber Furnaces

Chamber Ovens
DA November 1976
USE Chamber Furnaces

Chandrasekhar-Fermi Theory
USE Chandrasekhar Theory

CHANDRASEKHAR THEORY [01]
UF *Chandrasekhar-Fermi Theory*
RT Astrophysics
RT Stars

CHANNELING [01]
UF *Blocking*
UF *Coning*
UF *Dechanneling*
NT1 Electron Channeling
NT1 Ion Channeling
NT1 Positron Channeling
NT1 Proton Channeling

Channels (Reactor)
USE Reactor Channels

CHAPELCROSS-1 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHAPELCROSS-2 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHAPELCROSS-3 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHAPELCROSS-4 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHAPMAN-ENSKOG THEORY [01]
RT Transport Theory

CHAPMAN-FERRARO PROBLEM [01]
RT Solar Wind
RT Transport Theory

CHAPMAN-KOLMOGOROV EQUATION [01]
DA January 1975
RT Kolmogorov Equation
RT Reactor Kinetics Equations

Char Oil Energy Development Process
DA January 1975
USE COED Process

CHARCOAL [01]
BT1 Adsorbents
RT Activated Carbon

CHARGE CARRIERS [01]
RT Carrier Density
RT Carrier Lifetime
RT Carrier Mobility
RT Dember Effect
RT Electric Charges
RT Electron-Hole Droplets
RT Electrons
RT Holes

CHARGE COLLECTION [01]
DA January 1975
RT Charge Transport

Charge Conjugation Invariance
USE C Invariance

CHARGE CONSERVATION [01]
RT Electric Charges
RT Gauge Invariance

CHARGE-COUPLED DEVICES
DA April 1978
UF *CCD*
BT1 Semiconductor Devices
DEF Semiconductor devices arrayed so that the electric charge at the output of one provides the input stimulus to the next.

CHARGE DENSITY [01]
DA August 1976
UF *Density (Charge)*
RT Electric Charges
RT Energy Density

CHARGE DISTRIBUTION
DA August 1975
RT Electric Charges
RT Electrostatics
RT Ion Beams
RT Multiple Production
RT Nuclear Radii
RT Space Charge

CHARGE EXCHANGE [01]
UF *Exchange (Charge)*
RT Beam Neutralization
RT Beam Strippers
RT Electron Capture
RT Electron Loss
RT Hydrogen Transfer
RT Ionization

CHARGE-EXCHANGE INTERACTIONS [01]
BT1 Strong Interactions
BT2 Basic Interactions
BT3 Interactions
RT Cluster Emission Model

CHARGE-EXCHANGE REACTIONS [01]
BT1 Nuclear Reactions

CHARGE INDEPENDENCE [01]
BT1 Invariance Principles
RT Nucleons
RT Strong Interactions

CHARGE PLUNGER METHOD [01]
DA October 1978
BT1 Counting Techniques
RT Lifetime
RT Time-of-Flight Method
DEF Method for the determination of lifetimes of nuclear levels.

Charge Radius (Nuclear)
USE Nuclear Radii

Charge Radius (Particle)
USE Particle Radii

Charge Ratio
DA July 1978
USE Minus-Plus Ratio

CHARGE RENORMALIZATION [01]
BT1 Renormalization
RT Electrodynamics

CHARGE STATE
DA January 1977
RT Electric Batteries

CHARGE TRANSPORT [01]
RT Charge Collection
RT Electric Charges

CHARGED-CURRENT INTERACTIONS [01]
DA June 1976
BT1 Particle Interactions
BT2 Interactions

CHARGED CURRENTS [01]
DA June 1976
BT1 Algebraic Currents
BT2 Currents
NT1 Weak Charged Currents
RT Neutral Currents

Charged-Particle Activation
DA February 1979
USE Activation Analysis
AND Charged Particles

CHARGED PARTICLE DETECTION [01]
BT1 Radiation Detection
BT2 Detection
NT1 Alpha Detection
NT1 Beta Detection
NT1 Electron Detection
NT1 Ion Detection
NT1 Muon Detection
NT1 Pion Detection
NT1 Positron Detection
NT1 Proton Detection
RT Cosmic Ray Detection
RT Fission Fragment Detection
RT Radiation Detectors
RT Radiation Length

CHARGED-PARTICLE PRECIPITATION [01]
DA February 1975
NT1 Electron Precipitation
NT1 Proton Precipitation
RT Aurorae
RT Auroral Oval
RT Midday Aurorae
RT Radiation Belts

CHARGED-PARTICLE REACTIONS
DA January 1975
BT1 Nuclear Reactions
NT1 Alpha Reactions
NT1 Deuteron Reactions
NT1 Electron Reactions
NT2 Electrofission
NT1 Heavy Ion Reactions
NT2 Aluminium 27 Reactions
NT2 Argon 40 Reactions
NT2 Beryllium 9 Reactions
NT2 Boron 10 Reactions
NT2 Boron 11 Reactions
NT2 Calcium 40 Reactions
NT2 Calcium 44 Reactions
NT2 Calcium 48 Reactions
NT2 Carbon 12 Reactions
NT2 Carbon 13 Reactions
NT2 Carbon 14 Reactions
NT2 Chlorine 35 Reactions
NT2 Chlorine 37 Reactions
NT2 Chromium 52 Reactions
NT2 Chromium 54 Reactions
NT2 Copper 63 Reactions
NT2 Copper 65 Reactions
NT2 Deep Inelastic Heavy Ion Reactions
NT2 Fluorine 19 Reactions
NT2 Germanium 74 Reactions
NT2 Germanium 76 Reactions
NT2 Iron 56 Reactions
NT2 Iron 58 Reactions
NT2 Krypton 83 Reactions
NT2 Krypton 84 Reactions
NT2 Krypton 86 Reactions
NT2 Lanthanum 139 Reactions
NT2 Lead 208 Reactions
NT2 Lithium 6 Reactions
NT2 Lithium 7 Reactions
NT2 Magnesium 24 Reactions
NT2 Neodymium 150 Reactions
NT2 Neon 20 Reactions
NT2 Neon 22 Reactions
NT2 Nickel 58 Reactions
NT2 Nickel 60 Reactions
NT2 Nickel 64 Reactions
NT2 Niobium 93 Reactions
NT2 Nitrogen 14 Reactions
NT2 Nitrogen 15 Reactions
NT2 Oxygen 16 Reactions
NT2 Oxygen 17 Reactions
NT2 Oxygen 18 Reactions
NT2 Palladium 118 Reactions
NT2 Phosphorus 31 Reactions
NT2 Quasi-Fission
NT2 Silicon 28 Reactions
NT2 Silicon 29 Reactions
NT2 Sodium 23 Reactions
NT2 Sulfur 32 Reactions
NT2 Sulfur 33 Reactions
NT2 Sulfur 34 Reactions
NT2 Thallium 205 Reactions
NT2 Tin 120 Reactions
NT2 Titanium 48 Reactions
NT2 Titanium 50 Reactions
NT2 Uranium 235 Reactions
NT2 Uranium 238 Reactions
NT2 Xenon 129 Reactions
NT2 Xenon 132 Reactions
NT2 Xenon 136 Reactions
NT2 Zinc 68 Reactions
NT2 Zinc 70 Reactions
NT1 Helium 3 Reactions
NT1 Meson Reactions
NT2 Kaon Reactions
NT3 Kaon Minus Reactions
NT3 Kaon Neutral Reactions
NT3 Kaon Plus Reactions
NT2 Pion Reactions
NT3 Pion Minus Reactions
NT3 Pion Neutral Reactions
NT3 Pion Plus Reactions
NT1 Muon Reactions
NT1 Proton Reactions
NT1 Triton Reactions

RT Charged Particles
RT Ions

CHARGED-PARTICLE TRANSPORT [01]
UF *Transport (Charged-Particle)*
BT1 Radiation Transport
NT1 Proton Transport
RT Charged-Particle Transport Theory

CHARGED-PARTICLE TRANSPORT THEORY [01]
BT1 Transport Theory
RT Charged-Particle Transport
RT Charged Particles
RT Elementary Particles

CHARGED PARTICLES [01]
(In addition to the specific charged particles listed below, see also the list under ELEMENTARY PARTICLES.)
UF+ *Charged-Particle Activation*
NT1 Alpha Particles
NT2 Delayed Alpha Particles
NT2 Solar Alpha Particles
NT1 Beta Particles
NT1 Deuterons
NT1 Ions
NT2 Anions
NT3 Heteropolyanions
NT3 Hydrogen Ions 1 Minus
NT2 Argon Ions
*NT2 Atomic Ions
NT2 Bromine Ions
NT2 Cations
NT3 Hydrogen Ions 1 Plus
NT3 Hydrogen Ions 2 Plus
NT3 Hydrogen Ions 3 Plus
NT2 Chlorine Ions
NT2 Deuterium Ions
NT2 Fluorine Ions
NT2 Heavy Ions
NT2 Hydrogen Ions
NT3 Hydrogen Ions 1 Minus
NT3 Hydrogen Ions 1 Plus
NT3 Hydrogen Ions 2 Plus
NT3 Hydrogen Ions 3 Plus
NT2 Iodine Ions
NT2 Krypton Ions
NT2 Light Ions
*NT2 Molecular Ions
NT2 Multicharged Ions
NT2 Muonic Ions
NT2 Neon Ions
NT2 Nitrogen Ions
NT2 Oxygen Ions
NT2 Potassium Ions
NT2 Praseodymium Ions
NT2 Promethium Ions
NT2 Protactinium Ions
NT2 Radium Ions
NT2 Radon Ions
NT2 Rhenium Ions
NT2 Rhodium Ions
NT2 Rubidium Ions
NT2 Ruthenium Ions
NT2 Tritium Ions
NT2 Xenon Ions
NT1 Tritons
RT Charged-Particle Reactions
RT Charged-Particle Transport Theory
RT Guiding-Center Approximation
RT Lorentz Force
RT Stoermer Theory
RT Test Particles

CHARGES [01]
(Definition change; prior to July, 1979 CHARGES included in prices.)
UF *Assessments*
UF *Fees*
UF *Financial Penalties*
UF *Penalties*
RT Cost
RT Interest Rate
RT Prices
RT Taxes
DEF Pecuniary burden or fees.

Charging (Reactor)
USE Reactor Fueling

Charging Machines (Reactor)
USE Reactor Charging Machines

CHARIOT EVENT [01]
BT1 Plowshare Project
RT Harbors

CHARM PARTICLES [01]
BT1 Postulated Particles
BT2 Elementary Particles
NT1 Charmed Baryon Resonances
NT2 C-2260 Resonances
NT2 Lambda-2250 Resonances
NT1 Charmed Meson Resonances
NT2 D Resonances
NT3 D-1865 Resonances
NT3 D-2007 Resonances
NT2 F-2030 Resonances
NT2 F*Resonances
RT Charmonium
RT Color Model
RT Hadrons
RT Hypercharge
RT Isospin
RT Quark Model
RT SU-3 Groups

CHARMED BARYON RESONANCES [01]
DA October 1978
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Charm Particles
BT2 Postulated Particles
BT3 Elementary Particles
NT1 C-2260 Resonances
NT1 Lambda-2250 Resonances

CHARMED MESON RESONANCES [01]
DA January 1978
BT1 Charm Particles
BT2 Postulated Particles
BT3 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 D Resonances
NT2 D-1865 Resonances
NT2 D-2007 Resonances
NT1 F-2030 Resonances
NT1 F*Resonances

CHARMONIUM [01]
DA November 1976
RT Bound State
RT Charm Particles
RT Psi Resonances
DEF A hypothetical bound state of charmed quarks, analogous to positronium, muonium, etc.

Charpak Chambers
USE Multiwire Proportional Chambers

CHARPY TEST [01]
RT Destructive Testing

CHARS
DA April 1975
BT1 Pyrolysis Products
RT By-Products
RT Coal
RT Coalcon Process
RT Consol Stirred Bed Process
RT CSIRO Process

Charts
USE Diagrams

CHATTAHOOCHEE RIVER
DA February 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Alabama
RT Florida
RT Georgia

CHATTANOOGA [01]
BT1 Tennessee
BT2 Southeast Region
BT2 USA
BT3 North America

CHATTANOOGA FORMATION [01]
DA January 1976
RT Alabama
RT Arkansas
RT Black Shales
RT Geologic Strata
RT Georgia
RT Illinois
RT Kansas
RT Kentucky
RT Mississippi
RT Missouri
RT Ohio
RT Oklahoma
RT Tennessee

CHEESE [01]
BT1 Milk Products
BT2 Food
RT Whey

CHELATES [01]
BT1 Complexes
RT Chelating Agents

CHELATING AGENTS [01]
SF *Chemicals*
NT1 Acetylacetone
NT1 BAL
NT1 CDTA
NT1 CPDTA
NT1 DCTA
NT1 DEDTC
NT1 Deferoxamine
NT1 Dithizone
NT1 DTPA
NT1 EDDHA
NT1 EDTA
NT1 EGTA
NT1 HEDTA
NT1 HEIDA
NT1 HMDTA
NT1 MDPA
NT1 NTA
NT1 Penicillamine
NT1 TDA
NT1 TETAHA
NT1 TNA
NT1 TOA
RT Chelates
RT Decontamination
RT Drugs

CHEMICAL ACTIVATION [01]
UF *Activation (Chemical)*
RT Activation Energy
RT Deactivation
RT Enzyme Reactivation
RT Excitation

Chemical Activity
DA June 1977
USE Thermodynamic Activity

CHEMICAL ANALYSIS [01]
UF *Content Analysis*
NT1 Activation Analysis
NT1 Electron Microprobe Analysis

NT1 Ion Selective Electrode Analysis
NT1 Multi-Element Analysis
NT1 Nondestructive Analysis
NT2 Delayed Neutron Analysis
NT2 Ion Microprobe Analysis
NT2 Ion Scattering Analysis
NT2 Radiation Absorption Analysis
NT2 Radiation Scattering Analysis
NT2 X-Ray Emission Analysis
NT3 X-Ray Fluorescence Analysis
NT1 Nuclear Reaction Analysis
NT2 Delayed Neutron Analysis
NT1 Qualitative Chemical Analysis
NT1 Quantitative Chemical Analysis
NT2 Gravimetric Analysis
NT3 Thermal Gravimetric Analysis
NT2 Radio-Release Analysis
NT2 Radiometric Analysis
NT2 Volumetric Analysis
NT1 Radiochemical Analysis
NT1 Ring Oven Method
RT Carbon Meters
RT Centrifugal Fast Analyzers
RT Classification
RT Crime Detection
RT Hydrogen Meters
RT Ion Probes
RT Oxygen Meters
RT Sulfur Meters
RT Tritium Meters

CHEMICAL BONDS [01]
NT1 Double Bonds
RT Adducts
RT Binding Energy
RT Bond Angle
RT Bond Lengths

CHEMICAL COATING [01]
BT1 Surface Coating
BT2 Deposition
NT1 Chemical Vapor Deposition
NT1 Electrochemical Coating
NT2 Anodization

CHEMICAL COMPOSITION [01]
RT Abundance
RT Cosmochemistry
RT Iodine Number
RT Ionic Composition
RT Quantitative Chemical Analysis
RT Quantity Ratio
RT Water Chemistry

CHEMICAL DECLADDING [01]
BT1 Decladding
BT2 Head End Processes

CHEMICAL DOSEMETERS [01]
UF *Fricke Dosemeters*
BT1 Dosemeters
BT2 Measuring Instruments
RT Chemical Radiation Detectors

CHEMICAL EFFLUENTS [01]
DA June 1975
UF *Effluents (Chemical)*
RT Gaseous Wastes
RT Liquid Wastes
RT Particle Resuspension
RT Pollution
RT Radioactive Effluents
RT Solid Wastes
RT Water Pollution Monitors

CHEMICAL EXPLOSIONS [01]
BT1 Explosions
NT1 Cowboy Event
NT1 Pre-Gondola I Event
NT1 Pre-Gondola II Event
RT Chemical Explosives
RT Contained Explosions
RT Cratering Explosions
RT Explosive Fracturing
RT Explosive Stimulation
RT Flashback

CHEMICAL EXPLOSIVES [01]
UF *High Explosives*
BT1 Explosives
NT1 Dynamite
NT1 Nitrocellulose
NT1 Nitroglycerin
NT1 Nitromethane
NT1 PETN
NT1 Picric Acid
NT1 Shaped Charges
NT1 TATB
NT1 Tetryl
NT1 TNT
RT Chemical Explosions
RT Detonation Limits
RT Pyrotechnic Devices

CHEMICAL FEEDSTOCKS
DA March 1977
UF+ *Petrochemical Feedstocks*
RT Inorganic Compounds
RT Organic Compounds
RT Petrochemicals
RT Pyrolytic Gases

CHEMICAL INDUSTRY [01]
DA August 1975
BT1 Industry
RT Chemical Plants
RT Mineral Industry

CHEMICAL LASERS [01]
DA January 1975
BT1 Lasers
RT Dye Lasers

CHEMICAL MACHINING [01]
DA May 1975
UF *Chemical Milling*
BT1 Machining
NT1 Electrochemical Machining

Chemical Milling
DA May 1975
USE Chemical Machining

Chemical Mutagens
USE Mutagens

CHEMICAL OXYGEN DEMAND
DA March 1978
RT Aquatic Ecosystems
RT Biochemical Oxygen Demand
RT Liquid Wastes
RT Oxygen

CHEMICAL PLANTS
DA December 1978
BT1 Industrial Plants
NT1 Gasoline Plants
NT1 Petrochemical Plants
RT Chemical Industry
RT Methanol Plants
RT Petrochemicals
DEF Industrial facilities operated by the Chemical Industry.

CHEMICAL POLISHING [01]
BT1 Polishing
BT2 Surface Finishing

CHEMICAL PREPARATION [01]
UF *Preparation (Chemical)*
BT1 Synthesis
RT Chemical Reactions

CHEMICAL PROPERTIES [01]
UF *Properties (Chemical)*
RT Affinity
RT Chemical Reactions
RT Chemistry

CHEMICAL RADIATION DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Chemical Dosemeters

CHEMICAL RADIATION EFFECTS [01]
UF *Radioinduced Reactions*
UF+ *Radiation Curing*
UF+ *Radiation Hardening (Chemical)*
UF+ *Radiopolymerization*
BT1 Radiation Chemistry
BT2 Chemistry
BT1 Radiation Effects
NT1 Lyoluminescence
NT1 Radiolysis
NT2 Autoradiolysis
RT Host-Cell Reactivation
RT Strand Breaks

CHEMICAL REACTION KINETICS [01]
BT1 Reaction Kinetics
BT2 Kinetics
NT1 Combustion Kinetics
RT Activation Energy
RT Arrhenius Equation
RT Catalysis
RT Enzyme Activity

CHEMICAL REACTION YIELD [01]
UF *Yield (Chemical Reaction)*
BT1 Yields
RT Chemical Reactions

CHEMICAL REACTIONS [01]
UF+ *Ionic Reactions*
NT1 Acylation
NT2 Acetylation
NT2 Benzoylation
NT1 Alkylation
NT1 Amination
NT1 Aromatization
NT1 Bosch Process
NT1 Carbonylation
NT1 Carboxylation
NT1 Chemisorption
NT1 Claisen Condensation
NT1 Corrosion
NT2 Electrochemical Corrosion
NT2 Fretting Corrosion
NT2 Intergranular Corrosion
NT2 Pitting Corrosion
NT2 Stress Corrosion
NT1 Dealkylation
NT1 Deamination
NT1 Decarboxylation
NT1 Decarburization
NT1 Dechlorination
NT1 Decomposition
NT2 Autolysis
NT3 Autoradiolysis
NT2 Biodegradation
NT2 Carbonization
NT3 Coking
NT3 Electrocarbonization
NT2 Depolymerization
NT2 Destructive Distillation
NT2 Glycolysis
NT2 Photolysis
NT3 Biophotolysis
NT2 Proteolysis
NT3 Fibrinolysis
NT2 Pyrolysis
NT3 Calcination
NT3 Cracking
NT4 Catalytic Cracking
NT4 Hydrocracking
NT4 Thermal Cracking
NT2 Radiolysis
NT3 Autoradiolysis
NT2 Solvolysis
NT3 Acetolysis
NT3 Ammonolysis
NT3 Hydrolysis
NT4 Acid Hydrolysis
NT4 Enzymatic Hydrolysis
NT4 Saponification
NT1 Dehydridation
NT1 Dehydrogenation
NT1 Deiodination
NT1 Denitration
NT1 Denitrification
NT1 Dephenolization
NT1 Desulfurization
NT2 JPL Process
NT2 Sulfiban Process
NT1 Deuteration
NT1 Diazotization
NT1 Diels-Alder Reaction
NT1 Esterification
NT1 Fischer-Tropsch Synthesis

NT1 Friedel-Crafts Reaction
NT1 Halogenation
NT2 Bromination
NT2 Chlorination
NT3 Sulfochlorination
NT2 Fluorination
NT2 Iodination
NT1 Hydridation
NT1 Hydrogenation
NT1 Isomerization
NT1 Methanation
NT1 Methylation
NT1 Nitridation
NT1 Oxidation
NT2 Combustion
NT3 Fluidized-Bed Combustion
NT3 In-Situ Combustion
NT3 Reverse Combustion
NT3 Spontaneous Combustion
NT2 Roasting
NT1 Partial Oxidation Processes
NT1 Phosphorylation
NT1 Photochemical Reactions
NT2 Photolysis
NT3 Biophotolysis
NT2 Photosynthesis
NT1 Polymerization
NT2 Copolymerization
NT2 Cross-Linking
NT2 Dimerization
NT2 Telomerization
NT1 Redox Reactions
NT1 Reduction
NT2 Bomb Reduction
NT2 Thermite Process
NT1 Reformer Processes
NT2 Catalytic Reforming
NT2 Steam Reformer Processes
NT3 Segas Process
NT1 Steam-Iron Process
NT1 Sulfidation
NT1 Sulfonation
NT2 Sulfochlorination
NT1 Water Gas Processes
RT Acidification
RT Affinity
RT Catalysis
RT Chemical Preparation
RT Chemical Properties
RT Chemical Reaction Yield
RT Chemical Reactors
RT Chemical State
RT Chemistry
RT Equilibrium
RT Fermentation
RT Fluidized Bed
RT Fuel-Cladding Interactions
RT Fuel-Coolant Interactions
RT Hydrogen Transfer
RT Hydroxylation
RT Isotopic Exchange
RT Molten Metal-Water Reactions
RT Nitration
RT Reaction Intermediates
RT Rock-Fluid Interactions
RT Seed-Slag Interactions
RT Stoichiometry
RT Thermodynamic Activity

CHEMICAL REACTORS
DA August 1975
UF *Vessels (Chemical Reactions)*
NT1 Retorts
NT2 Pumpherston Retort
RT Chemical Reactions
RT Loading Rate

CHEMICAL SHIFT [01]
RT Nuclear Magnetic Resonance
RT Spectral Shift

Chemical Shimming
USE Fluid Poison Control

CHEMICAL STATE [01]
RT Anions
RT Cations
RT Chemical Reactions
RT Recoils

CHEMICAL VAPOR DEPOSITION [01]
BT1 Chemical Coating
BT2 Surface Coating
BT3 Deposition
RT Vapor Deposited Coatings
RT Vapor Plating

Chemically Active Fluidized Bed Process
DA January 1975
USE CAFB Process

Chemicals
SEE Additives
OR Carcinogens
OR Chelating Agents
OR Chemosterilants
OR Contrast Media
OR Detergents
OR Developers
OR Dyes
OR Indicators
OR Mutagens
OR Pigments
OR Plasticizers
OR Reagents
OR Solvents
OR Surfactants

CHEMICO PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF Process using an aqueous suspension of MgO for removal of SO_2 from flue gas.

CHEMILUMINESCENCE [01]
BT1 Luminescence

CHEMISORPTION [01]
BT1 Chemical Reactions
BT1 Separation Processes
BT1 Sorption
RT Adsorbents
RT Adsorption
RT Hydrogen Storage
DEF The process of chemical adsorption.

CHEMISTRY [01]
NT1 Atmospheric Chemistry
NT1 Biochemistry
NT1 Cosmochemistry
NT1 Electrochemistry
NT1 Geochemistry
NT2 Biogeochemistry
NT1 Nuclear Chemistry
NT1 Photochemistry
NT1 Physical Chemistry
NT1 Radiation Chemistry
NT2 Chemical Radiation Effects
NT3 Lyoluminescence
NT3 Radiolysis
NT4 Autoradiolysis
NT1 Radiochemistry
NT2 Hot Atom Chemistry
NT3 Szilard-Chalmers Reaction
NT1 Soil Chemistry
RT Chemical Properties
RT Chemical Reactions
RT Positronium Chemistry
RT Qualitative Chemical Analysis
RT Quantitative Chemical Analysis
RT Stoichiometry

Chemistry (Water)
DA February 1975
USE Water Chemistry

CHEMONUCLEAR REACTORS [01]
BT1 Irradiation Reactors
BT2 Reactors

CHEMORECEPTORS [01]
RT Flavor
RT Insects
RT Odor
RT Sense Organs

CHEMOSTERILANTS [01]
SF *Chemicals*
RT Alkylating Agents
RT Antimetabolites
RT Sterilization
DEF A substance producing irreversible sterility in a reproductive system

CHEMOTHERAPY [01]
UF *Pharmacotherapy*
BT1 Therapy
RT Drugs

CHERENKOV COUNTERS [01]
UF *Cherenkov Detectors*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Cherenkov Counting

CHERENKOV COUNTING
DA October 1975
BT1 Counting Techniques
RT Cherenkov Counters

Cherenkov Detectors
USE Cherenkov Counters

CHERENKOV RADIATION [01]
UF *Vavilov-Cherenkov Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Light Cone

CHERNOFF FACES
DA June 1979
RT Computer Graphics
RT Data Processing
DEF Stylized faces used in analysis of many-dimensional data sets.

CHEROKEE-1 REACTOR [01]
(In Cherokee County, South Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHEROKEE-2 REACTOR [01]
(In Cherokee County, South Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHEROKEE-3 REACTOR [01]
(In Cherokee County, South Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHERRIES [01]
BT1 Fruits
BT2 Food
RT Fruit Trees

Cherry Fruit Fly
DA January 1976
USE Rhagoletis Cerasi

CHERT
DA January 1975
BT1 Metamorphic Rocks
BT2 Rocks

CHESAPEAKE BAY [01]
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
RT Maryland
RT Virginia

Cheshire Event
DA June 1977
USE Anvil Project

CHEST [01]
UF *Thorax*
BT1 Body Areas
BT2 Body
NT1 Mediastinum
RT Heart
RT Lungs
RT Mammary Glands
RT Pleura
RT Respiratory System
RT Thymus

CHESTNUT TREES
DA September 1978
BT1 Trees
BT2 Plants

CHEW-LOW METHOD [01]
RT Strong Interactions

CHI RESONANCES [01]
DA July 1977
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 Chi-3455 Resonances
NT1 CHI-3500 Resonances
NT1 CHI-3550 Resonances

CHI-3410 RESONANCES [01]
DA August 1976
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

CHI-3455 RESONANCES [01]
DA July 1977
BT1 Chi Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

CHI-3500 RESONANCES [01]
DA January 1977
BT1 Chi Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

CHI-3550 RESONANCES [01]
DA January 1977
BT1 Chi Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

Chiberta Event
DA June 1977
USE Anvil Project

CHICAGO
DA October 1977
BT1 Illinois
BT2 Great Lakes Region
BT2 USA
BT3 North America

CHICAGO CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Chicago Pile-1 Reactor
USE CP-1 Reactor

Chicago Pile-2 Reactor
USE CP-2 Reactor

CHICAGO SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CHICKENS [01]
UF *Hens*
BT1 Fowl
BT2 Birds
BT3 Vertebrates
BT4 Animals
RT Ascaridae
RT Syngamus

CHILDREN [01]
BT1 Man
BT2 Primates
BT3 Mammals
BT4 Vertebrates
BT5 Animals
NT1 Infants
RT Adolescents
RT Age Groups
RT Education
RT Life Cycle
RT Pediatrics
RT Progeny

CHILE [01]
BT1 South America
BT2 Latin America
RT Andes
RT El Tatio Geothermal Field

CHIMERAS [01]
BT1 Mosaicism
NT1 Radiation Chimeras
RT Immunity
RT Spleen Colony Formation
RT Transplants

CHIMNEYS [01]
(Limited to pipelike vents in the earth.)
DA January 1975
BT1 Cavities
RT Draft Control Systems

CHINA [01]
UF *Peoples Republic of China*
BT1 Asia
NT1 Manchuria
RT Taiwan

China Clay
USE Kaolin

Chinese Bean Oil
USE Soybean Oil

Chinese Hamster
USE Hamsters

CHINON-1 REACTOR [01]
UF *EDF-1 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHINON-2 REACTOR [01]
UF *EDF-2 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CHINON-3 REACTOR [01]
UF *EDF-3 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Chinone
USE Benzoquinones

CHINSHAN-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

CHINSHAN-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

CHIPMUNKS [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals
RT Squirrels

Chiral
DA February 1976
USE Enantiomorphs

CHIRAL SYMMETRY [01]
BT1 Symmetry
RT Chirality

CHIRALITY [01]
BT1 Particle Properties
RT Angular Momentum
RT Chiral Symmetry
RT Helicity
RT Quantum Mechanics
RT Spin

CHITIN [01]
BT1 Mucopolysaccharides

BT2 Amines
BT3 Organic Compounds
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Glucosamine
RT Polyacetals

CHIYODA THOROUGHBRED PROCESS
DA December 1977
RT Desulfurization
RT Waste Processing
DEF Wet process capable of high SOx removal from flue gas producting gypsum for resale or disposal.

CHLAMYDOMONAS [01]
BT1 Unicellular Algae
BT2 Algae
BT3 Plants
BT2 Microorganisms

CHLORAL [01]
UF *Trichloroacetaldehyde*
BT1 Aldehydes
BT2 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Acetaldehyde

CHLORAMBUCIL
DA February 1975
BT1 Amines
BT2 Organic Compounds
BT1 Antineoplastic Drugs
BT2 Drugs
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

Chloramine-B
USE Chloramines

Chloramine-T
USE Chloramines

CHLORAMINES [01]
UF *Chloramine-B*
UF *Chloramine-T*
BT1 Amines
BT2 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Amides
RT Sulfonic Acids

CHLORAMPHENICOL [01]
BT1 Antibiotics
BT2 Drugs

CHLORANIL [01]
UF *Tetrachlorobenzoquinone*
BT1 Benzoquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Chloranilic Acid

CHLORANILIC ACID [01]
BT1 Benzoquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
RT Chloranil
RT Organic Acids

CHLORATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Chlorine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

CHLORELLA [01]
BT1 Unicellular Algae
BT2 Algae
BT3 Plants
BT2 Microorganisms

CHLORIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

CHLORIDE VOLATILITY PROCESS [01]
BT1 Pyrometallurgy
BT2 Extractive Metallurgy
BT3 Metallurgy
BT1 Reprocessing
BT2 Separation Processes
RT Distillation
RT Refining
RT Volatility

CHLORIDES [01]
BT1 Chlorine Compounds
BT2 Halogen Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Actinium Chlorides
NT1 Aluminium Chlorides
NT1 Americium Chlorides
NT1 Ammonium Chlorides
NT1 Antimony Chlorides
NT1 Argon Chlorides
NT1 Arsenic Chlorides
NT1 Astatine Chlorides
NT1 Barium Chlorides
NT1 Berkelium Chlorides
NT1 Beryllium Chlorides
NT1 Bismuth Chlorides
NT1 Boron Chlorides
NT1 Bromine Chlorides
NT1 Cadmium Chlorides
NT1 Calcium Chlorides
NT1 Californium Chlorides
NT1 Cerium Chlorides
NT1 Cesium Chlorides
NT1 Chromium Chlorides
NT1 Cobalt Chlorides
NT1 Copper Chlorides
NT1 Curium Chlorides
NT1 Dysprosium Chlorides
NT1 Einsteinium Chlorides
NT1 Element 104 Chlorides
NT1 Erbium Chlorides
NT1 Europium Chlorides
NT1 Fermium Chlorides
NT1 Francium Chlorides
NT1 Gadolinium Chlorides
NT1 Gallium Chlorides
NT1 Germanium Chlorides
NT1 Gold Chlorides
NT1 Hafnium Chlorides
NT1 Helium Chlorides
NT1 Holmium Chlorides
NT1 Indium Chlorides
NT1 Iodine Chlorides
NT1 Iridium Chlorides
NT1 Iron Chlorides
NT1 Krypton Chlorides
NT1 Lanthanum Chlorides
NT1 Lawrencium Chlorides
NT1 Lead Chlorides
NT1 Lithium Chlorides
NT1 Lutetium Chlorides
NT1 Magnesium Chlorides
NT2 Carnallite
NT1 Manganese Chlorides
NT1 Mercury Chlorides
NT1 Methylene Blue
NT1 Molybdenum Chlorides
NT1 Neodymium Chlorides
NT1 Neon Chlorides
NT1 Neptunium Chlorides
NT1 Nickel Chlorides
NT1 Niobium Chlorides
NT1 Nitrogen Chlorides
NT1 Nobelium Chlorides
NT1 Osmium Chlorides
NT1 Palladium Chlorides
NT1 Phosphorus Chlorides
NT1 Platinum Chlorides
NT1 Plutonium Chlorides
NT1 Polonium Chlorides
NT1 Potassium Chlorides
NT2 Carnallite
NT1 Praseodymium Chlorides
NT1 Promethium Chlorides
NT1 Protactinium Chlorides
NT1 Radium Chlorides
NT1 Radon Chlorides
NT1 Rhenium Chlorides
NT1 Rhodium Chlorides
NT1 Rubidium Chlorides
NT1 Ruthenium Chlorides
NT1 Samarium Chlorides
NT1 Scandium Chlorides
NT1 Selenium Chlorides
NT1 Silicon Chlorides
NT1 Silver Chlorides
NT1 Sodium Chlorides
NT1 Strontium Chlorides
NT1 Sulfur Chlorides
NT1 Tantalum Chlorides
NT1 Technetium Chlorides
NT1 Tellurium Chlorides
NT1 Terbium Chlorides
NT1 Tetrazolium
NT1 Thallium Chlorides
NT1 Thorium Chlorides
NT1 Thulium Chlorides
NT1 Tin Chlorides
NT1 Titanium Chlorides
NT1 Tungsten Chlorides
NT1 Uranium Chlorides
NT1 Uranyl Chlorides
NT1 Vanadium Chlorides
NT1 Xenon Chlorides
NT1 Ytterbium Chlorides
NT1 Yttrium Chlorides
NT1 Zinc Chlorides
NT1 Zirconium Chlorides
RT Chlorine Additions
RT Hydrochloric Acid
RT Oxychlorides

CHLORIMET [01]
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

CHLORINATED ALICYCLIC HYDROCARBONS
DA February 1975
BT1 Halogenated Alicyclic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Lindane

CHLORINATED ALIPHATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aliphatic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Carbon Tetrachloride
NT1 Chloroform
NT1 Methyl Chloride

NT1 PVC

CHLORINATED AROMATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aromatic Hydrocarbons
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Aldrin

CHLORINATION [01]
BT1 Halogenation
BT2 Chemical Reactions
NT1 Sulfochlorination
RT Dechlorination

CHLORINE [01]
UF *Chlorine Chlorides*
BT1 Halogens
BT2 Nonmetals
BT3 Elements

CHLORINE 31 [01]
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

CHLORINE 32 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHLORINE 33 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHLORINE 34 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHLORINE 35 [01]
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CHLORINE 36 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHLORINE 37 [01]
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Chlorine 37 Reactions

CHLORINE 38 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHLORINE 39 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

CHLORINE 40 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

CHLORINE 41 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chlorine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

CHLORINE 42 [01]
BT1 Chlorine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

CHLORINE 43 [01]
DA December 1976
BT1 Chlorine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

CHLORINE 44 [01]
DA February 1976
BT1 Chlorine Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

CHLORINE ADDITIONS [01]
RT Chlorides
RT Crystal Doping
RT Doped Materials

CHLORINE 35 BEAMS [01]
DA January 1975
BT1 Ion Beams
BT2 Beams

Chlorine Bromides
USE Bromine Chlorides

Chlorine Chlorides
USE Chlorine

CHLORINE COMPLEXES [01]
BT1 Complexes

CHLORINE COMPOUNDS [01]
BT1 Halogen Compounds
NT1 Chlorates
*NT1 Chlorides
NT1 Chlorine Fluorides
NT1 Chlorine Oxides
NT1 Oxychlorides
*NT1 Perchlorates
RT Organic Chlorine Compounds

CHLORINE FLUORIDES [01]
UF *Fluorine Chlorides*
BT1 Chlorine Compounds
BT2 Halogen Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

Chlorine Iodides
USE Iodine Chlorides

CHLORINE IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

CHLORINE ISOTOPES [01]
NT1 Chlorine 31
NT1 Chlorine 32
NT1 Chlorine 33
NT1 Chlorine 34
NT1 Chlorine 35
NT1 Chlorine 36
NT1 Chlorine 37
NT1 Chlorine 38
NT1 Chlorine 39
NT1 Chlorine 40
NT1 Chlorine 41
NT1 Chlorine 42
NT1 Chlorine 43
NT1 Chlorine 44

Chlorine Logs
DA March 1979
USE Neutron-Gamma Logging

CHLORINE OXIDES [01]
BT1 Chlorine Compounds

BT2 Halogen Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

CHLORINE 35 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CHLORINE 37 REACTIONS [01]
DA September 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Chlorine 37

CHLORINE 35 TARGET [01]
DA July 1976
BT1 Targets

CHLORINE 37 TARGET [01]
DA July 1976
BT1 Targets

CHLORITE MINERALS [01]
BT1 Minerals
DEF A group of platy, monoclinic, usually greenish minerals of the general formula: $(Mg,Fe^{+2},Fe^{+3})_6AlSi_3O_{10}(OH)_8$.

Chlormerodrin
USE Neohydrin

2-Chloro-1,3-Butadiene
USE Neoprene

Chlorobutadiene
USE Neoprene

CHLOROFORM [01]
BT1 Chlorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
RT Organic Solvents

CHLOROPHYLL [01]
BT1 Phytochromes
BT2 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Chloroplasts
RT Leaves
RT Photosynthesis
RT Plants

CHLOROPLASTS [01]
BT1 Cell Constituents
RT Chlorophyll
RT Photosynthesis
RT Plant Cells

Chloroprene
USE Neoprene

CHLOROTHIAZIDE [01]
BT1 Diuretics
BT2 Drugs

CHLOROUS ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

CHLORPROMAZINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Phenothiazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Tranquilizers
BT2 Psychotropic Drugs
BT3 Drugs

CHLORTETRACYCLINE [01]
BT1 Tetracyclines
BT2 Antibiotics
BT3 Drugs

CHOLANTHRENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds

CHOLECALCIFEROL [01]
UF *Vitamin D-3*
BT1 Vitamin D
BT2 Vitamins

CHOLERA [01]
BT1 Infectious Diseases
BT2 Diseases

CHOLESTEROL [01]
BT1 Sterols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Steroids
BT3 Organic Compounds
RT Lanolin
RT Lipids
RT Myelin

CHOLIC ACID [01]
BT1 Bile Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Sterols
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Steroids
BT4 Organic Compounds

CHOLINE [01]
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Lipotropic Factors
BT1 Quaternary Compounds
BT2 Amines
BT3 Organic Compounds
BT2 Ammonium Compounds
RT Acetylcholine
RT Lecithins
RT Lipids

CHOLINESTERASE [01]
BT1 Esterases
BT2 Hydrolases
BT3 Enzymes
RT Acetylcholine

CHONDRITES [01]
BT1 Stone Meteorites
BT2 Meteorites

CHONDROITIN [01]
BT1 Mucopolysaccharides
BT2 Amines
BT3 Organic Compounds
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Mucoproteins

Chondrosarcomas
USE Sarcomas
AND Skeletal Diseases

Chooz Reactor
USE Ardennes Reactor

Choppers (Beam)
DA May 1979
USE Beam Pulsers

Choppers (Neutron)
USE Neutron Choppers

Chorioallantoic Membrane
USE Fetal Membranes

Choroid
USE UVEA

CHROMATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Chromic Acid
RT Chromium Oxides

CHROMATIC ABERRATIONS [01]
RT Beam Optics

Chromatid Deletions
USE Chromosomal Aberrations

CHROMATIDS [01]
RT Chromatin
RT Chromosomes

CHROMATIN [01]
NT1 Heterochromatin
NT1 Sex Chromatin
RT Achromatic Lesions
RT Cell Nuclei
RT Chromatids
RT Chromosomes

CHROMATOGRAPHY [01]
UF *Paper Chromatography*
UF *Partition Chromatography*
BT1 Separation Processes
NT1 Extraction Chromatography
NT1 Gas Chromatography
NT1 Ion Exchange Chromatography
NT1 Liquid Column Chromatography
NT1 Radiochromatography
NT1 Thermochromatography
NT1 Thin-Layer Chromatography
RT Counter Current

Chrome Violet
USE Aluminon

CHROMEL [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

CHROMIC ACID [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Inorganic Acids
BT2 Hydrogen Compounds
BT1 Oxygen Compounds
RT Chromates
RT Chromium Oxides

CHROMIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

CHROMIUM 43 [01]
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 44 [01]
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei

BT2 Nuclei

CHROMIUM 45 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 46 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHROMIUM 47 [01]
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 48 [01]
BT1 Chromium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 49 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chromium Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHROMIUM 50 [01]
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CHROMIUM 51 [01]
BT1 Chromium Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 52 [01]
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CHROMIUM 53 [01]
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CHROMIUM 54 [01]
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

CHROMIUM 55 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHROMIUM 56 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CHROMIUM 57 [01]
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM 58 [01]
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

CHROMIUM ADDITIONS [01]
BT1 Chromium Alloys
BT2 Alloys
NT1 Alloy-1915
NT1 Alloy-VN-2
NT1 Alloy-Vus-6
NT1 Steel-20Khmf
NT1 Steel-22NiMoCr37
NT1 Zircaloy 2

CHROMIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-A-286
NT1 Alloy-B-1900
NT1 Alloy-D-979
NT1 Alloy-DH-245
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-EHP-199
NT1 Alloy-Ehp-567
NT1 Alloy-GMR-235
NT1 Alloy-HD-556
NT1 Alloy-HK-40
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-IN-519
NT1 Alloy-KH20N80
NT1 Alloy-Khn60b
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-0KH12N13M
NT1 Alloy-Khn50mbvyu
NT1 Alloy-Khn60mkbyut
NT1 Alloy-KH20N80T
NT1 Alloy-KHN78T
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-L-605
NT1 Alloy-M-252
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-MN-21
NT1 Alloy-Mo-Re-1
NT1 Alloy-MP35N
NT1 Alloy-N-155
NT1 Alloy-RA-333
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Alloy-VT3-1
NT1 Alloy-VT15
NT1 Alloy-VT22
NT1 Alloy-VTZ-1
NT1 Ascoloy
NT1 Astroloy
NT1 Chromel
NT1 Chromium Additions
NT2 Alloy-1915
NT2 Alloy-VN-2
NT2 Alloy-Vus-6
NT2 Steel-20Khmf
NT2 Steel-22NiMoCr37
NT2 Zircaloy 2
NT1 Chromium Base Alloys
NT2 HAVAR
NT1 Chromium Steels
NT2 Chromium-Molybdenum Steels
NT3 Alloy-HT-9
NT3 Steel-10Cd9-10
NT3 Steel-15Cd9-10
NT3 Steel-28CdV508
NT3 Steel-DIN-1-6770
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-15Khg2sfmr
NT3 Steel-42Kh2gsnm
NT3 Steel-Kh14k9n6m5
NT3 Steel-12Khm
NT3 Steel-5Kh2mf
NT3 Steel-15Kh1m1f
NT3 Steel-15Kh1m1fl
NT3 Steel-38Kh5msfa
NT3 Steel-38Khmyua
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-40Khnma
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh15n20m2t2
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-2Kh8v8m2k8
NT3 Steel-Z10cdnbv9
NT3 Steel-Z10cdv7
NT2 Chromium-Nickel Steels
NT3 Alloy-CK-20
NT3 Carpenter
NT3 Durco
NT3 Enduro
NT3 Stainless Steel-18-8
NT3 Stainless Steel-18-10
NT3 Stainless Steel-301
NT3 Stainless Steel-302
NT3 Stainless Steel-304
NT3 Stainless Steel-305
NT3 Stainless Steel-308
NT3 Stainless Steel-309
NT3 Stainless Steel-310
NT3 Stainless Steel-316
NT3 Stainless Steel-321
NT3 Stainless Steel-329
NT3 Stainless Steel-347

NT3 Stainless Steel-348
NT3 Stainless Steel-AM-350
NT3 Stainless Steel-19-9DL
NT3 Stainless Steel-304L
NT3 Stainless Steel-17-7Ph
NT3 Stainless Steel-Ph-15-7-Mo
NT3 Stainless Steel-309S
NT3 Stainless Steel-Z3cmn18-8-6N
NT3 Stainless Steel-Z2cn18-10
NT3 Stainless Steel-Z6cn18-10
NT3 Stainless Steel-Z2cn18-10N
NT3 Stainless Steel-Z2cnd17-12
NT3 Stainless Steel-Z3cnd17-12
NT3 Stainless Steel-Z3cnd18-13
NT3 Stainless Steel-Z6cnd17-12
NT3 Stainless Steel-Zcnd17-13
NT3 Stainless Steel-Z6cnd17-13B
NT3 Stainless Steel-Z6cndt17-13B
NT3 Stainless Steel-Z6cnt18-10
NT3 Stainless Steel-Z8cnt18-10
NT3 Stainless Steel-Z6cnt18-12B
NT3 Steel-DIN-1-4449
NT3 Steel-DIN-1-4948
NT3 Steel-DIN-1-4970
NT3 Steel-DIN-1-4981
NT3 Steel-DIN-1-4988
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-42Kh2gsnm
NT3 Steel-Kh14k9n6m5
NT3 Steel-5Kh2mf
NT3 Steel-38Khmyua
NT3 Steel-000Kh18n13
NT3 Steel-1Kh18n9
NT3 Steel-7Kh18n9
NT3 Steel-Kh18n8
NT3 Steel-Kh18n9
NT3 Steel-Kh18n10
NT3 Steel-18Kh16n6
NT3 Steel-Kh23n18
NT3 Steel-1Kh16n4b
NT3 Steel-40Kh13n8g8
NT3 Steel-4Kh12n8g8mfb
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-20Kh2n2m
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh17n13m2t
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-0Kh18n9t
NT3 Steel-0Kh18n10t
NT3 Steel-0Kh19nt
NT3 Steel-0Kh21n5t
NT3 Steel-0Kh22n5t
NT3 Steel-1Kh18n9t
NT3 Steel-1Kh18n10t
NT3 Steel-Kh18n9t
NT3 Steel-Kh18n10t
NT3 Steel-Kh18n12t
NT3 Steel-2Kh18n8v2
NT3 Steel-1Kh16n14v2br Ehp17
NT3 Steel-4Kh14nv2m
NT3 Steel-3Kh15n13yu3
NT3 Steel-Kh14n8yum2
NT3 Steel-Kn15n9yu
NT3 Steel-Kn15n7yum2
NT3 Steel-OOOKh20n16ag6
NT3 Steel-X6crni1811
NT3 Timken Alloys
NT2 Crocar
NT2 Croloy
NT2 Magnet Steel-KS
NT2 Miduale
NT2 Stainless Steel-403
NT2 Stainless Steel-405
NT2 Stainless Steel-406
NT2 Stainless Steel-410
NT2 Stainless Steel-416
NT2 Stainless Steel-430
NT2 Stainless Steel-431
NT2 Stainless Steel-440
NT2 Stainless Steel-446
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh12
NT2 Steel-Kh13
NT2 Steel-Kh18
NT2 Steel-Kh25
NT2 Steel-40Kh
NT2 Steel-03Kh13ag13
NT2 Steel-Kh5m
NT2 Steel-Kh12m
NT2 Steel-12Kh1mf
NT2 Steel-40Khn
NT2 Steel-9Khs
NT2 Steel-1Kh12v2mf
NT1 Discaloy
NT1 Hastelloy C
NT1 Hastelloy F
NT1 Hastelloy N
NT1 Hastelloy S
NT1 Hastelloy X
NT1 Haynes 25 Alloy
NT1 Haynes 188 Alloy
NT1 Haynes Alloys
NT1 Haynes Stellite 6B
NT1 Haynes Stellite No 21
NT1 Hoskins 875
NT1 Illium
NT1 Incoloy Alloys
NT2 Incoloy 800
NT2 Incoloy 802
NT2 Incoloy 901
NT1 Inconel 671
NT1 Inconel Alloys
NT2 Inconel 82
NT2 Inconel 600
NT2 Inconel 617
NT2 Inconel 625
NT2 Inconel 643
NT2 Inconel 700
NT2 Inconel 702
NT2 Inconel 706
NT2 Inconel 718
NT2 Inconel 738
NT2 Inconel 713LC
NT2 Inconel X750
NT1 Inconel 713C
NT1 Inor-8
NT1 Kanthal
NT1 Konel
NT1 Magnesium Alloy-ZR
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Misco Metal
NT1 Ni-Hard
NT1 Ni-O-Nel
NT1 Nichrome
NT1 Nickel-Chromium Steels
NT2 Alloy-M-813
NT2 Steel-000Kh20n20
NT2 Steel-12Khn3
NT2 Steel-12Khn3a
NT2 Steel-Kh20n45b
NT2 Steel-12Kh2nch
NT2 Steel-40Khnma
NT2 Steel-20Khn3mf
NT2 Steel-Kh15n20m2t2
NT2 Steel-40Kh2n5sm
NT2 Steel-00Kh20n32t
NT2 Steel-37Khn3t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-18Kh2n4va
NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-N26kht1
NT2 Steel-N36khtyu
NT2 Steel-Vzh102
NT2 Sweetalloy
NT1 Nicrobraz 50
NT1 Nimonic
NT2 Nimonic 90
NT2 Nimonic PE16
NT1 Nimonic 105
NT1 Nimonic 115
NT1 Nimonic 80A
NT1 Refractaloy
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Rezistal
NT1 Sanicro 30
NT1 Sichromal Alloys
NT1 Sicromo 9M
NT1 Stainless Steels
NT2 Durco
NT2 Stainless Steel-16-8-2
NT2 Stainless Steel-18-8
NT2 Stainless Steel-18-10
NT2 Stainless Steel-20-25
NT2 Stainless Steel-301
NT2 Stainless Steel-302
NT2 Stainless Steel-304
NT2 Stainless Steel-305
NT2 Stainless Steel-308
NT2 Stainless Steel-309
NT2 Stainless Steel-310
NT2 Stainless Steel-316
NT2 Stainless Steel-317
NT2 Stainless Steel-318
NT2 Stainless Steel-321
NT2 Stainless Steel-329
NT2 Stainless Steel-330
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Stainless Steel-403
NT2 Stainless Steel-405
NT2 Stainless Steel-406
NT2 Stainless Steel-410
NT2 Stainless Steel-416
NT2 Stainless Steel-422
NT2 Stainless Steel-430
NT2 Stainless Steel-431
NT2 Stainless Steel-440
NT2 Stainless Steel-446
NT2 Stainless Steel-AM-350
NT2 Stainless Steel-19-9DL
NT2 Stainless Steel-Fv-548
NT2 Stainless Steel-304L
NT2 Stainless Steel-308L
NT2 Stainless Steel-316L
NT2 Stainless Steel-17-4PH
NT2 Stainless Steel-17-7Ph
NT2 Stainless Steel-Ph-15-7-Mo
NT2 Stainless Steel-309S
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z6cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z2cnd17-12
NT2 Stainless Steel-Z3cnd17-12
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4449
NT2 Steel-DIN-1-4948
NT2 Steel-DIN-1-6770
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh18
NT2 Steel-03Kh13ag13
NT2 Steel-0Kh18g8n2t
NT2 Steel-Kh14k9n6m5
NT2 Steel-000Kh18n13
NT2 Steel-000Kh20n20
NT2 Steel-7Kh18n9
NT2 Steel-Kh18n8
NT2 Steel-Kh18n9
NT2 Steel-18Kh16n6
NT2 Steel-Kh23n18
NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-40Kh13n8g8
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3

NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-40Kh2n5sm
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-00Kh20n32t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-2Kh18n8v2
NT2 Steel-4Kh14nv2m
NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-Kh14n8yum2
NT2 Steel-1Kh12v2mf
NT2 Steel-Kn15n9yu
NT2 Steel-Kn15n7yum2
NT2 Steel-N36khtyu
NT2 Steel-OOOKh20n16ag6
NT2 Steel-Vzh102
NT2 Steel-X6crni1811
NT2 Sweetalloy
NT2 Tenelon
NT2 Timken Alloys
NT1 Steel-40K14g18f
NT1 Steel-20Kh
NT1 Steel-60Kh3g8n8v
NT1 Steel-12Kh2mv8fb
NT1 Steel-Kh13s2yu2bt
NT1 Steel-12Kh2v5fb
NT1 Steel-R18
NT1 Stellite
NT2 Alloy-HS-21
NT2 Alloy-HS-25
NT2 Alloy-HS-31
NT1 Stellite 6
NT1 Stellite 156
NT1 Supertherm
NT1 TD-Nickel Chromium
NT1 Tophet
NT1 Tribaloy 400
NT1 Tribaloy 700
NT1 Tribaloy 800
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Vanstar 7
NT1 Vitallium
NT1 Waspaloy

CHROMIUM BASE ALLOYS [01]
BT1 Chromium Alloys
BT2 Alloys
NT1 HAVAR

CHROMIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Chromium Compounds
BT2 Transition Element Compounds

CHROMIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Chromium Compounds
BT2 Transition Element Compounds

CHROMIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Chromium Compounds
BT2 Transition Element Compounds

CHROMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Chromium Compounds
BT2 Transition Element Compounds

CHROMIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

CHROMIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Chromates
NT1 Chromic Acid
NT1 Chromium Borides
NT1 Chromium Bromides
NT1 Chromium Carbides
NT1 Chromium Chlorides
NT1 Chromium Fluorides
NT1 Chromium Hydrides
NT1 Chromium Hydroxides
NT1 Chromium Iodides
NT1 Chromium Nitrates
NT1 Chromium Nitrides
NT1 Chromium Oxides
NT1 Chromium Perchlorates
NT1 Chromium Phosphates
NT1 Chromium Selenides
NT1 Chromium Silicates
NT1 Chromium Silicides
NT1 Chromium Sulfates
NT1 Chromium Sulfides
NT1 Chromium Tellurides

CHROMIUM FLUORIDES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CHROMIUM HYDRIDES [01]
DA January 1975
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

CHROMIUM HYDROXIDES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CHROMIUM IODIDES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

CHROMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CHROMIUM ISOTOPES [01]
NT1 Chromium 43
NT1 Chromium 44
NT1 Chromium 45
NT1 Chromium 46
NT1 Chromium 47
NT1 Chromium 48
NT1 Chromium 49
NT1 Chromium 50
NT1 Chromium 51
NT1 Chromium 52
NT1 Chromium 53
NT1 Chromium 54
NT1 Chromium 55
NT1 Chromium 56
NT1 Chromium 57
NT1 Chromium 58

CHROMIUM-MOLYBDENUM STEELS [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
NT1 Alloy-HT-9
NT1 Steel-10Cd9-10
NT1 Steel-15Cd9-10
NT1 Steel-28CdV508
NT1 Steel-DIN-1-6770
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-15Khg2sfmr
NT1 Steel-42Kh2gsnm
NT1 Steel-Kh14k9n6m5
NT1 Steel-12Khm
NT1 Steel-5Kh2mf
NT1 Steel-15Kh1m1f
NT1 Steel-15Kh1m1fl
NT1 Steel-38Kh5msfa
NT1 Steel-38Khmyua
NT1 Steel Kh16n9m2
NT1 Steel-Kh17n5m3
NT1 Steel-40Khnma
NT1 Steel-0Kh16n15m3b
NT1 Steel-1Kh16n15m3b
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh15n20m2t2
NT1 Steel-Kh17n13m3t
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-2Kh8v8m2k8
NT1 Steel-Z10cdnbv9
NT1 Steel-Z10cdv7
DEF Steels containing Cr and Mo as main alloying elements; the Cr content is higher than Mo content.

CHROMIUM-NICKEL STEELS [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Nickel Alloys
BT2 Alloys
NT1 Alloy-CK-20
NT1 Carpenter
NT1 Durco
NT1 Enduro
NT1 Stainless Steel-18-8
NT1 Stainless Steel-18-10
NT1 Stainless Steel-301
NT1 Stainless Steel-302
NT1 Stainless Steel-304
NT1 Stainless Steel-305
NT1 Stainless Steel-308
NT1 Stainless Steel-309
NT1 Stainless Steel-310
NT1 Stainless Steel-316
NT1 Stainless Steel-321
NT1 Stainless Steel-329
NT1 Stainless Steel-347
NT1 Stainless Steel-348
NT1 Stainless Steel-AM-350
NT1 Stainless Steel-19-9DL
NT1 Stainless Steel-304L
NT1 Stainless Steel-17-7Ph
NT1 Stainless Steel-Ph-15-7-Mo
NT1 Stainless Steel-309S
NT1 Stainless Steel-Z3cmn18-8-6N
NT1 Stainless Steel-Z2cn18-10
NT1 Stainless Steel-Z6cn18-10
NT1 Stainless Steel-Z2cn18-10N
NT1 Stainless Steel-Z2cnd17-12
NT1 Stainless Steel-Z3cnd17-12
NT1 Stainless Steel-Z3cnd18-13
NT1 Stainless Steel-Z6cnd17-12
NT1 Stainless Steel-Zcnd17-13
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Stainless Steel-Z6cnt18-10
NT1 Stainless Steel-Z8cnt18-10
NT1 Stainless Steel-Z6cnt18-12B

NT1 Steel-DIN-1-4449
NT1 Steel-DIN-1-4948
NT1 Steel-DIN-1-4970
NT1 Steel-DIN-1-4981
NT1 Steel-DIN-1-4988
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-42Kh2gsnm
NT1 Steel-Kh14k9n6m5
NT1 Steel-5Kh2mf
NT1 Steel-38Khmyua
NT1 Steel-000Kh18n13
NT1 Steel-1Kh18n9
NT1 Steel-7Kh18n9
NT1 Steel-Kh18n8
NT1 Steel-Kh18n9
NT1 Steel-Kh18n10
NT1 Steel-18Kh16n6
NT1 Steel-Kh23n18
NT1 Steel-1Kh16n4b
NT1 Steel-40Kh13n8g8
NT1 Steel-4Kh12n8g8mfb
NT1 Steel Kh16n9m2
NT1 Steel-Kh17n5m3
NT1 Steel-20Kh2n2m
NT1 Steel-0Kh16n15m3b
NT1 Steel-1Kh16n15m3b
NT1 Steel-Kh16n15m3b
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh17n13m2t
NT1 Steel-Kh17n13m3t
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-0Kh18n9t
NT1 Steel-0Kh18n10t
NT1 Steel-0Kh19nt
NT1 Steel-0Kh21n5t
NT1 Steel-0Kh22n5t
NT1 Steel-1Kh18n9t
NT1 Steel-1Kh18n10t
NT1 Steel-Kh18n9t
NT1 Steel-Kh18n10t
NT1 Steel-Kh18n12t
NT1 Steel-2Kh18n8v2
NT1 Steel-1Kh16n14v2br Ehp17
NT1 Steel-4Kh14nv2m
NT1 Steel-3Kh15n13yu3
NT1 Steel-Kh14n8yum2
NT1 Steel-Kn15n9yu
NT1 Steel-Kn15n7yum2
NT1 Steel-OOOKh20n16ag6
NT1 Steel-X6crni1811
NT1 Timken Alloys
RT Nickel-Chromium Steels
RT Stainless Steels
DEF Steels containing Cr and Ni as main alloying elements; the Cr content is higher than Ni content.

CHROMIUM NITRATES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CHROMIUM NITRIDES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CHROMIUM ORES [01]
BT1 Ores

CHROMIUM OXIDES [01]
UF+ *Lanthanum Chromites*
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Black Chrome
RT Chromates
RT Chromic Acid

CHROMIUM PERCHLORATES
DA April 1977
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

CHROMIUM PHOSPHATES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

CHROMIUM 52 REACTIONS [01]
DA June 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CHROMIUM 54 REACTIONS [01]
DA April 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

CHROMIUM SELENIDES [01]
DA August 1976
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

CHROMIUM SILICATES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

CHROMIUM SILICIDES
DA January 1975
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

CHROMIUM STEELS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
NT1 Chromium-Molybdenum Steels
NT2 Alloy-HT-9
NT2 Steel-10Cd9-10
NT2 Steel-15Cd9-10
NT2 Steel-28CdV508
NT2 Steel-DIN-1-6770
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-15Khg2sfmr
NT2 Steel-42Kh2gsnm
NT2 Steel-Kh14k9n6m5
NT2 Steel-12Khm
NT2 Steel-5Kh2mf
NT2 Steel-15Kh1m1f
NT2 Steel-15Kh1m1fl
NT2 Steel-38Kh5msfa
NT2 Steel-38Khmyua
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-40Khnma
NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-2Kh8v8m2k8
NT2 Steel-Z10cdnbv9
NT2 Steel-Z10cdv7
NT1 Chromium-Nickel Steels
NT2 Alloy-CK-20
NT2 Carpenter
NT2 Durco
NT2 Enduro
NT2 Stainless Steel-18-8
NT2 Stainless Steel-18-10
NT2 Stainless Steel-301
NT2 Stainless Steel-302
NT2 Stainless Steel-304
NT2 Stainless Steel-305
NT2 Stainless Steel-308
NT2 Stainless Steel-309
NT2 Stainless Steel-310
NT2 Stainless Steel-316
NT2 Stainless Steel-321
NT2 Stainless Steel-329
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Stainless Steel-AM-350
NT2 Stainless Steel-19-9DL
NT2 Stainless Steel-304L
NT2 Stainless Steel-17-7Ph
NT2 Stainless Steel-Ph-15-7-Mo
NT2 Stainless Steel-309S
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z6cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z2cnd17-12
NT2 Stainless Steel-Z3cnd17-12
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4449
NT2 Steel-DIN-1-4948
NT2 Steel-DIN-1-4970
NT2 Steel-DIN-1-4981
NT2 Steel-DIN-1-4988
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-42Kh2gsnm
NT2 Steel-Kh14k9n6m5
NT2 Steel-5Kh2mf
NT2 Steel-38Khmyua
NT2 Steel-000Kh18n13
NT2 Steel-1Kh18n9
NT2 Steel-7Kh18n9
NT2 Steel-Kh18n8
NT2 Steel-Kh18n9
NT2 Steel-Kh18n10
NT2 Steel-18Kh16n6
NT2 Steel-Kh23n18
NT2 Steel-1Kh16n4b
NT2 Steel-40Kh13n8g8
NT2 Steel-4Kh12n8g8mfb
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-20Kh2n2m
NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-0Kh19nt
NT2 Steel-0Kh21n5t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-2Kh18n8v2
NT2 Steel-1Kh16n14v2br Ehp17
NT2 Steel-4Kh14nv2m
NT2 Steel-3Kh15n13yu3
NT2 Steel-Kh14n8yum2
NT2 Steel-Kn15n9yu
NT2 Steel-Kn15n7yum2
NT2 Steel-OOOKh20n16ag6
NT2 Steel-X6crni1811
NT2 Timken Alloys
NT1 Crocar

NT1 Croloy
NT1 Magnet Steel-KS
NT1 Miduale
NT1 Stainless Steel-403
NT1 Stainless Steel-405
NT1 Stainless Steel-406
NT1 Stainless Steel-410
NT1 Stainless Steel-416
NT1 Stainless Steel-430
NT1 Stainless Steel-431
NT1 Stainless Steel-440
NT1 Stainless Steel-446
NT1 Steel-000Kh25
NT1 Steel-000Kh28
NT1 Steel-2Kh13
NT1 Steel-9Kh18
NT1 Steel-Kh12
NT1 Steel-Kh13
NT1 Steel-Kh18
NT1 Steel-Kh25
NT1 Steel-40Kh
NT1 Steel-03Kh13ag13
NT1 Steel-Kh5m
NT1 Steel-Kh12m
NT1 Steel-12Kh1mf
NT1 Steel-40Khn
NT1 Steel-9Khs
NT1 Steel-1Kh12v2mf
RT Stainless Steels
DEF Steels containing Cr as main alloying element.

CHROMIUM SULFATES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CHROMIUM SULFIDES [01]
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CHROMIUM 50 TARGET [01]
DA July 1976
BT1 Targets

CHROMIUM 52 TARGET [01]
DA July 1976
BT1 Targets

CHROMIUM 53 TARGET [01]
DA July 1976
BT1 Targets

CHROMIUM 54 TARGET [01]
DA July 1976
BT1 Targets

CHROMIUM TELLURIDES [01]
DA June 1978
BT1 Chromium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Chromizing
USE Diffusion Coating

Chromodynamics
DA November 1977
USE Quantum Chromodynamics

CHROMOSOMAL ABERRATIONS [01]
UF *Abnormalities (Chromosomal)*
UF *Chromatid Deletions*
UF *Chromosome Aberrations*
UF *Chromosome Exchanges*
UF *Chromosome Fragments*
UF *Deletions (Chromosomal)*
UF *Reciprocal Translocations*
BT1 Mutations
NT1 Chromosome Breakage
RT Acrocentric Chromosomes
RT Banding Techniques
RT Biological Indicators
RT Chromosomes
RT Dicentric Chromosomes
RT Downs Syndrome
RT Genetic Control
RT Heterochromosomes
RT Karyotype

Chromosome Aberrations
USE Chromosomal Aberrations

CHROMOSOME BREAKAGE [01]
BT1 Chromosomal Aberrations
BT2 Mutations
RT Heterochromatin

Chromosome Exchanges
USE Chromosomal Aberrations

Chromosome Fragments
USE Chromosomal Aberrations

CHROMOSOME LOSSES [01]
DA June 1976
RT Chromosomes

CHROMOSOMES [01]
NT1 Acrocentric Chromosomes
NT1 Dicentric Chromosomes
NT1 Heterochromosomes
NT1 Philadelphia Chromosome
NT1 Ring Chromosomes
NT1 X-Chromosomes
RT Banding Techniques
RT Cell Nuclei
RT Chromatids
RT Chromatin
RT Chromosomal Aberrations
RT Chromosome Losses
RT Crossing-Over
RT DNA
RT Genes
RT Genetic Effects
RT Genetic Mapping
RT Karyotype
RT Mitosis
RT Nucleoli

CHROMOSPHERE [01]
BT1 Solar Atmosphere
BT2 Atmospheres
RT Photosphere
RT Plages
RT Sun

CHROMOTROPIC ACID [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Dyes

Chronic Administration
USE Chronic Intake

CHRONIC EXPOSURE
DA June 1978
NT1 Chronic Irradiation
RT Biological Effects
RT Biological Stress
RT Toxicity

CHRONIC INTAKE [01]
UF *Chronic Administration*
UF *Continuous Intake*
UF *Long Term Intake*
BT1 Intake
RT Chronic Irradiation

CHRONIC IRRADIATION [01]
UF *Continuous Irradiation*
UF *Long Term Irradiation*
UF *Protracted Irradiation*
BT1 Chronic Exposure
BT1 Irradiation
RT Chronic Intake
RT Low Dose Irradiation
RT Radiation Syndrome
RT Temporal Dose Distributions

Chronic Radiation Effects
USE Delayed Radiation Effects

CHRONOTRONS [01]
BT1 Time Interval Analyzers
BT2 Measuring Instruments
NT1 Vernier Chronotrons

CHRYSENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Chubu-1 Reactor
USE Hamaoka-1 Reactor

Chubu-2 Reactor
USE Hamaoka-2 Reactor

Chubu-3 Reactor
USE Hamaoka-3 Reactor

Chugoku Electric Power Company Reactor
USE Shimane-1 Reactor

Chugoku-1 Reactor
USE Shimane-1 Reactor

Chukotka Reactor
USE Bilibin Reactor

CHYLOMICRONS [01]
RT Blood Plasma
RT Lipids

CHYMOTRYPSIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Digestion
RT Pancreas

CII COMPUTERS [01]
DA June 1975
BT1 Digital Computers
BT2 Computers

CIM MODEL [01]
DA April 1978
UF *Constituent Interchange Model*
BT1 Composite Models
BT2 Particle Models
BT3 Mathematical Models
RT Exchange Interactions
RT Hadrons
RT Quantum Chromodynamics
RT Quark-Hadron Interactions
RT Strong Interactions
DEF Constituent interchange model shows importance of forces involving the interchange of constituents of hadrons and accounts for very strong binding force in color singlet states.

CIMARRON PLUTONIUM PRODUCTION PLANT
DA February 1975
BT1 Industrial Plants
BT1 Nuclear Facilities
RT Cimarron Uranium Fuel Plant

CIMARRON URANIUM FUEL PLANT
DA November 1975
BT1 Fuel Fabrication Plants
BT2 Nuclear Facilities
RT Cimarron Plutonium Production Plant

CINCHONINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Antipyretics
BT2 Drugs
RT Quinolines

CINDA [01]
(Computer Index of Neutron Data.)
BT1 Information Systems
RT Cross Sections

RT Data
RT Neutrons

CINNABAR
DA March 1977
BT1 Mercury Sulfides
BT2 Mercury Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Minerals
DEF HgS mineral.

CINNAMIC ACID [01]
UF *Phenylacrylic Acid-Beta*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

CIR Reactor
USE Cirus Reactor

Circadian Variations
USE Daily Variations

CIRCE DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
NT1 CIRCE-25Kw Device

CIRCE-25KW DEVICE [01]
BT1 CIRCE Devices
BT2 Magnetic Mirrors
BT3 Open Plasma Devices
BT4 Thermonuclear Devices

CIRCUIT BREAKERS [01]
UF *Breakers (Circuit)*
BT1 Electrical Equipment
BT2 Equipment
BT1 Equipment Protection Devices
RT Current Limiters
RT Electric Fuses
RT Electronic Circuits
RT Lightning Arresters
RT Switches
RT Switching Circuits

CIRCUIT THEORY [01]
RT Electronic Circuits

Circuits (Electronic)
USE Electronic Circuits

Circuits (Magnetic)
USE Magnetic Circuits

CIRCULAR CONFIGURATION [01]
BT1 Configuration

Circular Point Collectors
DA October 1978
USE Parabolic Dish Collectors

Circulation (Blood)
USE Blood Circulation

CIRENE REACTOR [01]
BT1 HWLWR Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CIRUS REACTOR [01]
UF *Canada-India Reactor*
UF *CIR Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors

CISE [01]
BT1 Italian Organizations
BT2 National Organizations

Cistrons
USE Genes

CIT Synchrotron
USE Caltech Synchrotron

Cities
USE Urban Areas

CITRATE PROCESS
DA January 1975
RT Desulfurization
DEF Process for clean up of tail gas emissions from sulfur recovery plants, e.g., Claus process plant.

CITRATES [01]
UF+ *Sodium Citrates*
BT1 Carboxylic Acid Salts
RT Citric Acid Esters

CITRIC ACID [01]
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

CITRIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Citrates

CITROVORUM FACTOR [01]
UF *Folinic Acid*
UF *Leucovorin*
RT Folic Acid
RT Vitamin B Group

CITRULLINE [01]
UF *Ureidoaminovaleric Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Urea

CITRUS [01]
BT1 Plants
RT Fruit Trees
RT Grapefruits
RT Lemons
RT Oranges

CIVEX PROCESS [01]
DA June 1978
BT1 Reprocessing
BT2 Separation Processes
RT FBR Type Reactors
RT Nuclear Materials Diversion
RT Plutonium Recycle

CIVIL DEFENSE [01]
BT1 National Defense
RT Human Populations
RT Local Fallout
RT Nuclear Explosions
RT Nuclear Weapons
RT Population Relocation
RT Radiation Protection
RT Safety
RT Shelters
RT Subsurface Structures

CIVIL LIABILITY [01]
BT1 Liabilities
RT BCOCLMCNM
RT BCOLONS
RT BCSTPC
RT PCOTPL
RT Price-Anderson Act
RT SOLAS Convention
RT VCOCLND
RT Workmens Compensation

CLADDING [01]
(For the process only.)
BT1 Surface Coating
BT2 Deposition
RT Canning
RT Decladding
RT Fuel Cans
RT Hard Facing
RT Plating
RT Rolling

Cladding-Fuel Interactions
USE Fuel-Cladding Interactions

CLAISEN CONDENSATION [01]
BT1 Chemical Reactions
RT Esters

Clams
USE Molluscs

CLARKEITE [01]
BT1 Potassium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Potassium Compounds
BT3 Alkali Metal Compounds
BT1 Sodium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

CLASP DEVICE [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

CLASSICAL MECHANICS [01]
UF *Newton Mechanics*
BT1 Mechanics
RT Hamiltonian Function

CLASSIFICATION
DA April 1976
RT Chemical Analysis
RT Particle Size Classifiers
RT Sorting

CLATHRATES [01]
UF *Inclusion Complexes*
UF *Intercalates*
UF *Occlusion Complexes*
RT Adducts
RT Crystals
RT Matrix Isolation
RT Organic Compounds
RT Rare Gases

CLAUS PROCESS
DA January 1975
RT Desulfurization
DEF A process for recovery of elemental sulfur from H_2S gas. Oxygen reacts with the H_2S to produce dry sulfur and steam.

CLAVICEPS [01]
BT1 Fungi
BT2 Plants
BT1 Parasites
RT Rye

CLAYS [01]
BT1 Minerals
NT1 Attapulgite
NT1 Fullers Earth
NT1 Illite
NT1 Kaolin
NT1 Montmorillonite
RT Adobe
RT Alluvial Deposits
RT Ceramics
RT Decontamination
RT Ground Water
RT Loam
RT Marlstone
RT Radionuclide Migration
RT Sand
RT Soils

CLEAN AIR ACT
DA March 1976
BT1 Pollution Laws
BT2 Laws
RT Air Pollution
RT Air Quality
RT Environment
RT Environmental Policy

CLEAN COKE PROCESS
DA March 1976
RT Carbonization
RT Coking
RT Hydrogenation
DEF Process that combines carbonization and hydrogenation reactions to convert nonmetallurgical-grade coals to low-sulfur metallurgical coke, chemical feedstocks;and liquid and gaseous fuels. Carbonization is carried out at 650 to 760°C with a fluidizing gas containing 33% hydrogen.

Clean Fuel from Coal Process
DA August 1976
USE CFFC Process

CLEAN ROOMS
DA August 1979
RT Contamination
RT Controlled Atmospheres

CLEANAIR PROCESS
DA January 1975
RT Desulfurization
DEF Process for recovery of 99.9% of S from Claus plant tail gas, leaving no more than 200 ppM SO_2 equivalent in the effluent.

CLEANING [01]
NT1 Air Cleaning
NT1 Decontamination
NT1 Surface Cleaning
NT1 Washing
RT Coal Preparation
RT Deashing
RT Decarbonization
RT Detergents
RT Dishwashers
RT Electropolishing
RT Purification
RT Stains

CLEARANCE [01]
NT1 Blood-Plasma Clearance
NT1 Excretion
NT2 Exhalation
NT2 Lung Clearance
NT2 Renal Clearance

Clearance (Renal)
USE Renal Clearance

CLEAVAGE [01]
BT1 Microstructure
BT2 Crystal Structure
RT Crystal Growth
RT Crystallization

CLEBSCH-GORDAN COEFFICIENTS [01]
UF *3J-Symbols*
RT Angular Momentum
RT Group Theory
RT Racah Coefficients
RT Wigner Coefficients

CLEMENTINE REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Mercury Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

CLEO STELLARATOR [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
RT Proto-Cleo Stellarators

CLEVELAND [01]
BT1 Ohio
BT2 Great Lakes Region
BT2 USA
BT3 North America

CLIFFORD ALGEBRA [01]
RT Group Theory

CLIMATES [01]
RT Antarctic Regions
RT Arctic Regions
RT Atmospheric Precipitations
RT Degree Days
RT Deserts
RT Meteorology
RT Seasons
RT Tropical Regions
RT Tundra
RT Weather
RT Wind

CLINCH RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Tennessee

CLINCH RIVER BREEDER REACTOR [01]
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

CLINOPTILOLITE [01]
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A zeolite mineral: $(Ca,Na_2,K_2)O.Al_2O_3.10SiO_2.7H_2O$.

Clinton P. Anderson Meson Physics Facility
DA April 1975
USE LAMPF Linac

CLINTON-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CLINTON-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Clipping Circuits
USE Pulse Shapers

CLONE CELLS [01]
BT1 Cell Cultures
RT Animal Cells
RT Cloning
RT Hela Cells
RT In Vitro
RT L Cells
RT Plant Cells
RT Plaque Formation

CLONING [01]
DA November 1977
NT1 DNA-Cloning
NT1 Vegetative Propagation
RT Cell Cultures
RT Cell Proliferation
RT Clone Cells
RT Colony Formation

Close-In Fallout
USE Local Fallout

CLOSED CONFIGURATIONS [01]
UF *Magnetic Traps (Closed)*
BT1 Magnetic Field Configurations
NT1 Mayer-Schmidt Configurations
NT1 Minimum Average-B Configurations
NT1 Multipolar Configurations
NT2 Hexapolar Configurations
NT2 Octupolar Configurations
NT2 Quadrupolar Configurations
RT Closed Plasma Devices
RT Toroidal Configuration

CLOSED-CYCLE COOLING SYSTEMS [01]
DA February 1975
UF+ *Dry-Type Cooling Towers*
BT1 Cooling Systems
RT Closed-Cycle Systems
RT Coolant Loops
RT Cooling Towers

CLOSED-CYCLE MHD GENERATORS [01]
BT1 MHD Generators
BT2 Direct Energy Converters
RT Open-Cycle MHD Generators

CLOSED-CYCLE SYSTEMS
DA December 1975
RT Closed-Cycle Cooling Systems

CLOSED-LOOP CONTROL [01]
DA November 1976
BT1 Control

CLOSED PLASMA DEVICES [01]
BT1 Thermonuclear Devices
NT1 ASTRON
NT1 Blascon Devices
NT1 Heliotron
NT1 Internal Ring Devices
NT2 FM Devices

NT2 Levitron Devices
NT2 LM Devices
NT2 Spherator
NT2 Stator-B Device
NT2 Tokapole Devices
NT2 Tornado Devices
NT1 Stellarators
NT2 Clasp Device
NT2 Cleo Stellarator
NT2 Harmonica-2 Device
NT2 JIPP Stellarator
NT2 L-1 Stellarator
NT2 L-2 Stellarator
NT2 Proto-Cleo Stellarators
NT2 Pulsator Stellarator
NT2 Sirius Device
NT2 Stellarator Model C
NT2 TOR Devices
NT2 Torsatron
NT2 Torsatron Stellarator
NT3 Vint Torsatron
NT2 Uragan Stellarator
NT2 W Stellarators
NT2 Wega Stellarator
NT2 Wendelstein-2B Stellarator
NT2 Wendelstein-7 Stellarator
NT1 Tokamak Devices
NT2 Alcator Device
NT2 Asdex Tokamak
NT2 ATC Devices
NT2 Doublet-1 Device
NT2 Doublet-2 Device
NT2 JFT-2A Tokamak
NT2 JFT-2 Tokamak
NT2 LT-3 Tokamak
NT2 Ormak Devices
NT2 Petula Tokamak
NT2 Pulsator Devices
NT2 Smartor Device
NT2 ST Tokamak
NT2 TEXT Devices
NT2 TEXTOR Tokamak
NT2 TFR Tokamak
NT2 Tokapole Devices
NT2 Tormac Devices
NT2 Torus-II Tokamak
NT2 Tuman Devices
NT2 Two-Component Torus
NT1 Toroidal Pinch Devices
NT2 TLP Devices
NT3 Alpha Device
NT3 Zeta Devices
NT2 Toroidal Screw Pinch Devices
NT3 HBTX Devices
NT2 Toroidal Theta Pinch Devices
NT3 Scyllac Devices
RT Aspect Ratio
RT Closed Configurations
RT Trapped-Particle Instability

CLOSTRIDIUM [01]
BT1 Bacteria
BT2 Microorganisms
NT1 Clostridium Botulinum
NT1 Clostridium Perfringens
RT Proteolysis
RT Toxins

CLOSTRIDIUM BOTULINUM [01]
BT1 Clostridium
BT2 Bacteria
BT3 Microorganisms

CLOSTRIDIUM PERFRINGENS [01]
UF *Clostridium Welchii*
BT1 Clostridium
BT2 Bacteria
BT3 Microorganisms

Clostridium Welchii
USE Clostridium Perfringens

CLOSURES [01]
UF *Plugs*
RT Joints
RT Seals
RT Valves

CLOTHES DRYERS
DA June 1977
UF *Dryers, Clothes*
BT1 Appliances
BT1 Dryers
RT Clothing

CLOTHES WASHERS
DA June 1977
UF *Washers, Clothes*
BT1 Electric Appliances
BT2 Appliances
BT1 Gas Appliances
BT2 Appliances
RT Clothing
RT Laundries

CLOTHING [01]
UF *Shoes*
NT1 Protective Clothing
NT2 Gloves
RT Clothes Dryers
RT Clothes Washers
RT Textiles

CLOUD CHAMBERS [01]
BT1 Gas Track Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Diffusion Chambers
NT1 Expansion Chambers

CLOUD COVER
DA January 1975
UF *Cloudiness (Meteorology)*
RT Meteorology
RT Storms

Cloudiness (Meteorology)
DA January 1975
USE Cloud Cover

CLOUDS [01]
(Limited to clouds in the earth atmosphere; for interstellar clouds see COSMIC DUST or COSMIC GASES.)
NT1 Noctilucent Clouds
NT1 Radioactive Clouds
RT Atmospheric Precipitations
RT Meteorology
RT Storms
RT Water
RT Weather

CLOUDY CRYSTAL BALL MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Optical Models

CLOVER [01]
BT1 Leguminosae
BT2 Plants
RT Forage

CLUSTER BEAM INJECTION [01]
BT1 Beam Injection
RT Cluster Beams

CLUSTER BEAMS [01]
DA August 1976
BT1 Beams
RT Cluster Beam Injection

CLUSTER EMISSION MODEL [01]
DA October 1975
UF *Hadronic Clusters*
BT1 Multiperipheral Model
BT2 Peripheral Models
BT3 Particle Models
BT4 Mathematical Models
NT1 Space-Time Model
RT Charge-Exchange Interactions
RT Fireball Model
RT Multiple Production
RT Pionization
DEF A particle interaction model describing the emission of clusters having the potential to transfer charge from one center of mass hemisphere to the other depending upon the rapidities of the clusters.

CLUSTER EXPANSION [01]
RT Differential Equations

CLUSTER MODEL [01]
UF *Alpha Particle Model*
BT1 Nuclear Models
BT2 Mathematical Models
RT Quartet Model

Clusters (Fuel Elements)
USE Fuel Element Clusters

Clusters (Galaxy)
USE Galaxy Clusters

Clusters (Ion)
USE Ion Pairs

Clusters (Solid)
USE Solid Clusters

Clusters (Star)
USE Star Clusters

CMEA
DA May 1979
USE COMECON

CML REACTOR [01]
UF *Critical Mass Laboratory PNL*
UF *PNL-CML Reactor*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

CNA Reactor
USE Atucha Reactor

CNEN [01]
UF *Comitato Nazionale per l'* $\sim\Omega_7\omega_9{}^+{}_3$ $\sigma\Sigma_6\gamma_{73}\omega_7$
BT1 Italian Organizations
BT2 National Organizations

CNIDARIA [01]
UF *Coelenterata*
BT1 Invertebrates
BT2 Animals
NT1 Corals
NT1 Hydra

CNO CYCLE [01]
(Astrophysical processes only.)
DA October 1978
UF *Bethe-Wiezsaecker Cycle*
UF *Carbon-Nitrogen-Oxygen Cycle*
BT1 Star Burning
RT Main Sequence Stars
RT Nucleosynthesis
RT Star Evolution
RT Star Models

CO2 Flooding
DA August 1978
USE Carbon Dioxide Injection

CO-GENERATION
DA January 1977
UF *Combined Steam-Power Generation*
BT1 DEUS
BT1 Power Generation
BT1 Steam Generation
RT District Heating
RT Dual-Purpose Power Plants
RT Energy Cascade
RT Refuse-Fueled Power Plants
RT Thermal Transmission ICES
RT Total Energy Systems
RT Waste Heat Boilers
DEF Power generation combined with either steam generation or hot water production (for district heating or other use).

Coagulation (Blood)
USE Blood Coagulation

Coagulation (Colloid)
DA June 1975
USE Flocculation

COAL [01]
BT1 Carbonaceous Materials
BT1 Fossil Fuels

BT2 Energy Sources
BT2 Fuels
NT1 Black Coal
NT2 Anthracite
NT2 Bituminous Coal
NT1 Brown Coal
NT2 Lignite
NT1 Sapropelic Coal
NT2 Boghead Coal
NT3 Torbanite
NT2 Cannel Coal
NT1 Subbituminous Coal
RT Chars
RT Coal Deposits
RT Coal Extracts
RT Coal Fines
RT Coal-Fired MHD Generators
RT Coal Gas
RT Coal Gasification
RT Coal Liquefaction
RT Coal Pastes
RT Coal Rank
RT Coal Reserves
RT Coalification
RT Coke
RT Coking
RT Fluidized-Bed Combustion
RT Fluidized-Bed Combustors
RT Gasification
RT Lithotypes
RT Macerals
RT Peat
RT Rexco Process
RT Slurry Pipelines
RT Solvent-Refined Coal
RT Soot
RT Stokers
RT Volatile Matter

COAL DEPOSITS
DA January 1975
BT1 Geologic Deposits
BT1 Resources
NT1 Coal Seams
RT Coal
RT Coal Reserves
RT Geophysical Surveys
RT Well Logging Equipment

Coal-Derived Liquids
DA December 1976
USE Coal Liquids

COAL EXTRACTS
DA January 1975
RT Coal

COAL FINES
DA January 1975
RT Briquets
RT Coal

COAL-FIRED MHD GENERATORS
DA February 1975
BT1 MHD Generators
BT2 Direct Energy Converters
NT1 MHD Generator CDIF
NT1 MHD Generator CFFF
NT1 MHD Generator ETF
NT1 MHD Generator UTSI
RT Coal
RT Seed-Slag Interactions
RT Spent Seed

COAL FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

COAL GAS
DA January 1975
UF *Coke-Oven Gas*
BT1 Gases
BT2 Fluids
RT Coal
RT Town Gas

COAL GASIFICATION
DA February 1975
BT1 Gasification
BT2 Thermochemical Processes
NT1 Agglomerating Ash Process
NT1 Arc Coal Process
NT1 Atgas Process
NT1 AVG Process
NT1 Babcock and Wilcox-DuPont Process
NT1 Bi-Gas Process
NT1 Bubiag-Didier Process
NT1 Carbon Dioxide Acceptor Process
NT1 CE Entrained Fuel Process
NT1 COGAS Process
NT1 Combined-Cycle FW Process
NT1 Consol Synthetic Gas Process
NT1 Exxon Gasification Process
NT1 Flash Hydropyrolysis Process
NT1 FW-Stoic Process
NT1 GEGAS Process
NT1 Hydrane Process
NT1 Hygas Process
NT1 I G Process
NT1 Kellogg Process
NT1 Koppers Process
NT1 Koppers-Totzek Process
NT1 Lichtenberg Process
NT1 Liquid Phase Methanation Process
NT1 Lurgi Process
NT1 Lurgi Slagging Process
NT1 McDowell-Wellman Process
NT1 MERC Process
NT1 Molten Salt Coal Gasification Process
NT1 Moving-Burden Process
NT1 Occidental Flash Pyrolysis Process
NT1 Panindco Process
NT1 Patgas Process
NT1 Riley-Morgan Process
NT1 Rockgas Process
NT1 Rombach Process
NT1 Saarberg-Otto Gasification Process
NT1 Schmalfeldt-Wintershall Process
NT1 Seacoke Process
NT1 Stone and Webster Gasification Process
NT1 Synthane Process
NT1 Texaco Gasification Process
NT1 Thyssen-Galocsy Process
NT1 Tosco-Dyne Process
NT1 Toscoal Process
NT1 Tri-Gas Process
NT1 U-Gas Process
NT1 Wellman-Incandescent Process
NT1 Westinghouse Gasification Process
NT1 Wilputte Process
NT1 Winkler Process
NT1 Woodall-Duckham Process
NT1 Zhuravlev Process
RT Coal
RT Coal Gasification Plants
RT Coalcon Process
RT CS-SR Process
RT CSIRO Process
RT Fluidized Bed Refuse Gasification
RT Gasoline Plants
RT In-Situ Gasification
RT Methanol Plants
RT Otto Rummel Slag Bath Process
RT RMProcess
RT Shift Processes
RT SNG Processes
RT Sulfur Meters
RT Synthetic Fuels
RT Thunderbird Project
RT Wellman-Galusha Process

COAL GASIFICATION PLANTS
DA November 1975
BT1 Industrial Plants
RT Coal Gasification

COAL INDUSTRY
DA April 1975
BT1 Industry
RT Mineral Industry

COAL LIQUEFACTION
DA January 1975
UF *Riser Cracking*
BT1 Liquefaction
BT2 Thermochemical Processes
NT1 ADL Process
NT1 Bergius Process
NT1 Catalytic Hydrosolvation Process
NT1 CFFC Process
NT1 COED Process
NT1 Coil Process
NT1 Costeam Process
NT1 CSF Process
NT1 Dow Liquefaction Process
NT1 Exxon Liquefaction Process
NT1 Flash Hydropyrolysis Process
NT1 H-Coal Process
NT1 Occidental Flash Pyrolysis Process
NT1 Pamco Process
NT1 Pott-Broche Process
NT1 Sasol Process
NT1 SRC-II Process
NT1 Supercritical Gas Extraction
NT1 Synthoil Process
NT1 Synthol Process
NT1 Uhde-Pfirrmann Process
NT1 Zinc Halide Process
RT Coal
RT Coal Liquefaction Plants
RT Coal Liquids
RT CS-SR Process
RT Synthetic Fuels

COAL LIQUEFACTION PLANTS
DA February 1976
BT1 Industrial Plants
RT Coal Liquefaction

COAL LIQUIDS
DA February 1976
UF *Coal-Derived Liquids*
RT Coal Liquefaction
RT Liquid Fuels
RT Pyrolytic Oils
RT Supercritical Gas Extraction

COAL MINERS
DA March 1976
BT1 Miners
BT2 Personnel
RT Life Support Systems

COAL MINES
DA June 1975
UF *Collieries*
BT1 Mines
RT Abandoned Shafts
RT Backfilling
RT Coal Mining
RT Heading Machines
RT Mine Draining
RT Rock Dusting

COAL MINING
DA February 1975
BT1 Mining
RT Acid Mine Drainage
RT Coal Mines
RT Cross-Ridge Mining
RT Cutter Loaders
RT Longwall Mining
RT Room and Pillar Mining
RT Shortwall Mining
RT Surface Mining
RT Underground Mining

COAL PASTES
DA January 1975
RT Coal

Coal Planers
DA June 1979
USE Coal Plows

Coal Ploughs
DA June 1979
USE Coal Plows

COAL PLOWS
DA June 1979
UF *Coal Planers*
UF *Coal Ploughs*
UF *Plows (Coal)*

BT1 Cutter Loaders
BT2 Mining Equipment
BT3 Equipment

COAL PREPARATION
DA August 1975
BT1 Comminution
RT BOM-ERDA Process
RT Cleaning
RT Coal Preparation Plants
RT Convertol Process
RT Crushing
RT Drying
RT Flotation
RT Hazen Process
RT JPL Process
RT KVB Process
RT TRW Process
RT Washing
RT Water Removal
DEF Grinding, screening, powdering, cleaning, etc., to prepare coal for industrial uses.

COAL PREPARATION PLANTS
DA June 1976
SF *Solvent-Refining Coal Plants*
BT1 Industrial Plants
RT Coal Preparation
RT Solvent-Refined Coal

COAL RANK
DA January 1975
RT Coal
RT Coalification
DEF The degree of metamorphosis that the original plant debris has undergone during the geological ages since it was deposited.

COAL RESERVES
DA January 1975
BT1 Reserves
BT2 Resources
RT Coal
RT Coal Deposits

COAL SEAMS
DA May 1978
BT1 Coal Deposits
BT2 Geologic Deposits
BT2 Resources
RT Geologic Strata
RT Water Influx

COAL TAR [01]
BT1 Tar
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Bituminous Materials
RT Coal Tar Acids
RT Coal Tar Bases
RT Coal Tar Oils

COAL TAR ACIDS
DA April 1976
BT1 Organic Acids
BT2 Organic Compounds
RT Coal Tar
RT Coal Tar Oils

COAL TAR BASES
DA April 1976
BT1 Bases
BT1 Organic Compounds
RT Coal Tar
RT Coal Tar Oils

COAL TAR OILS
DA January 1975
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
NT1 Naphtha
RT Coal Tar
RT Coal Tar Acids
RT Coal Tar Bases

COALCON PROCESS
DA November 1975
RT Carbonization
RT Chars
RT Coal Gasification
DEF Low-temperature, intermediate-pressure process for hydrocarbonization of finely divided low-rank coal or high-boiling tars in a fluidized bed to produce chars, tars, and gases. It was originally designed for a subbituminous coal having high tar and potentially high phenolic yields during carbonization, but it is currently being developed for high-sulfur, high-volatile bituminous coals.

COALESCENCE [01]
RT Adhesion
RT Agglomeration
RT Blood Coagulation
RT Bonding
RT Coprecipitation

COALIFICATION
DA July 1977
RT Coal
RT Coal Rank
RT Diagenesis
RT Geochemistry
RT Petrology

COALTEK Process
DA July 1976
USE Fuel Feeding Systems

Coarse Control Rods
USE Shim Rods

Coast
USE Shores

COASTAL REGIONS
DA February 1976
RT Coastal Waters
RT Coastal Zone Management Act
RT Shores
DEF Land areas of unspecified dimensions near sea or lake coastlines.

COASTAL WATERS [01]
BT1 Surface Waters
RT Coastal Regions
RT Coastal Zone Management Act
RT Continental Shelf
RT Estuaries
RT Offshore Sites
RT Seas
RT Sequim Bay
RT Shores
RT Territorial Waters

COASTAL ZONE MANAGEMENT ACT
DA March 1978
UF *Public Law 94-370*
BT1 Laws
RT Coastal Regions
RT Coastal Waters
RT Continental Shelf

COATED FUEL PARTICLES [01]
BT1 Fuel Particles
RT Amoeba Effect

Coating (Surface)
USE Surface Coating

Coating Processes
USE Surface Coating

COATINGS [01]
NT1 Antireflection Coatings
NT1 Black Coatings
NT2 Black Chrome
NT2 Black Nickel
NT1 Diffusion Coatings
NT1 Dipped Coatings
NT1 Electrodeposited Coatings
NT1 Enamels
NT1 Glazes
NT1 Lacquers
NT1 Paints
NT2 Luminous Paints
NT1 Protective Coatings
NT1 Reflective Coatings
NT1 Sprayed Coatings
NT1 Vapor Deposited Coatings
NT1 Varnishes
RT Corrosion Protection
RT Coverings
RT Deposits
RT Films
RT Heat Mirrors
RT Latex
RT Screen Printing
RT Solar Absorbers
RT Surface Coating
RT Surface Finishing
RT Waterproofing

COAXIAL CABLES [01]
BT1 Electric Cables
BT2 Cables
BT2 Conductor Devices
BT3 Electrical Equipment
BT4 Equipment

COAXIAL FLOW REACTORS [01]
BT1 Gas Fueled Reactors
BT2 Fluid Fueled Reactors
BT3 Reactors
BT2 Homogeneous Reactors
BT3 Reactors

COBALT [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

COBALT 53 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

COBALT 54 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COBALT 55 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COBALT 56 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes

BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

COBALT 57 [01]
BT1 Cobalt Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COBALT 58 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COBALT 59 [01]
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

COBALT 60 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COBALT 61 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COBALT 62 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COBALT 63 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COBALT 64 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COBALT ADDITIONS [01]
BT1 Cobalt Alloys
BT2 Alloys
NT1 Crocar

COBALT ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-1900
NT1 Alloy-HD-556
NT1 Alloy-IN-100
NT1 Alloy-Khn60mkbyut
NT1 Alloy-M-252
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-MP35N
NT1 Alloy-N-155
NT1 Alloy-RA-333
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Alloy-Yundk 25Ba
NT1 ALNICO Alloys
NT1 Astroloy
NT1 Carboloy
NT1 Cobalt Additions
NT2 Crocar
NT1 Cobalt Base Alloys
NT2 Alloy-L-605
NT2 Haynes 25 Alloy
NT2 Haynes Stellite 6B
NT2 Haynes Stellite No 21
NT2 Mar-M509 Alloys
NT2 Stellite
NT3 Alloy-HS-21
NT3 Alloy-HS-25
NT3 Alloy-HS-31
NT2 Stellite 6
NT2 Tribaloy 400
NT2 Tribaloy 800
NT2 Vikalloy 1
NT2 Vikalloy 2
NT1 Cunico
NT1 Hastelloy X
NT1 Haynes Alloys
NT1 Hiperco
NT1 Inconel 617
NT1 Inconel 643
NT1 Inconel 700
NT1 Inconel 738
NT1 Inconel 713C
NT1 Kanthal
NT1 Konel
NT1 Kovar
NT1 Magnet Steel-KS
NT1 Nimonic 90
NT1 Nimonic 105
NT1 Nimonic 115
NT1 Permendur
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Steel-Kh14k9n6m5
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-2Kh8v8m2k8
NT1 Steel-30N9k4
NT1 Stellite 156
NT1 Supertherm
NT1 Tikonal
NT1 Timken Alloys
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Vitallium
NT1 Waspaloy

COBALT ARSENIDES
DA August 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Cobalt Compounds
BT2 Transition Element Compounds

COBALT BASE ALLOYS [01]
BT1 Cobalt Alloys
BT2 Alloys
NT1 Alloy-L-605
NT1 Haynes 25 Alloy
NT1 Haynes Stellite 6B
NT1 Haynes Stellite No 21
NT1 Mar-M509 Alloys
NT1 Stellite
NT2 Alloy-HS-21
NT2 Alloy-HS-25
NT2 Alloy-HS-31
NT1 Stellite 6
NT1 Tribaloy 400
NT1 Tribaloy 800
NT1 Vikalloy 1
NT1 Vikalloy 2

COBALT BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Cobalt Compounds
BT2 Transition Element Compounds

COBALT BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Cobalt Compounds
BT2 Transition Element Compounds

COBALT CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Cobalt Compounds

BT2 Transition Element Compounds

COBALT CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Cobalt Compounds
BT2 Transition Element Compounds

COBALT CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Cobalt Compounds
BT2 Transition Element Compounds

COBALT COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

COBALT COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Cobalt Arsenides
NT1 Cobalt Borides
NT1 Cobalt Bromides
NT1 Cobalt Carbides
NT1 Cobalt Carbonates
NT1 Cobalt Chlorides
NT1 Cobalt Fluorides
NT1 Cobalt Hydrides
NT1 Cobalt Hydroxides
NT1 Cobalt Iodides
NT1 Cobalt Nitrates
NT1 Cobalt Oxides
NT2 Kirchheimerite
NT1 Cobalt Perchlorates
NT1 Cobalt Phosphates
NT1 Cobalt Phosphides
NT1 Cobalt Silicates
NT1 Cobalt Silicides
NT1 Cobalt Sulfates
NT1 Cobalt Sulfides
NT1 Cobalt Tellurides
NT1 Cobalt Tungstates

COBALT FLUORIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

COBALT HYDRIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

COBALT HYDROXIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

COBALT IODIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

COBALT IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

COBALT ISOTOPES [01]
NT1 Cobalt 53
NT1 Cobalt 54
NT1 Cobalt 55
NT1 Cobalt 56
NT1 Cobalt 57
NT1 Cobalt 58
NT1 Cobalt 59
NT1 Cobalt 60
NT1 Cobalt 61
NT1 Cobalt 62
NT1 Cobalt 63
NT1 Cobalt 64

COBALT NITRATES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

COBALT ORES [01]
BT1 Ores

COBALT OXIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Kirchheimerite

COBALT PERCHLORATES
DA December 1975
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

COBALT PHOSPHATES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

COBALT PHOSPHIDES [01]
DA September 1975
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

COBALT SILICATES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

COBALT SILICIDES [01]
DA January 1975
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

COBALT SULFATES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

COBALT SULFIDES [01]
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

COBALT 57 TARGET [01]
DA April 1977
BT1 Targets

COBALT 58 TARGET [01]
DA August 1976
BT1 Targets

COBALT 59 TARGET [01]
DA July 1976
BT1 Targets

COBALT 60 TARGET [01]
DA July 1976
BT1 Targets

COBALT TELLURIDES
DA June 1978
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

COBALT TUNGSTATES
DA July 1978
BT1 Cobalt Compounds
BT2 Transition Element Compounds
BT1 Tungstates

COBOL [01]
BT1 Programming Languages

COBORDISM THEORY
DA January 1975
RT Algebra
RT Topology

Cobra Reactor
DA February 1975
USE KBR-1 Reactor

COCAINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Anesthetics
BT2 Drugs

COCKCROFT-WALTON ACCELERATORS [01]
BT1 Electrostatic Accelerators
BT2 Accelerators

COCKROACHES [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals

COCOA PRODUCTS [01]
BT1 Food
RT Cacao Trees

COCONUT PALMS [01]
BT1 Trees
BT2 Plants
RT Coconuts

COCONUTS [01]
BT1 Fruits
BT2 Food
RT Coconut Palms

CODEINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Analgesics
BT2 Drugs
RT Morphine

CODEINONE
DA July 1978
BT1 Alkaloids
BT2 Organic Compounds

CODFISH [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

Coding Circuits
USE Digital Circuits

CODLING MOTH [01]
UF *Carpocapsa Pomonella*
BT1 Moths
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
RT Apples

CODONS [01]
RT Genes
RT Nucleotides

RT Ribosomes

COED PROCESS
DA January 1975
UF *Char Oil Energy Development Process*
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF FMC Corporation process that converts coal to synthetic crude oil, gas, and char in four fluidized-bed gasification stages at 315, 450, 540, and 840°C.

COEFFICIENT OF PERFORMANCE
DA January 1979
RT Air Conditioners
RT Efficiency
RT Heat Pumps
RT Performance
RT Refrigerating Machinery
RT Refrigerators
RT Thermodynamics

Coelenterata
DA January 1977
USE Cnidaria

Coenzyme I
USE NAD

Coenzyme II
USE NADP

COENZYMES [01]
NT1 NAD
NT1 NADH2
NT1 NADP
NT1 Ubiquinone
RT Apolipoproteins
RT Biochemistry
RT Biosynthesis
RT Catalysis
RT Cytochromes
RT Enzymes
RT Isoalloxazines
RT Metabolism
RT Pyridoxal
RT Redox Process
RT Vitamin B Group

COERCIVE FORCE [01]
RT Magnetic Properties

COESITE
DA July 1978
BT1 Silica
BT2 Minerals
BT2 Silicon Oxides
BT3 Oxides
BT4 Chalcogenides
BT4 Oxygen Compounds
BT3 Silicon Compounds
DEF A polymorph of silicon dioxide.

COEXTRUSION [01]
BT1 Extrusion
BT2 Materials Working
BT3 Fabrication

Coffee
USE Beverages

COFFEE BEANS [01]
DA December 1978
BT1 Seeds
RT Coffee Plants

COFFEE PLANTS [01]
BT1 Plants
RT Coffee Beans

COFFINITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

COFRENTES REACTOR [01]
DA June 1977
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

COGAS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF A two step coal conversion process involving pyrolysis followed by gasification of the resultant char.

COGEMA [01]
DA June 1977
BT1 French Organizations
BT2 National Organizations
NT1 Cogema La Hague
NT1 Cogema Marcoule
NT1 Cogema Pierrelatte

COGEMA LA HAGUE [01]
DA June 1977
BT1 Cogema
BT2 French Organizations
BT3 National Organizations
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

COGEMA MARCOULE [01]
DA June 1977
BT1 Cogema
BT2 French Organizations
BT3 National Organizations

COGEMA PIERRELATTE [01]
DA June 1977
BT1 Cogema
BT2 French Organizations
BT3 National Organizations
BT1 Gaseous Diffusion Plants
BT2 Isotope Separation Plants
BT3 Industrial Plants
BT3 Nuclear Facilities

COHERENCE LENGTH [01]
DA June 1975
RT Superconductivity
DEF The distance in superconductors over which the effects of a perturbing force are appreciable.

COHERENT ACCELERATORS
DA February 1975
BT1 Accelerators
RT Collective Accelerators

COHERENT PRODUCTION [01]
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
RT Coherent Tube Model

COHERENT RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations

COHERENT SCATTERING [01]
BT1 Scattering
NT1 Brillouin Effect
NT1 Diffraction
NT2 Atomic Beam Diffraction
NT2 Electron Diffraction
NT2 Neutron Diffraction
NT2 X-Ray Diffraction
NT1 Rayleigh Scattering
RT Anharmonic Crystals
RT Elastic Scattering

COHERENT TUBE MODEL [01]
DA October 1977
BT1 Nuclear Models
BT2 Mathematical Models
BT1 Particle Models
BT2 Mathematical Models
RT Coherent Production
RT Incoherent Production
RT Multiple Production
RT Nuclear Reactions
RT Particle Interactions

COIL PROCESS
DA April 1978
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF A process for hydrogenerating a mixture of petroleum and coal.

Coils (Electric)
USE Electric Coils

Coils (Magnetic)
USE Magnet Coils

COINCIDENCE CIRCUITS [01]
BT1 Electronic Circuits
RT Anticoincidence
RT Coincidence Methods
RT Pulse Circuits
RT Telescope Counters
RT Time Measurement

COINCIDENCE METHODS [01]
BT1 Counting Techniques
NT1 Tagged Photon Method
RT Coincidence Circuits
RT Positron Cameras

COINCIDENCE SPECTROMETRY [01]
RT Counting Techniques
RT Radiation Detection
RT Spectrometers

COKE [01]
UF+ *Petroleum Coke*
RT Coal
RT Coke Ovens
RT Coking
RT Formed Coke Processes
RT Fossil Fuels
RT Fuels
RT Semicoke
RT Semicoking

Coke-Oven Gas
DA January 1975
USE Coal Gas

COKE OVENS
DA July 1975
RT Carbonization
RT Coke
RT Coking
RT Coking Plants
RT Formed Coke Processes
DEF An oven made from firebrick or other heat-resistant material and used for carbonization of coal for production of coke.

COKING
DA January 1975
BT1 Carbonization
BT2 Decomposition
BT3 Chemical Reactions
RT Clean Coke Process
RT Coal
RT Coke
RT Coke Ovens
RT Coking Plants
RT Semicoke
RT Semicoking
DEF Destructive distillation of coal to make coke.

COKING PLANTS
DA June 1979
BT1 Industrial Plants
RT Coke Ovens
RT Coking

Colby Event
DA June 1977

USE Anvil Project

COLCHICINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Antimitotic Drugs
BT2 Drugs
RT Polyploidy

COLD CATHODE TUBES [01]
BT1 Electron Tubes

COLD EFFLUENTS
DA August 1976
RT Thermal Effluents

COLD LAKE DEPOSIT
DA April 1975
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Alberta
RT Canada
RT Oil Sands
RT Saskatchewan

COLD NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
NT1 Ultracold Neutrons
DEF Neutrons of less velocity than thermal neutrons; at 15 c their energy is below 0.01 eV.

COLD PLASMA [01]
BT1 Plasma

COLD PRESSING [01]
BT1 Pressing
BT2 Materials Working
BT3 Fabrication
RT Cold Working

COLD STORAGE
DA February 1979
RT Evaporative Cooling
RT Heat Storage
RT Rock Beds
RT Solar Cooling Systems

COLD TRAPS [01]
BT1 Traps
BT1 Vapor Condensers
BT2 Condensers

COLD-WATER PROCESSES
DA June 1976
BT1 Fluid Injection Processes
RT Bitumens
RT Oil Sands
DEF Process used for recovery of bitumens from tar sands using various types of cationic,anionic and nonanionic wetting agents.

COLD WORKING [01]
BT1 Materials Working
BT2 Fabrication
NT1 Shot Peening
RT Cold Pressing
RT Dislocation Pinning
RT Drawing
RT Extrusion
RT Forging
RT Hardening
RT Rolling
RT Strain Aging
RT Strain Hardening
RT Surface Hardening

COLEOPTILE [01]
RT Germination
RT Seedlings

COLEUS [01]
BT1 Herbs
BT2 Plants

COLIFORMS [01]
(Restricted to papers on water purity analysis.)
BT1 Bacteria
BT2 Microorganisms
RT Aerobacter
RT Escherichia Coli

COLLAGEN [01]
BT1 Scleroproteins
BT2 Proteins
BT3 Organic Compounds
RT Connective Tissue
RT Fibroblasts
RT Hydroxyproline
RT Proline

COLLECTIVE ACCELERATORS [01]
BT1 Accelerators
NT1 Electron-Ring Accelerators
NT1 Ionization Front Accelerators
NT1 Plasma Betatrons
RT Coherent Accelerators

COLLECTIVE EXCITATIONS
DA June 1975
RT Superconductivity

COLLECTIVE MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Davydov-Filipov Model
RT Hill-Wheeler Theory

Collectrons
USE Self-Powered Neutron Detectors

COLLIDING BEAMS [01]
UF *Crossed Beams*
UF *Intersecting Beams*
BT1 Beams
RT Beam-Beam Interactions
RT Beam Luminosity
RT Interactions

Collieries
DA June 1977
USE Coal Mines

COLLIMATORS [01]
RT Beam Optics
RT Radiotherapy
RT Shielding
RT Tomography

COLLISION INTEGRALS [01]
BT1 Integrals
RT Boltzmann Equation

Collision Matrix
USE S Matrix

COLLISIONAL HEATING [01]
BT1 Magnetic-Pumping Heating
BT2 High-Frequency Heating
BT3 Plasma Heating
BT4 Heating

COLLISIONAL PLASMA [01]
BT1 Plasma
RT Pfirsch-Schlueter Regime

COLLISIONLESS PLASMA [01]
BT1 Plasma

COLLISIONS [01]
(For low-energy interactions involving photons, electrons, ions, atoms, and molecules; not for NUCLEAR REACTIONS; for elementary particles and radiations see also INTERACTIONS.)
NT1 Atom Collisions
NT2 Atom-Atom Collisions
NT2 Atom-Molecule Collisions
NT2 Electron-Atom Collisions
NT2 Ion-Atom Collisions
NT2 Photon-Atom Collisions
NT2 Positron-Atom Collisions
NT1 Electron Collisions
NT2 Electron-Atom Collisions
NT2 Electron-Electron Collisions
NT2 Electron-Ion Collisions
NT2 Electron-Molecule Collisions
NT2 Electron-Positron Collisions
NT1 Ion Collisions
NT2 Electron-Ion Collisions
NT2 Ion-Atom Collisions
NT2 Ion-Ion Collisions
NT2 Ion-Molecule Collisions
NT2 Photon-Ion Collisions
NT2 Positron-Ion Collisions
NT1 Molecule Collisions
NT2 Atom-Molecule Collisions
NT2 Electron-Molecule Collisions
NT2 Ion-Molecule Collisions
NT2 Molecule-Molecule Collisions
NT2 Photon-Molecule Collisions
NT2 Positron-Molecule Collisions
NT1 Photon Collisions
NT2 Photon-Atom Collisions
NT2 Photon-Ion Collisions
NT2 Photon-Molecule Collisions
NT2 Photon-Positron Collisions
NT1 Positron Collisions
NT2 Electron-Positron Collisions
NT2 Photon-Positron Collisions
NT2 Positron-Atom Collisions
NT2 Positron-Ion Collisions
NT2 Positron-Molecule Collisions
RT Brownian Movement
RT Colloids
RT Coupled Channel Theory
RT Interactions
RT Kinetic Equations
RT Kinetics
RT Landau-Zener Formula
RT Particle Kinematics
RT PSS Method
RT Scattering
RT Sudden Approximation

Collodion
USE Nitrocellulose

Colloid Coagulation
DA June 1975
USE Flocculation

COLLOIDS [01]
BT1 Dispersions
NT1 Agar
NT1 Alginic Acid
NT1 Emulsions
NT2 Microemulsions
NT1 Foams
NT2 Plastic Foams
NT1 Gelatin
NT1 Gels
NT2 Hydrophylic Polymers
NT1 Radiocolloids
NT2 Thorotrast
NT1 Sols
NT2 Aerosols
NT3 Radioactive Aerosols
NT3 Smokes
NT4 Tobacco Smokes
RT Brownian Movement
RT Collisions
RT Dialysis
RT Gelation
RT Gums
RT Micellar Systems
RT Particle Size
RT Particles
RT Sol-Gel Process

COLMONOY [01]
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

Cologne Spirits
USE Ethanol

COLOMBIA [01]
BT1 South America
BT2 Latin America
RT Andes

Colon
USE Large Intestine

Colonies
USE Populations

COLONY FORMATION [01]
DA November 1976
NT1 Spleen Colony Formation
RT Animal Cells
RT Cell Cultures
RT CFU
RT Cloning

Colony Forming Units
USE CFU

COLOR [01]
BT1 Optical Properties
BT2 Physical Properties
BT1 Organoleptic Properties
RT Dichroism

COLOR CENTERS [01]
BT1 Vacancies
BT2 Point Defects
BT3 Crystal Defects
BT4 Crystal Structure
NT1 A Centers
NT1 B Centers
NT1 E Centers
NT1 F Centers
NT1 H Centers
NT1 I Centers
NT1 M Centers
NT1 Q Centers
NT1 R Centers
NT1 S Centers
NT1 U Centers
NT1 V Centers
NT1 X Centers
NT1 Z Centers

COLOR MODEL [01]
DA June 1975
BT1 Quark Model
BT2 Composite Models
BT3 Particle Models
BT4 Mathematical Models
RT Charm Particles
RT Grace Particles
RT Quantum Chromodynamics
RT Quantum Numbers
RT Taste Particles

COLORADO [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
NT1 Mahogany Zone
NT1 Sand Wash Basin
RT Colorado River Basin
RT Crystal River
RT Green River Formation
RT Gunnison River
RT North Platte River Basin
RT Piceance Creek
RT Piceance Creek Basin
RT Rio Blanco Oil Shale Project
RT Rio Grande Rift
RT Uinta Basin
RT Uinta Formation
RT White River
RT Yellow Creek
RT Yellow Creek Basin

COLORADO PLATEAU [01]
BT1 Mountains

COLORADO RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Colorado River Basin

COLORADO RIVER BASIN
DA June 1975
RT Colorado
RT Colorado River

Colorado State University AGN-201 Reactor
USE AGN-201-109 Reactor

COLORADO TRIGA-MK-3 REACTOR [01]
SF *TRIGA-Mk-3 Reactor*
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

COLORATION [01]
RT Bleaching

COLORIMETRIC DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
RT Dyes
RT Glass
RT Polymers

Colorimetry
USE Absorption Spectroscopy

COLUMBIA RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Columbia River Basin
RT Washington

COLUMBIA RIVER BASIN
DA October 1978
RT Columbia River
RT Idaho
RT Oregon
RT Washington

COLUMBIA TRIGA-MK-2 REACTOR [01]
SF *TRIGA-Mk-2 Reactor*
UF *Columbia University Reactor*
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Columbia University Reactor
USE Columbia TRIGA-Mk-2 Reactor

Columbium
USE Niobium

COLUMN PACKING [01]
UF *Berl Saddles*
UF *Raschig Rings*
BT1 Packings
RT Extraction Columns

Columns (Extraction)
USE Extraction Columns

Columns (Mechanical)
USE Mechanical Structures

Columns (Thermal)
USE Thermal Columns

COMANCHE PEAK-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

COMANCHE PEAK-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

COMBINED COLLECTORS
DA September 1978
BT1 Solar Collectors
RT Photovoltaic Cells
RT Solar Cells
DEF Combined photovoltaic/thermal collectors.

COMBINED-CYCLE FW PROCESS
DA May 1977
UF *Foster Wheeler Gasification Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Entrainment
DEF A two-stage entrained gasifier similar to the Bi-Gas design, operating at moderate pressure and using air, that can be modified to oxygen blowing.

COMBINED-CYCLE POWER PLANTS
(Prior to March, 1976, the descriptors COMBINED CYCLES and FOSSIL-FUEL POWER PLANTS or THERMAL POWER PLANTS were used for indexing this concept.)
DA March 1976
UF *Combined Gas and Steam Cycle Power Plants*
BT1 Thermal Power Plants
BT2 Power Plants
NT1 MHD Generator ETF
RT Combined Cycles
RT Tosco-Dyne Process

COMBINED CYCLES
DA January 1975
BT1 Thermodynamic Cycles
RT Combined-Cycle Power Plants
RT Electric Power
RT Power Plants
RT Total Energy Systems

Combined Gas and Steam Cycle Power Plants
DA March 1976
USE Combined-Cycle Power Plants

Combined Pinch Devices (Linear)
USE Linear Screw Pinch Devices

Combined Steam-Power Generation
DA May 1977
USE Co-Generation

COMBUSTION [01]
BT1 Oxidation
BT2 Chemical Reactions
BT1 Thermochemical Processes
NT1 Fluidized-Bed Combustion
NT1 In-Situ Combustion
NT1 Reverse Combustion
NT1 Spontaneous Combustion
RT Afterburners
RT Burners
RT Calorific Value
RT Combustion Instability

RT Combustion Kinetics
RT Combustion Products
RT Combustion Properties
RT Combustion Waves
RT CPU-400 Combustion Plant
RT Detonation Waves
RT Dry Ashing
RT Exhaust Recirculation Systems
RT Fire Prevention
RT Fires
RT Flames
RT Flammability
RT Fuel Injection Systems
RT Gas Burners
RT Ignition
RT Ignition Quality
RT Incinerators
RT Oil Burners
RT Spark Ignition Engines
RT Stratified Charge Engines
RT Swirl Flow
RT Wet Ashing

COMBUSTION CHAMBERS
DA May 1975
RT Combustors
RT Engines
RT Fuel Injection Systems
RT Spark Ignition Engines
DEF Containers in which the actual burning of fuel takes place.

COMBUSTION CONTROL
DA March 1979
BT1 Control
RT Boilers
RT Combustors
DEF Control of factors (temperature, preheating, draft, excess or deficient air, etc.) which affect combustion efficiency.

Combustion Engineering Gasification Process
DA May 1977
USE CE Entrained Fuel Process

Combustion Engineering Standard Reactor
DA February 1975
USE CE Standard Reactor

COMBUSTION HEAT [01]
UF *Heat of Combustion*
BT1 Heat
BT2 Energy
BT1 Reaction Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties

COMBUSTION INSTABILITY
DA August 1976
BT1 Instability
RT Combustion

COMBUSTION KINETICS
DA August 1976
BT1 Chemical Reaction Kinetics
BT2 Reaction Kinetics
BT3 Kinetics
RT Combustion
RT Flame Propagation

COMBUSTION PRODUCTS
DA October 1975
NT1 3-Methylcholanthrene
RT Combustion
RT Exhaust Gases
RT Flue Gas
RT Pyrolysis Products
RT Wastes

COMBUSTION PROPERTIES
DA November 1975
UF *Flame Temperature*
UF *Flash Point*
NT1 Calorific Value
RT Combustion
RT Thermodynamic Properties

COMBUSTION WAVES
DA September 1976
RT Combustion
RT Detonation Waves
RT Explosions
RT Ignition
RT Shock Waves
DEF Zone of burning propagated through a combustible medium.

COMBUSTORS
DA November 1976
NT1 Catalytic Combustors
NT1 Fluidized-Bed Combustors
RT Burners
RT Combustion Chambers
RT Combustion Control
RT Ignition Systems
DEF Combustion chambers together with their associated burners, igniters, and fuel injection devices.

COMECON [01]
UF *CMEA*
UF *Council for Mutual Economic Assistance*
BT1 International Organizations

COMETS [01]
RT Solar System

Comitato Nazionale per l' $\sim\Omega_7\omega_9{}^+{}_3$ $\sigma\Sigma_5\gamma_{73}\omega_7$
DA June 1976
USE CNEN

COMMERCE
DA December 1977
UF *Business*
RT Commercial Sector
RT Economic Development
RT Horizontal Integration
RT Public Enterprises
RT Trade
RT Vertical Integration

Commerce (Nuclear)
DA March 1978
USE Nuclear Trade

COMMERCIAL BUILDINGS
DA January 1975
BT1 Buildings
NT1 Restaurants
NT1 Shopping Centers
RT Apartment Buildings
RT Commercial Sector
RT Office Buildings

COMMERCIAL NUCLEAR SHIPS
DA August 1976
BT1 Nuclear Ships
BT2 Ships

COMMERCIAL SECTOR
DA December 1976
SF *End Use Sector*
NT1 Retailers
NT2 Gasoline Service Stations
RT Commerce
RT Commercial Buildings
RT Economic Development
RT Restaurants
RT Small Businesses
RT Trade

COMMERCIALIZATION
DA March 1977
RT Demonstration Programs
RT Economic Development
RT Gasoline Plants
RT Manufacturers
RT Market
RT Marketing Research
RT Technology Transfer
RT Technology Utilization
DEF Bringing a new technology into the marketplace after government-sponsored research, development and demonstration.

COMMINUTION
DA April 1975
UF *Pulverization*
NT1 Coal Preparation
NT1 Crushing
NT1 Fracturing
NT2 Electrolinking
NT2 Explosive Fracturing
NT3 SOLFRAC Process
NT2 Hydraulic Fracturing
NT1 Grinding
RT Fragmentation
RT Pulverizers

Commissioning (Reactor)
USE Reactor Commissioning

COMMODITIES
DA July 1975
RT Economics
RT Material Substitution

COMMON MARKET [01]
UF *European Economic Community*
BT1 European Communities
BT2 International Organizations

COMMUNICATIONS [01]
NT1 Data Transmission
NT2 Telemetry
NT1 Telephones
RT Advertising
RT Information Theory
RT Radio Equipment
RT Signals
RT Speech

COMMUNITIES
DA April 1975
NT1 Planned Communities
RT Aesthetics
RT Human Populations
RT ICES
RT Populations
RT Socio-Economic Factors

Communities (Ecological)
USE Ecosystems

COMMUTATION RELATIONS [01]
RT Canonical Dimension
RT Current Algebra
RT Mathematical Operators
RT Quantum Mechanics

COMMUTATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
NT1 Current Commutators
NT2 Sigma Terms
RT Current Algebra

COMPACTING [01]
RT Agglomeration
RT Briquetting
RT Caking
RT Compacts
RT Fabrication
RT Pelletizing
RT Powder Metallurgy
RT Pressing
RT Rolling

COMPACTORS
DA June 1977
BT1 Electric Appliances
BT2 Appliances

COMPACTS [01]
RT Compacting
RT Powders

COMPARATIVE EVALUATIONS [01]
(To be indexed in coordination with the concepts being compared.)
RT Correlations
RT Cost Benefit Analysis
RT Data
RT Efficiency
RT Errors
RT Evaluation
RT Feasibility Studies
RT Functional Models

RT Hypothesis
RT Mathematical Models
RT Measuring Methods
RT Radiation Effects
RT Resolution
RT Structural Models

COMPARATOR CIRCUITS [01]
(Provide indication of agreement or disagreement between signals.)
BT1 Electronic Circuits

COMPARTMENTS [01]
RT Biophysics
RT Extracellular Space
RT Radionuclide Kinetics
RT Retention
RT Retention Functions

COMPATIBILITY [01]
RT Interchangeability
RT Joining
RT Joints
RT Mixtures
DEF Mutual behaviour of 2 or more materials joined or mixed together.

Compatibility (Immunological)
USE Immunity

Compensation (Workmens)
USE Workmens Compensation

COMPETITION
DA July 1976
UF+ *Market Shares*
RT Behavior
RT Cartels
RT Economics
RT Horizontal Integration
RT Population Dynamics
RT Retailers
RT Vertical Divestiture
RT Vertical Integration

Competitive Protein Binding
USE CPB

COMPLEMENT [01]
RT Antibodies
RT Antigen-Antibody Reactions
RT Blood Plasma
RT Hemolysins

COMPLEX MANIFOLDS [01]
BT1 Mathematical Manifolds

COMPLEXES [01]
NT1 Actinide Complexes
NT2 Actinium Complexes
NT2 Americium Complexes
NT2 Berkelium Complexes
NT2 Californium Complexes
NT2 Curium Complexes
NT2 Einsteinium Complexes
NT2 Fermium Complexes
NT2 Lawrencium Complexes
NT2 Mendelevium Complexes
NT2 Neptunium Complexes
NT2 Nobelium Complexes
NT2 Plutonium Complexes
NT2 Protactinium Complexes
NT2 Thorium Complexes
NT2 Uranium Complexes
NT3 Uranyl Complexes
NT1 Alkali Metal Complexes
NT2 Cesium Complexes
NT2 Francium Complexes
NT2 Potassium Complexes
NT2 Rubidium Complexes
NT2 Sodium Complexes
NT1 Alkaline Earth Metal Complexes
NT2 Barium Complexes
NT2 Beryllium Complexes
NT2 Calcium Complexes
NT2 Magnesium Complexes
NT2 Radium Complexes
NT2 Strontium Complexes
NT1 Aluminium Complexes
NT1 Ammines
NT1 Antimony Complexes
NT1 Argon Complexes
NT1 Arsenic Complexes
NT1 Astatine Complexes
NT1 Bismuth Complexes
NT1 Boron Complexes
NT1 Bromine Complexes
NT1 Cadmium Complexes
NT1 Carbon Complexes
NT1 Chelates
NT1 Chlorine Complexes
NT1 Element 104 Complexes
NT1 Fluorine Complexes
NT1 Gallium Complexes
NT1 Germanium Complexes
NT1 Helium Complexes
NT1 Heteropolyanions
NT1 Hydrogen Complexes
NT1 Indium Complexes
NT1 Iodine Complexes
NT1 Krypton Complexes
NT1 Lead Complexes
NT1 Lithium Complexes
NT1 Mercury Complexes
NT1 Neon Complexes
NT1 Nitrogen Complexes
NT1 Oxygen Complexes
NT1 Phosphorus Complexes
NT1 Polonium Complexes
NT1 Radon Complexes
NT1 Rare Earth Complexes
NT2 Cerium Complexes
NT2 Dysprosium Complexes
NT2 Erbium Complexes
NT2 Europium Complexes
NT2 Gadolinium Complexes
NT2 Holmium Complexes
NT2 Lanthanum Complexes
NT2 Lutetium Complexes
NT2 Neodymium Complexes
NT2 Praseodymium Complexes
NT2 Promethium Complexes
NT2 Samarium Complexes
NT2 Terbium Complexes
NT2 Thulium Complexes
NT2 Ytterbium Complexes
NT1 Selenium Complexes
NT1 Silicon Complexes
NT1 Sulfur Complexes
NT1 Tellurium Complexes
NT1 Thallium Complexes
NT1 Tin Complexes
NT1 Transition Element Complexes
NT2 Chromium Complexes
NT2 Cobalt Complexes
NT2 Copper Complexes
NT3 Ceruloplasmin
NT2 Gold Complexes
NT2 Hafnium Complexes
NT2 Iridium Complexes
NT2 Iron Complexes
NT3 Ferricyanides
NT3 Ferritin
NT3 Ferrocene
NT3 Ferrocyanides
NT2 Manganese Complexes
NT2 Molybdenum Complexes
NT2 Nickel Complexes
NT2 Niobium Complexes
NT2 Osmium Complexes
NT2 Palladium Complexes
NT2 Platinum Complexes
NT2 Rhenium Complexes
NT2 Rhodium Complexes
NT2 Ruthenium Complexes
NT2 Scandium Complexes
NT2 Silver Complexes
NT2 Tantalum Complexes
NT2 Technetium Complexes
NT2 Titanium Complexes
NT2 Tungsten Complexes
NT2 Vanadium Complexes
NT2 Yttrium Complexes
NT2 Zirconium Complexes
NT1 Xenon Complexes
NT1 Zinc Complexes
RT Adducts
RT Complexometry
RT Coordination Number
RT Coordination Valences
RT Ligands

COMPLEXOMETRY [01]
RT Complexes

COMPLIANCE
DA November 1976
RT Laws
RT Legal Aspects
RT Recommendations
RT Regulations
RT Standards

Component Cooling Systems
DA January 1975
USE Auxiliary Water Systems

COMPOSITE MATERIALS [01]
NT1 Cermets
NT2 TD-Nickel
NT2 TD-Nickel Chromium
NT1 Concrete-Plastic Composites
NT1 Superconducting Composites
NT1 Wood-Plastic Composites
RT Building Materials
RT Honeycomb Structures
RT Reinforced Materials

COMPOSITE MODELS [01]
BT1 Particle Models
BT2 Mathematical Models
NT1 Bootstrap Model
NT1 CIM Model
NT1 Parton Model
NT1 Quark Model
NT2 Bag Model
NT2 Color Model
NT2 Flavor Model
NT2 String Models
RT Quarks

COMPOSTING
DA September 1975
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management

COMPOUND NUCLEI [01]
RT Hauser-Feshbach Theory
RT Jackson Model
RT Nuclear Models
RT Peierls Method
RT Porter-Thomas Distribution

COMPOUND-NUCLEUS REACTIONS [01]
BT1 Nuclear Reactions
RT Deep Inelastic Heavy Ion Reactions
RT Evaporation Model
RT Fusion Reactions
RT Quasi-Fission

COMPOUND PARABOLIC CONCENTRATORS
DA November 1976
UF *Winston Collectors*
BT1 Solar Concentrators
RT Parabolic Reflectors

Compounds (Organic)
USE Organic Compounds

COMPREIGNACITE [01]
BT1 Potassium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Potassium Compounds
BT3 Alkali Metal Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides

BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

COMPRESSED AIR
DA January 1975
BT1 Air
BT2 Gases
BT3 Fluids
RT Compressed Air Energy Storage
RT Compressed Air Energy Storage Equipment
RT Compressed Air Storage Power Plants
RT Compressed Gases
RT Compression

COMPRESSED AIR ENERGY STORAGE
DA September 1976
UF *CAES*
BT1 Energy Storage
BT2 Storage
RT Compressed Air
RT Compressed Air Energy Storage Equipment
RT Compressed Air Storage Power Plants
RT Compressed Gases
RT Compression

COMPRESSED AIR ENERGY STORAGE EQUIPMENT
DA September 1977
BT1 Equipment
RT Compressed Air
RT Compressed Air Energy Storage
RT Compressed Air Storage Power Plants
RT Compressed Gases
RT Compression
RT Peaking Power Plants

COMPRESSED AIR STORAGE POWER PLANTS
DA September 1978
UF *CAES Plant*
BT1 Peaking Power Plants
BT2 Power Plants
RT Compressed Air
RT Compressed Air Energy Storage
RT Compressed Air Energy Storage Equipment
RT Compressed Gases
RT Compression

COMPRESSED GASES
DA March 1976
BT1 Gases
BT2 Fluids
RT Compressed Air
RT Compressed Air Energy Storage
RT Compressed Air Energy Storage Equipment
RT Compressed Air Storage Power Plants
RT Compression

COMPRESSIBILITY [01]
BT1 Mechanical Properties
RT Grueneisen Constant

COMPRESSIBLE FLOW [01]
BT1 Fluid Flow
RT Aerodynamics
RT Gas Flow
RT Subsonic Flow
RT Supersonic Flow
RT Transonic Flow

COMPRESSION [01]
NT1 Magnetic Compression
RT Compressed Air
RT Compressed Air Energy Storage
RT Compressed Air Energy Storage Equipment
RT Compressed Air Storage Power Plants
RT Compressed Gases

COMPRESSION STRENGTH [01]
UF *Strength (Compression)*
BT1 Mechanical Properties
RT Tensile Properties

COMPRESSOR BLADES
DA October 1975
UF *Blades (Compressor)*
RT Compressors
RT Turbine Blades

COMPRESSORS [01]
NT1 Gas Compressors
NT1 Magnetoplasma Compressors
NT1 Superchargers
RT Blowers
RT Compressor Blades
RT Pressurizers
RT Pumps
RT Reactor Cooling Systems
RT Turbomachinery

COMPTON DIODE DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Gamma Detection
RT Self-Powered Detectors

COMPTON EFFECT [01]
UF *Compton Scattering*
BT1 Elastic Scattering
BT2 Scattering
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
RT Compton Wavelength
RT Klein-Nishina Formula

Compton Scattering
USE Compton Effect

COMPTON SPECTROMETERS [01]
BT1 Gamma Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

COMPTON WAVELENGTH
DA January 1975
RT Compton Effect
DEF Wavelength characteristic of particles; its value is h/(mc).

COMPUTER-AIDED DESIGN [01]
DA February 1976
RT Computer Graphics
RT Computers
RT Design
RT Mathematical Models

Computer Axial Tomography Scanning
DA March 1978
USE CAT Scanning

COMPUTER CALCULATIONS [01]
(Methods, not results.)
UF *Calculations (Computer)*
RT Computer Graphics
RT Computerized Simulation
RT Computers
RT Data Analysis
RT Sensitivity Analysis

COMPUTER CODES [01]
(Computer codes are indexed by their initial letter and CODES, e.g., A CODES. If the code name begins with a number the code is indexed to NUMBER CODES.)
UF *Computer Programs*
NT1 A Codes
NT1 B Codes
NT1 C Codes
NT1 D Codes
NT1 E Codes
NT1 F Codes
NT1 G Codes
NT1 H Codes
NT1 I Codes
NT1 J Codes
NT1 K Codes
NT1 L Codes
NT1 M Codes
NT1 N Codes
NT1 Number Codes
NT1 O Codes
NT1 P Codes
NT1 Q Codes
NT1 R Codes
NT1 S Codes
NT1 T Codes
NT1 Translators
NT1 U Codes
NT1 V Codes
NT1 W Codes
NT1 X Codes
NT1 Y Codes
NT1 Z Codes
RT Algorithms
RT Programming
RT Programming Languages
RT Text Editors

COMPUTER GRAPHICS
DA January 1975
RT Chernoff Faces
RT Computer-Aided Design
RT Computer Calculations
RT Computer Output Devices
RT Diagrams
RT Display Devices
RT Interactive Display Devices
RT Plotters
DEF The technique of combining computer calculations with various display devices, printers, plotters, etc. render information in graphical or pictorial format.

Computer Languages
USE Programming Languages

COMPUTER NETWORKS [01]
DA November 1976
UF *Networks (Computer)*

COMPUTER OUTPUT DEVICES
DA March 1976
RT Computer Graphics
RT Computers
RT Display Devices
RT Plotters

Computer Programming
USE Programming

Computer Programs
USE Computer Codes

COMPUTERIZED SIMULATION
DA April 1979
BT1 Simulation
RT Computer Calculations
DEF Computer-calculated representation of a process, device, or concept in mathematical form.

COMPUTERS [01]
UF+ *On-Line Computers*
NT1 ALWAC Computers
NT1 Amdahl Computers
NT1 Analog Computers
NT1 Atlas Computers
NT1 BESM Computers
NT1 Burroughs Computers
NT1 CDC Computers
NT1 Cray Computers
NT1 Digital Computers
NT2 CII Computers
NT2 Parameter Computers
NT1 DPP Computers
NT1 Ferranti Computers
NT1 Fluidic Computers
NT1 GE Computers
NT1 Honeywell Computers
NT1 HP Computers
NT1 Hybrid Computers
NT1 IBM Computers
NT1 ICL Computers
NT1 Illiac Computers
NT1 KDF Computers
NT1 Maniac Computers
NT1 Midas Computer

NT1 Minsk Computers
NT1 Nord Computers
NT1 Orion Computers
NT1 PDP Computers
NT1 Philco Computers
NT1 Process Computers
NT1 Razdan Computers
NT1 SDS Computers
NT1 Serac Computers
NT1 Siemens Computers
NT1 Silliac Computers
NT1 Tosbac Computers
NT1 Univac Computers
NT1 Ural Computers
NT1 Varian Computers
NT1 XDS Computers
RT Analog Systems
RT Array Processors
RT Calculators
RT CAMAC System
RT Card Punches
RT Computer-Aided Design
RT Computer Calculations
RT Computer Output Devices
RT Data Processing
RT Digital Systems
RT Electronic Equipment
RT Equipment Interfaces
RT Machine Translations
RT Magnetic Cores
RT Microprocessors
RT Nuclear Instrument Modules
RT Programming
RT Real Time Systems

Concentrates
USE Ore Concentrates

CONCENTRATING COLLECTORS
DA June 1977
BT1 Solar Collectors
NT1 Fixed Mirror Collectors
NT1 Parabolic Collectors
NT2 Parabolic Dish Collectors
NT2 Parabolic Trough Collectors
NT1 Slat Type Collectors
NT1 V Trough Collectors
RT Solar Concentrators

Concentration
DA December 1978
SEE Ecological Concentration
OR Quantity Ratio

Concentration (Analytical)
USE Quantity Ratio

Concentration Dependence
USE Quantity Ratio

CONCENTRATION RATIO
DA April 1978
RT Concentrator Solar Cells
RT Solar Concentrators

Concentrations (Radionuclides)
USE Radioactivity

CONCENTRATOR SOLAR CELLS
(Prior to July, 1979 SOLAR CELLS or specific solar cells descriptors and SOLAR CONCENTRATORS were used to index this concept.)
DA July 1979
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters
RT Concentration Ratio
RT Solar Concentrators

CONCENTRATORS
DA February 1976
NT1 Centrifuges
NT2 Gas Centrifuges
NT2 Ultracentrifuges
NT1 Cyclone Separators
NT1 Jigs
NT1 Magnetic Separators
RT Screens
RT Separation Processes
RT Sorting

CONCRETE BLOCKS
DA July 1979
BT1 Building Materials
BT2 Materials
RT Concretes

CONCRETE-PLASTIC COMPOSITES [01]
DA January 1975
BT1 Composite Materials
RT Concretes
RT Plastics

CONCRETE STRINGERS [01]
RT Reinforced Concrete

CONCRETES [01]
BT1 Building Materials
BT2 Materials
NT1 Prestressed Concrete
NT1 Reinforced Concrete
RT Cements
RT Concrete Blocks
RT Concrete-Plastic Composites
RT Mortars
RT Sand
RT Shielding Materials

CONCRETIONS
DA May 1975
BT1 Geologic Deposits
RT Minerals
RT Rocks
DEF Bodies within host rocks representing local concentrations of cementing materials.

CONDENSATES [01]
RT Vapor Condensation

Condensation (Vapor)
USE Vapor Condensation

CONDENSATION CHAMBERS [01]
RT Control Equipment
RT Pressure Suppression
RT Reactor Components
RT Reactor Cooling Systems
RT Reactor Safety
RT Vapor Condensation

CONDENSATION NUCLEI
DA April 1978
RT Aerosols
RT Meteorology
RT Particles
RT Vapor Condensation
DEF A small particle(as of dust)upon which water vapor condenses in the atmosphere.

CONDENSED AROMATICS [01]
BT1 Aromatics
BT2 Organic Compounds
NT1 Acenaphthene
NT1 Anthracene
NT1 Benzanthracene
NT1 Benzopyrene
NT1 Cholanthrene
NT1 Chrysene
NT1 Dimethylbenzanthracene
NT1 Fluorene
NT1 Indene
NT1 Indocyanine Green
NT1 Naphthalene
NT1 Perylene
NT1 Phenanthrene
NT1 Pyrene
NT1 Tetracene
NT1 Triphenylene
NT1 Violanthrone

CONDENSED CYCLOALKANES
DA December 1976
BT1 Cycloalkanes
BT2 Alkanes
BT3 Hydrocarbons
BT4 Organic Compounds

CONDENSER COOLING SYSTEMS
DA June 1975
BT1 Auxiliary Water Systems
BT2 Auxiliary Systems
BT1 Cooling Systems
RT Reactor Cooling Systems
DEF Auxiliary water systems designed for heat dissipation in thermal power plants. May be of open circuit or closed cycle design.

CONDENSER IONIZATION CHAMBERS [01]
UF *Pocket Chambers*
BT1 Dosemeters
BT2 Measuring Instruments
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Electrometers

CONDENSERS
DA January 1975
UF *Liquefiers*
NT1 Vapor Condensers
NT2 Cold Traps
NT2 Steam Condensers
NT3 Ice Condensers
NT3 Isolation Condensers

Condensers (Electric)
USE Capacitors

Condensers (Steam)
USE Steam Condensers

Condensers (Vapor)
USE Vapor Condensers

CONDIMENTS
DA April 1975
UF *Seasonings*

CONDITIONED REFLEXES [01]
BT1 Reflexes
RT Avoidance
RT Cerebral Cortex
RT Learning

Conductivity (Electric)
USE Electric Conductivity

Conductivity (Thermal)
USE Thermal Conductivity

CONDUCTOR DEVICES [01]
BT1 Electrical Equipment
BT2 Equipment
NT1 Connectors
NT1 Electric Cables
NT2 Coaxial Cables
NT2 Cryogenic Cables
NT2 Gas-Insulated Cables
NT2 Oil-Filled Cables
NT2 Superconducting Cables
NT1 Electric Fuses
RT Electric Conductors
RT Resistors

Conductors (Electric)
USE Electric Conductors

CONES
DA April 1975
RT Shape

Conferences
USE Meetings

CONFIGURATION [01]
(For the relative arrangement of component parts; for electron configuration in atoms and molecules use ELECTRONIC STRUCTURE; for nuclear configuration use NUCLEAR STRUCTURE; for molecular configuration use MOLECULAR STRUCTURE.)
NT1 Annular Space
NT2 Toroidal Configuration
NT1 Circular Configuration

NT1 Conical Configuration
NT1 Cylindrical Configuration
NT1 Elliptical Configuration
NT1 Helical Configuration
NT1 Hexagonal Configuration
NT1 Prismatic Configuration
NT1 Rectangular Configuration
NT2 Square Configuration
NT1 Shape
NT2 Parabolas
NT2 Troposkien Shape
NT1 Spherical Configuration
NT1 Spiral Configuration
NT1 Triangular Configuration
RT Anisotropy
RT Asymmetry
RT Crystal Faces
RT Crystal Structure
RT Isotropy
RT Morphology
RT Network Analysis
RT Orientation
RT Plates
RT Reactor Lattices
RT Rings
RT Rods
RT Slabs
RT Spheres
RT Spheroids
RT Symmetry
RT Tubes

CONFIGURATION CONTROL [01]
NT1 Spectral Shift Control
RT Moderators
RT Neutron Reflectors
RT Reactor Control Systems
RT Reactor Lattices
RT Reflector Savings
DEF Reactor control by varying the configuration of the fuel, reflector, coolant or moderator.

Configuration Dependence
DA August 1979
USE Spatial Dependence

CONFIGURATION INTERACTION [01]
(Not an interaction in the sense of INTERACTIONS.)
RT Atomic Models
RT Electronic Structure
RT Molecular Structure

CONFIGURATION MIXING [01]
BT1 Interactions

CONFINEMENT [01]
NT1 Plasma Confinement
NT2 Inertial Confinement
RT Electron Rings
RT Energy Balance
RT Ion Rings
RT Magnetic Field Configurations
RT Magnetic Insulation
RT Plasma
RT Tritium Recovery

CONFINEMENT TIME [01]
DA April 1975
RT Lawson Criterion
RT Plasma Confinement
RT Thermonuclear Devices
RT Thermonuclear Reactors
RT Time Dependence

CONFORMAL GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups
RT Conformal Invariance
RT Conformal Mapping

CONFORMAL INVARIANCE [01]
BT1 Invariance Principles
RT Conformal Groups
RT Scale Dimension
RT Scale Invariance

CONFORMAL MAPPING [01]
BT1 Topological Mapping
BT2 Transformations
RT Conformal Groups
RT Mathematics
RT Smooth Manifolds

CONGENITAL DISEASES [01]
BT1 Diseases
NT1 Downs Syndrome

CONGENITAL MALFORMATIONS [01]
BT1 Malformations
BT2 Pathological Changes
BT3 Diseases
NT1 Downs Syndrome
RT Delayed Radiation Effects
RT Fetuses
RT Genetic Effects
RT Mutations
RT Pediatrics
RT Teratogenesis

CONGLOMERATES [01]
BT1 Rocks
NT1 Calcretes

Congo Democratic Republic
USE Zaire Republic

Congo Kinshasa TRIGA Reactor
USE Trico Reactor

CONGO PEOPLES REPUBLIC [01]
BT1 Africa
NT1 Brazzaville

CONGO RED [01]
BT1 Amines
BT2 Organic Compounds
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Indicators
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Benzidine

Congressional Hearings
DA November 1975
USE Hearings

CONICAL CONFIGURATION [01]
DA September 1975
BT1 Configuration

CONIDIA [01]
BT1 Spores
RT Fungi

CONIFERS [01]
BT1 Plants
NT1 Pines
RT Trees

Coning
DA March 1976
USE Channeling

Conjugate Points
USE Geomagnetic Conjugacy

CONJUNCTIVA [01]
BT1 Eyes
BT2 Sense Organs
BT3 Organs
BT4 Body
BT1 Mucous Membranes
RT Conjunctivitis
RT Epithelium

CONJUNCTIVITIS [01]
BT1 Sense Organs Diseases
BT2 Diseases
RT Conjunctiva

CONNAH QUAY-B REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

CONNATE WATER
DA January 1975
BT1 Interstitial Water
BT2 Ground Water
BT3 Water
BT4 Hydrogen Compounds
BT4 Oxygen Compounds
DEF Water entrapped in the interstices of a sedimentary or extrusive igneous rock at the time of its deposition.

CONNECTICUT [01]
BT1 North Atlantic Region
RT Connecticut River
RT Connecticut River Basin

CONNECTICUT RIVER [01]
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Connecticut
RT Connecticut River Basin
RT Massachusetts
RT New Hampshire
RT Vermont

CONNECTICUT RIVER BASIN
DA September 1977
RT Connecticut
RT Connecticut River
RT Massachusetts
RT New Hampshire
RT Vermont

CONNECTICUT YANKEE REACTOR [01]
UF *Haddam Neck Reactor*
UF *Yankee Connecticut Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Connecting
USE Fastening

Connections
USE Joints

CONNECTIVE TISSUE [01]
BT1 Tissues
BT2 Body
NT1 Adipose Tissue
NT1 Bone Tissues
NT2 Antlers
NT2 Trabecular Bone
NT1 Cartilage
NT1 Fascia
NT1 Ligaments
RT Blood
RT Collagen
RT Connective Tissue Cells
RT Fibrosis
RT Reticuloendothelial System

CONNECTIVE TISSUE CELLS [01]
UF *Osteoblasts*
BT1 Somatic Cells
BT2 Animal Cells

NT1 Bone Cells
NT1 Bone Marrow Cells
NT1 Fat Cells
NT1 Fibroblasts
NT1 Lymphocytes
NT1 Macrophages
NT1 Mast Cells
NT1 Plasma Cells
RT Connective Tissue

CONNECTORS [01]
BT1 Conductor Devices
BT2 Electrical Equipment
BT3 Equipment
RT Potheads
RT Switches

CONOCO PROCESS
DA November 1976
RT Desulfurization
RT Low BTU Gas
DEF Desulfurization of low Btu gas from coal gasification by reacting H_2S with $CaCO_3.MgO$ at 1775°F and 15 atm to form CaS.MgO.

Conservation (Resource)
DA September 1975
USE Resource Conservation

CONSERVATION LAWS [01]
RT Basic Interactions
RT Continuity Equations
RT Invariance Principles
RT Particle Kinematics

CONSOL FGD PROCESS
DA August 1977
RT Desulfurization
RT Scrubbers
DEF Concentrated aqueous solution of potassium thiosulfate is circulated through a pump-around loop containing a packed bed scrubber for SO_2 removal and an external reaction drum.

CONSOL STIRRED BED PROCESS
DA November 1975
RT Carbonization
RT Chars
DEF Fluidized-bed carbonization of ground coal in vessel equipped with stirrer blades.

Consol Synthetic Fuel Process
DA January 1975
USE CSF Process

CONSOL SYNTHETIC GAS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Coarse caking coal and non-caking pellets are gasified conventionally in a fixed bed to produce a low-BTU gas with air or a synthesis gas with oxygen.

CONSOLES [01]
RT Display Devices
RT Electronic Equipment

Consolidated Edison Thorium Reactor
USE Indian Point-1 Reactor

CONSORT-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

CONSPIRACY RELATIONS [01]
RT Regge Poles
RT Scattering

CONSTANTAN [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys

Constanza Reactor
USE AGN-201-110 Reactor

CONSTIPATION [01]
DA June 1975
BT1 Symptoms
RT Diarrhea
RT Digestive System Diseases
RT Intestines

Constituent Interchange Model
DA April 1978
USE CIM Model

CONSTRUCTION [01]
UF *Building (Constructing)*
NT1 CWIP
RT AFUDC
RT Buildings
RT Construction Industry
RT Contracts
RT Excavation
RT Foundations
RT Installation
RT Mechanical Structures
RT Modifications
RT Nuclear Industry
RT Planning
RT Retrofitting
RT Structural Beams

CONSTRUCTION INDUSTRY
DA September 1977
BT1 Industry
RT Buildings
RT Construction

CONSTRUCTION PERMITS [01]
DA March 1978
BT1 Licenses

Construction Work in Progress
DA November 1978
USE CWIP

CONSTRUCTIVE FIELD THEORY [01]
DA March 1978
UF *Euclidean Quantum Field Theory*
BT1 Quantum Field Theory
BT2 Field Theories

CONSUMER GUIDES
DA June 1977
RT Consumer Products
RT Consumer Protection
RT Energy Conservation

CONSUMER PRODUCTS
DA October 1977
RT Advertising
RT Consumer Guides
RT Consumer Protection

CONSUMER PROTECTION
DA June 1977
RT Consumer Guides
RT Consumer Products
RT Legal Aspects
RT Product Labeling
RT Public Relations
RT Regulations

Consumers Michigan Palisades Reactor
USE Palisades-1 Reactor

Consumers Power Company Midland-1
USE Midland-1 Reactor

Consumers Power Company Midland-2
USE Midland-2 Reactor

CONSUMPTION RATES
(For actions, ratios, percentages; not for consumption as a function of time.)
DA April 1975
RT Energy Consumption
RT Fuel Consumption

Contact Radiotherapy
USE Radiotherapy

Contactors
USE Switches

Contacts (Electric)
USE Electric Contacts

CONTAINED EXPLOSIONS [01]
BT1 Underground Explosions
BT2 Explosions
NT1 Almendro Event
NT1 Baneberry Event
NT1 Benham Event
NT1 Boxcar Event
NT1 Cannikin Event
NT1 Carpetbag Event
NT1 Gasbuggy Event
NT1 Halfbeak Event
NT1 Handley Event
NT1 Monique Event
NT1 Pin Stripe Event
NT1 Pokhran Event
NT1 Rio Blanco Event
NT1 Rulison Event
NT1 Scotch Event
NT1 Wagon Wheel Event
RT Anvil Project
RT Arbor Project
RT Chemical Explosions
RT Mining
RT Nuclear Explosions
RT Plowshare Project
RT Surface Mining
RT Underground Mining
RT Vela Project

CONTAINERS [01]
UF *Vessels*
NT1 Calandrias
NT1 Capsules
NT1 Casks
NT2 Spent Fuel Casks
NT1 Dewars
NT1 Gas Cylinders
NT1 Hoppers
NT1 Pressure Vessels
NT1 Reactor Vessels
NT1 Tanks
NT2 Accumulators
RT Containment
RT Coverings
RT Liners
RT Outages
RT Packaging
RT Radiation Sources
RT Reactor Components
RT Shielding
RT Transport

CONTAINMENT [01]
NT1 Containment Buildings
NT1 Containment Shells
NT1 Containment Systems
NT2 Containment Spray Systems
NT1 Oil Pollution Containment
RT Containers
RT Containment Mockup Facility
RT Containment Research Installation
RT Fission Products
RT Gloveboxes
RT Leaks
RT Radiation Protection
RT Reactor Components
RT Reactor Safety

RT Sealed Sources

CONTAINMENT BUILDINGS [01]
UF *Buildings (Containment)*
BT1 Containment

CONTAINMENT MOCKUP FACILITY [01]
BT1 Reactor Safety Experiments
RT Containment

CONTAINMENT RESEARCH INSTALLATION [01]
BT1 Reactor Safety Experiments
RT Containment

CONTAINMENT SHELLS [01]
UF *Shells (Containment)*
BT1 Containment

CONTAINMENT SPRAY SYSTEMS [01]
UF *Spray Systems (Containment)*
BT1 Containment Systems
BT2 Containment
BT2 Engineered Safety Systems
RT Pressure Suppression
RT Reactor Safety

CONTAINMENT SYSTEMS [01]
BT1 Containment
BT1 Engineered Safety Systems
NT1 Containment Spray Systems
RT Containment Systems Experiment
RT Fission Products
RT Ice Condensers

CONTAINMENT SYSTEMS EXPERIMENT [01]
BT1 Reactor Safety Experiments
RT Containment Systems

CONTAMINATION [01]
NT1 Surface Contamination
NT1 Transfrontier Contamination
RT Body Burden
RT Clean Rooms
RT Contamination Regulations
RT Environment
RT Fallout
RT Global Aspects
RT Liquid Contamination Monitors
RT Maximum Acceptable Contamination
RT Medical Surveillance
RT OECD MCMSDRW
RT Radioactive Wastes
RT Radioactivity
RT Radioactivity Transport
RT Radioecological Concentration
RT Surface Contamination Monitors

Contamination (Internal)
USE Radionuclide Kinetics

Contamination (Surface)
USE Surface Contamination

CONTAMINATION REGULATIONS [01]
BT1 Regulations
NT1 Maximum Acceptable Contamination
RT Contamination
RT Transfrontier Contamination

Content Analysis
USE Chemical Analysis

CONTINENTAL CRUST
DA September 1977
BT1 Earth Crust
RT Earth Planet
RT Oceanic Crust

CONTINENTAL MARGIN
DA December 1978
NT1 Continental Shelf
NT1 Continental Slope
DEF The ocean floor that is between the shoreline and the abyssal ocean floor, including various provinces; the continental shelf; contiental borderland; continental slope; and the contiental rise.

CONTINENTAL SHELF [01]
DA May 1975
BT1 Continental Margin
RT Coastal Waters
RT Coastal Zone Management Act
RT Continental Slope
RT Santa Barbara Channel
RT Territorial Waters

CONTINENTAL SLOPE
DA June 1978
BT1 Continental Margin
RT Continental Shelf
DEF That part of the continental margin that is between the continental shelf and the continental rise.

CONTINUED FRACTIONS [01]
(Finite or Infinite.)
RT Analytic Functions
RT Series Expansion

CONTINUITY EQUATIONS [01]
BT1 Differential Equations
BT2 Equations
RT Conservation Laws
RT Electromagnetism
RT Fluid Flow
RT Heat Transfer

CONTINUOUS CULTURE
DA June 1978
RT Anaerobic Digestion
RT Batch Culture
RT Fermentation
RT Semibatch Culture
RT Single Cell Protein

Continuous Intake
USE Chronic Intake

Continuous Irradiation
USE Chronic Irradiation

CONTINUOUS MINERS
DA May 1978
BT1 Cutter Loaders
BT2 Mining Equipment
BT3 Equipment

Continuous Vacuum Casting
USE Vacuum Casting

CONTRACTION [01]
RT Expansion
RT Expansion Joints
RT Thermal Expansion

CONTRACTS [01]
RT Agreements
RT Bids
RT Construction
RT Delivery
RT Grants
RT Leasing

CONTRAST MEDIA [01]
SF *Chemicals*
NT1 Diodrast
NT1 Hippuran
NT1 Hypaque
NT1 Ioglycamic Acid
NT1 Lipiodol
NT1 Thorotrast
RT Biomedical Radiography

CONTROL [01]
NT1 Closed-Loop Control
NT1 Combustion Control
NT1 Humidity Control
NT1 Open-Loop Control
NT1 Optimal Control
NT1 Pressure Control
NT1 Process Control
NT1 Quality Control
NT1 Remote Control
NT1 Temperature Control
NT2 Thermoregulation
NT1 Traffic Control
RT Control Systems
RT Control Theory
RT Cybernetics
RT Decision Tree Analysis
RT Fault Tree Analysis
RT Monitoring
RT Optimization

Control (Inspection)
USE Inspection

Control (Radioactivity)
USE Radiation Monitoring

CONTROL ELEMENTS [01]
UF *Control Rods*
UF *Reactor Control Rods*
UF *Rods (Control)*
BT1 Reactor Components
NT1 Regulating Rods
NT1 Scram Rods
NT1 Shim Rods
RT Burnable Poisons
RT Control Rod Drives
RT Control Rod Worths
RT Neutron Absorbers
RT Reactor Control Systems
RT Reactor Cores
RT Reactor Kinetics
RT Rod Drop Accidents
RT Rod Drop Method
RT Rod Ejection Accidents

CONTROL EQUIPMENT [01]
BT1 Equipment
NT1 Electric Controllers
NT1 Flow Regulators
NT2 Valves
NT3 Relief Valves
NT3 Water Faucets
NT1 Fluidic Control Devices
NT1 Humidistats
NT1 Hydraulic Control Devices
NT1 Pneumatic Controllers
NT1 Pressure Regulators
NT1 Servomechanisms
NT1 Speed Regulators
NT1 Thermostats
NT2 Cryostats
RT Actuators
RT Condensation Chambers
RT Control Systems
RT Excitation Systems
RT Reactor Components
RT Solar Tracking

CONTROL ROD DRIVES [01]
BT1 Reactor Components
RT Control Elements
RT Reactor Control Systems

Control Rod Effectiveness
USE Control Rod Worths

CONTROL ROD WORTHS [01]
UF *Control Rod Effectiveness*
RT Control Elements
RT Nordheim-Scalettar Method
RT Reactor Kinetics

Control Rods
USE Control Elements

CONTROL ROOMS
DA August 1977
RT Reactor Control Systems

CONTROL SYSTEMS [01]
(For automated processes including feedback.)
NT1 Electronic Guidance
NT1 On-Line Control Systems
NT1 Reactor Control Systems

NT2 Interlocks
RT Control
RT Control Equipment
RT Energy Management Systems
RT Heliostats
RT Optimization
RT Real Time Systems
RT Systems Analysis

CONTROL THEORY [01]
DA November 1976
RT Control
RT Differential Equations
RT Feedback
RT Optimization

Control Theory (Reactor)
USE Reactor Kinetics

CONTROLLED AREAS [01]
(Areas designed by radiation protection regulations for special monitoring.)
DA March 1978
RT Nuclear Facilities
RT Radiation Monitoring
RT Radiation Protection

CONTROLLED ATMOSPHERES [01]
BT1 Atmospheres
RT Clean Rooms
RT Environment
RT Exposure Chambers
RT Heat Treatments

Controlled Terminology
USE Standardized Terminology

CONVECTION [01]
NT1 Forced Convection
NT1 Natural Convection
NT1 Thermosyphon Effect
RT Grashof Number
RT Heat Transfer
RT Mass Transfer

CONVECTIVE INSTABILITIES [01]
BT1 Plasma Instability
BT2 Instability
RT Absolute Instabilities
RT Briggs Criterion

Conventions
USE Agreements

Convergence (Series)
USE Series Expansion

CONVERSION [01]
NT1 Energy Conversion
NT2 Direct Energy Conversion
NT3 Thermionic Conversion
NT3 Thermoelectric Conversion
NT4 Thermal Batteries
NT3 Thermomagnetic Conversion
NT3 Thermophotovoltaic Conversion
NT2 Geothermal Energy Conversion
NT2 Solar Energy Conversion
NT3 Ocean Thermal Energy Conversion
NT1 External Conversion
NT1 Internal Conversion
NT2 K Conversion
NT2 L Conversion
NT2 M Conversion

Conversion (Nuclear Fuel)
USE Nuclear Fuel Conversion

CONVERSION RATIO [01]
NT1 Breeding Ratio
RT Nuclear Fuel Conversion

Converters (Analog-Digital)
USE Analog-to-Digital Converters

Converters (Digital-Analog)
USE Digital-to-Analog Converters

Converters (Electric)
DA May 1977
USE DC to DC Converters

Converters (Image)
USE Image Converters

Converters (Pulse)
USE Pulse Converters

CONVERTOL PROCESS
DA June 1977
RT Coal Preparation
DEF Process developed in West Germany for cleaning and dewatering coal-washery slurries.

CONVEX MANIFOLDS [01]
DA November 1976
BT1 Mathematical Manifolds

CONVEYORS
DA March 1977
RT Materials Handling
RT Mining Equipment

Cony
USE Pikas

Cook Inlet
DA January 1977
USE Gulf of Alaska

COOK-1 REACTOR [01]
UF *Donald C. Cook-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

COOK-2 REACTOR [01]
UF *Donald C. Cook-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

COOLANT CLEANUP SYSTEMS [01]
DA January 1975
BT1 Primary Coolant Circuits
BT2 Reactor Cooling Systems
BT3 Cooling Systems
BT3 Reactor Components

Coolant-Fuel Interactions
USE Fuel-Coolant Interactions

COOLANT LOOPS [01]
(For reactors use REACTOR COOLING SYSTEMS or IN PILE LOOPS.)
UF *Loops (Coolant)*
BT1 Cooling Systems
RT Auxiliary Water Systems
RT Bypasses
RT Closed-Cycle Cooling Systems
RT Cooling
RT Heat Transfer
RT Open-Cycle Cooling Systems

COOLANTS [01]
(See also specific coolant materials.)
NT1 Organic Coolants
RT Cooling
RT Fuel-Coolant Interactions
RT Gases
RT Heavy Water
RT Liquid Metals
RT Loss of Coolant
RT Molten Salts
RT Oils
RT Reactor Cooling Systems
RT Reactor Materials
RT Steam
RT Water

Coolers
USE Heat Exchangers

COOLING [01]
NT1 District Cooling
NT1 Evaporative Cooling
NT1 Film Cooling
NT1 Fog Cooling
NT1 Gas Cooling
NT1 Radiative Cooling
NT1 Refrigeration
NT2 Geothermal Refrigeration
NT2 Helium Dilution Refrigeration
NT2 Solar Refrigeration
NT1 Splat Cooling
NT1 Spray Cooling
NT1 Subcooling
NT1 Sublimation Cooling
RT Air Conditioning
RT Coolant Loops
RT Coolants
RT Cooling Ponds
RT Cooling Systems
RT Cooling Towers
RT Heat Exchangers
RT Heat Pumps
RT Heat Transfer
RT Heating
RT Ice Condensers
RT Mechanical Draft Cooling Towers
RT Natural Draft Cooling Towers
RT Once-Through Cooling Systems
RT Reactor Cooling Systems
RT Temperature Control
RT Temperature Noise
RT Vapor Condensation
RT Water

COOLING LOAD
DA October 1975
RT Air Conditioning
RT Heat Gain
RT Heating Load
RT Solar Heating
RT Sun Shades

COOLING PONDS
DA February 1975
UF *Ponds (Cooling)*
UF+ *Spray Ponds*
BT1 Ponds
BT1 Water Reservoirs
BT2 Surface Waters
RT Cooling
RT Cooling Systems
RT Lakes

Cooling System (Reactor)
USE Reactor Cooling Systems

COOLING SYSTEMS [01]
DA June 1975
NT1 Closed-Cycle Cooling Systems
NT1 Condenser Cooling Systems
NT1 Coolant Loops
NT1 Once-Through Cooling Systems
NT1 Open-Cycle Cooling Systems
NT1 Reactor Cooling Systems
NT2 Direct Cycle Cooling Systems
NT2 Dual Cycle Cooling Systems
NT2 Integrated Cooling Systems
NT2 Primary Coolant Circuits
NT3 Coolant Cleanup Systems
NT2 RCIC Systems
NT2 RHR Systems
NT2 Secondary Coolant Circuits
NT2 Shrouds
NT1 Thermonuclear Reactor Cooling Systems
RT Absorption Refrigeration Cycle
RT Cooling
RT Cooling Ponds
RT Cooling Towers
RT Evaporative Cooling
RT Refrigerating Machinery
RT Vapor Compression Refrigeration Cycle

Cooling Tower Packing Grids
DA February 1975

USE Packings

COOLING TOWERS [01]
UF+ *Counterflow Cooling Towers*
UF+ *Crossflow Cooling Towers*
UF+ *Dry-Type Cooling Towers*
UF+ *Wet-Type Cooling Towers*
NT1 Mechanical Draft Cooling Towers
NT1 Natural Draft Cooling Towers
RT Closed-Cycle Cooling Systems
RT Cooling
RT Cooling Systems
RT Counterflow Systems
RT Crossflow Systems
RT Evaporative Cooling
RT Heat Exchangers
RT Open-Cycle Cooling Systems
RT Packings
RT Reactor Components
RT Vapor Condensers

Cooling Water Chemical Treatment
DA February 1975
USE Water Chemistry

COOPER PAIRS [01]
RT Bose-Einstein Statistics
RT Electrons
RT Fermi Level
RT Superconductivity

COOPER REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

COORDINATED RESEARCH PROGRAMS [01]
(Research based on a common plan but carried out in various locations. To be used in coordination with institutions or countries involved.)
BT1 Research Programs
NT1 IFIP
RT International Agreements
RT International Cooperation
RT International Organizations
RT Planning

COORDINATES [01]
UF *Grids (Coordinates)*
UF *Position (Optical)*
UF *Position (Radio)*
NT1 Cartesian Coordinates
NT1 Geomagnetic Coordinates
NT1 Hylleraas Coordinates
RT Center-of-Mass System
RT Emplacement
RT Laboratory System
RT Mathematics
RT Network Analysis
RT Position Operators
RT Spatial Dependence

COORDINATION NUMBER [01]
RT Complexes
RT Coordination Valences
RT Ligands

COORDINATION VALENCES [01]
BT1 Valence
RT Complexes
RT Coordination Number
RT Crystal Lattices
RT Structural Chemical Analysis

COPEPODS
DA May 1976
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Zooplankton

COPOLYMERIZATION [01]
BT1 Polymerization
BT2 Chemical Reactions
DEF Polymerization of molecules of different types.

COPOLYMERS [01]
DA December 1975
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers

COPPER [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

COPPER 57
DA November 1977
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COPPER 58 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COPPER 59 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

COPPER 60 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COPPER 61 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COPPER 62 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COPPER 63 [01]
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Copper 63 Reactions

COPPER 64 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

COPPER 65 [01]
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

COPPER 66 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

COPPER 67 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COPPER 68 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COPPER 69 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes

BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

COPPER 70 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

COPPER ADDITIONS [01]
BT1 Copper Alloys
BT2 Alloys
NT1 Duranickel
NT1 Steel-20Kh
NT1 Steel-40Kh
NT1 Steel-Kh5m
NT1 Steel-38Khmyua
NT1 Steel-40Khn
NT1 Steel-40Khnma

COPPER ALLOYS [01]
BT1 Alloys
NT1 Alloy-GE
NT1 Alloy-Vad23
NT1 Alloy-Yundk 25Ba
NT1 Bondur
NT1 Copper Additions
NT2 Duranickel
NT2 Steel-20Kh
NT2 Steel-40Kh
NT2 Steel-Kh5m
NT2 Steel-38Khmyua
NT2 Steel-40Khn
NT2 Steel-40Khnma
NT1 Copper Base Alloys
NT2 Brass
NT3 Brass-Alpha
NT3 Brass-Beta
NT2 Bronze
NT2 Constantan
NT2 German Silver
NT2 Heusler Alloys
NT2 Manganin
NT2 Muntz Metal
NT2 Nickeline Alloy
NT2 Ounce Metal
NT2 Resistal
NT2 Tungsten Bronze
NT1 Cunico
NT1 Duralumin
NT1 HEDDUR
NT1 Illium
NT1 Lynite
NT1 Magnalium
NT1 Monel
NT1 Monel 400
NT1 Ni-O-Nel
NT1 Steel-Ehp699
NT1 Steel-In-787
NT1 Tikonal
NT1 Zamak

COPPER BASE ALLOYS [01]
BT1 Copper Alloys
BT2 Alloys
NT1 Brass
NT2 Brass-Alpha
NT2 Brass-Beta
NT1 Bronze
NT1 Constantan
NT1 German Silver
NT1 Heusler Alloys
NT1 Manganin
NT1 Muntz Metal
NT1 Nickeline Alloy
NT1 Ounce Metal
NT1 Resistal
NT1 Tungsten Bronze

COPPER 63 BEAM [01]
DA December 1978
BT1 Ion Beams
BT2 Beams

COPPER 63 BEAMS [01]
DA May 1979
BT1 Ion Beams
BT2 Beams

COPPER BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Copper Compounds
BT2 Transition Element Compounds

COPPER BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Copper Halides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Halides
BT3 Halogen Compounds

COPPER CARBIDES [01]
DA April 1975
BT1 Carbides
BT2 Carbon Compounds
BT1 Copper Compounds
BT2 Transition Element Compounds

COPPER CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Copper Compounds
BT2 Transition Element Compounds

COPPER CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Copper Halides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Halides
BT3 Halogen Compounds

COPPER COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes
NT1 Ceruloplasmin
RT Phthalocyanines

COPPER COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Copper Borides
NT1 Copper Carbides
NT1 Copper Carbonates
NT1 Copper Halides
NT2 Copper Bromides
NT2 Copper Chlorides
NT2 Copper Fluorides
NT2 Copper Iodides
NT1 Copper Hydrides
NT1 Copper Hydroxides
NT1 Copper Nitrates
NT1 Copper Nitrides
NT1 Copper Oxides
NT2 Sengierite
NT1 Copper Perchlorates
NT1 Copper Phosphates
NT2 Torbernite
NT1 Copper Phosphides
NT1 Copper Selenides
NT1 Copper Silicates
NT2 Cuprosklodowskite
NT1 Copper Silicides
NT1 Copper Sulfates
NT2 Johannite
NT1 Copper Sulfides
NT2 Chalcopyrite
NT1 Copper Tellurides
NT1 Copper Tungstates
NT1 Cuprates

COPPER FLUORIDES [01]
BT1 Copper Halides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

COPPER HALIDES
DA February 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Copper Bromides
NT1 Copper Chlorides
NT1 Copper Fluorides
NT1 Copper Iodides

COPPER HYDRIDES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

COPPER HYDROXIDES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

COPPER IODIDES [01]
BT1 Copper Halides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

COPPER IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

COPPER ISOTOPES [01]
NT1 Copper 57
NT1 Copper 58
NT1 Copper 59
NT1 Copper 60
NT1 Copper 61
NT1 Copper 62
NT1 Copper 63
NT1 Copper 64
NT1 Copper 65
NT1 Copper 66
NT1 Copper 67
NT1 Copper 68
NT1 Copper 69
NT1 Copper 70

COPPER NITRATES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

COPPER NITRIDES
DA January 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

COPPER ORES [01]
BT1 Ores

COPPER OXIDES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Sengierite
RT Cuprates

COPPER PERCHLORATES [01]
DA January 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

COPPER PHOSPHATES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
NT1 Torbernite

COPPER PHOSPHIDES
DA January 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

COPPER 63 REACTIONS [01]
DA June 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Copper 63

COPPER 65 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

COPPER SELENIDES [01]
DA October 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

COPPER SILICATES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Cuprosklodowskite

COPPER SILICIDES [01]
DA February 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

COPPER SULFATES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Johannite

COPPER SULFIDES [01]
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
NT1 Chalcopyrite

COPPER 61 TARGET [01]
DA July 1976
BT1 Targets

COPPER 63 TARGET [01]
DA July 1976
BT1 Targets

COPPER 64 TARGET [01]
DA July 1978
BT1 Targets

COPPER 65 TARGET [01]
DA July 1976
BT1 Targets

COPPER TELLURIDES [01]
DA January 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

COPPER TUNGSTATES [01]
DA June 1975
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Tungstates

COPRECIPITATION [01]
BT1 Precipitation
BT2 Separation Processes
RT Coalescence
RT Flocculation

CORAL-1 REACTOR [01]
(Uncooled.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

CORALS [01]
BT1 Cnidaria
BT2 Invertebrates
BT3 Animals

CORCHORUS [01]
BT1 Plants

Cordillera De Los Andes
USE Andes

CORDOBA REACTOR [01]
DA April 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

Cordova Quad Cities-1 Reactor
USE Quad Cities-1 Reactor

Cordova Quad Cities-2 Reactor
USE Quad Cities-2 Reactor

CORDYLITE [01]
BT1 Cerium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT1 Lanthanum Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Lanthanum Compounds
BT3 Rare Earth Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials

Core Barrel
DA July 1978
USE Coring Equipment

CORE CATCHERS [01]
DA January 1975
BT1 Reactor Components
RT Meltdown
RT Reactor Cores
DEF Structures under core for retaining molten debris following meltdown accident.

CORE FLOODING SYSTEMS [01]
BT1 ECCS
BT2 Engineered Safety Systems
BT2 Reactor Protection Systems
RT Loss of Coolant

CORE SPRAY SYSTEMS [01]
BT1 ECCS
BT2 Engineered Safety Systems
BT2 Reactor Protection Systems
RT Fog Cooled Reactors
RT Fog Cooling
RT Loss of Coolant

Cores (Drill)
USE Drill Cores

Cores (Magnet)
USE Magnet Cores

Cores (Magnetic)
USE Magnetic Cores

Cores (Nuclear)
USE Nuclear Cores

Cores (Reactor)
USE Reactor Cores

CORING EQUIPMENT
DA July 1978
UF *Core Barrel*
BT1 Drilling Equipment
BT2 Equipment

CORIOLIS FORCE [01]
RT Backbending
RT Rotation

CORIUM [01]
DA June 1977
RT Meltdown
RT Reactor Accidents
DEF Molten Mixture of fuel, cladding, and other core structural material resulting from meltdown accident.

CORK [01]
RT Wood

Corn (Maize)
USE Maize

CORN OIL [01]
UF *Maize Oil*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds

Corn Stover
DA April 1979
USE Agricultural Wastes
AND Maize

CORNEA [01]
BT1 Eyes

BT2 Sense Organs
BT3 Organs
BT4 Body

Cornell Electron-Positron Storage Ring
DA February 1979
USE CESR Storage Ring

CORNELL 2-GEV SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CORNELL 10-GEV SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

CORNELL TRIGA-MK-2 REACTOR [01]
SF *TRIGA-Mk-2 Reactor*
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Cornell University Zero Power Reactor
USE ZPR Reactor

Corona (Solar)
USE Solar Corona

CORONA COUNTERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Proportional Counters
RT Spark Counters

CORONA DISCHARGES [01]
BT1 Electric Discharges
RT Lichtenberg Figures

CORONARIES [01]
BT1 Arteries
BT2 Blood Vessels
BT3 Cardiovascular System
RT Heart
RT Heart Failure
RT Myocardial Infarction
RT Myocardium

Corral Canyon Nuclear Power Reactor-1
USE Malibu-1 Reactor

CORRECTIONS [01]
NT1 Coulomb Correction
NT1 Radiative Corrections
NT1 Rydberg Correction
RT Errors

CORRELATED-PARTICLE MODELS [01]
BT1 Particle Models
BT2 Mathematical Models
RT Correlation Functions
RT Multiple Production

Correlation Energy
USE Electron Correlation

CORRELATION FUNCTIONS [01]
BT1 Functions
RT Correlated-Particle Models
RT Reactor Noise

CORRELATIONS [01]
NT1 Angular Correlation
NT2 Perturbed Angular Correlation
NT3 Differential PAC
NT3 Integral Pac
NT1 Electron Correlation
NT1 Kramers-Kronig Correlation
RT Comparative Evaluations
RT Regression Analysis

CORROSION [01]
BT1 Chemical Reactions
NT1 Electrochemical Corrosion
NT1 Fretting Corrosion
NT1 Intergranular Corrosion
NT1 Pitting Corrosion
NT1 Stress Corrosion
RT Antifoulants
RT Corrosion Fatigue
RT Corrosion Pickling
RT Corrosion Products
RT Corrosion Protection
RT Corrosion Resistance
RT Corrosive Effects
RT Erosion
RT Failures
RT Fouling
RT Materials Testing
RT Oxidation
RT Passivity
RT Scaling
RT Surface Properties
RT Weathering

CORROSION FATIGUE
DA December 1975
BT1 Fatigue
BT2 Mechanical Properties
RT Corrosion

Corrosion Inhibition
USE Corrosion Protection

CORROSION INHIBITORS [01]
UF *Inhibitors (Corrosion)*
RT Corrosion Protection

CORROSION PICKLING [01]
BT1 Pickling
BT2 Surface Treatments
RT Corrosion

CORROSION PRODUCTS [01]
RT Corrosion
RT Oxidation
RT Oxides
RT Scaling

CORROSION PROTECTION [01]
UF *Anticorrosion*
UF *Corrosion Inhibition*
UF *Protection (Corrosion)*
NT1 Anodization
NT1 Cathodic Protection
RT Coatings
RT Corrosion
RT Corrosion Inhibitors
RT Corrosion Resistance
RT Paints
RT Passivation
RT Surface Coating

CORROSION RESISTANCE [01]
RT Corrosion
RT Corrosion Protection
RT Passivity

CORROSION RESISTANT ALLOYS [01]
BT1 Alloys
NT1 Stainless Steels
NT2 Durco
NT2 Stainless Steel-16-8-2
NT2 Stainless Steel-18-8
NT2 Stainless Steel-18-10
NT2 Stainless Steel-20-25
NT2 Stainless Steel-301
NT2 Stainless Steel-302
NT2 Stainless Steel-304
NT2 Stainless Steel-305
NT2 Stainless Steel-308
NT2 Stainless Steel-309
NT2 Stainless Steel-310
NT2 Stainless Steel-316
NT2 Stainless Steel-317
NT2 Stainless Steel-318
NT2 Stainless Steel-321
NT2 Stainless Steel-329
NT2 Stainless Steel-330
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Stainless Steel-403
NT2 Stainless Steel-405
NT2 Stainless Steel-406
NT2 Stainless Steel-410
NT2 Stainless Steel-416
NT2 Stainless Steel-422
NT2 Stainless Steel-430
NT2 Stainless Steel-431
NT2 Stainless Steel-440
NT2 Stainless Steel-446
NT2 Stainless Steel-AM-350
NT2 Stainless Steel-19-9DL
NT2 Stainless Steel-Fv-548
NT2 Stainless Steel-304L
NT2 Stainless Steel-308L
NT2 Stainless Steel-316L
NT2 Stainless Steel-17-4PH
NT2 Stainless Steel-17-7Ph
NT2 Stainless Steel-Ph-15-7-Mo
NT2 Stainless Steel-309S
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z6cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z2cnd17-12
NT2 Stainless Steel-Z3cnd17-12
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4449
NT2 Steel-DIN-1-4948
NT2 Steel-DIN-1-6770
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh18
NT2 Steel-03Kh13ag13
NT2 Steel-0Kh18g8n2t
NT2 Steel-Kh14k9n6m5
NT2 Steel-000Kh18n13
NT2 Steel-000Kh20n20
NT2 Steel-7Kh18n9
NT2 Steel-Kh18n8
NT2 Steel-Kh18n9
NT2 Steel-18Kh16n6
NT2 Steel-Kh23n18
NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-40Kh13n8g8
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-40Kh2n5sm
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-00Kh20n32t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-2Kh18n8v2
NT2 Steel-4Kh14nv2m

NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-Kh14n8yum2
NT2 Steel-1Kh12v2mf
NT2 Steel-Kn15n9yu
NT2 Steel-Kn15n7yum2
NT2 Steel-N36khtyu
NT2 Steel-OOOKh20n16ag6
NT2 Steel-Vzh102
NT2 Steel-X6crni1811
NT2 Sweetalloy
NT2 Tenelon
NT2 Timken Alloys
NT1 Steel-37Khn3t
RT Austenitic Steels
RT Hastelloys

CORROSIVE EFFECTS
DA February 1975
RT Corrosion

Cortex (Adrenal)
USE Adrenal Glands

Cortex (Cerebral)
USE Cerebral Cortex

Corticoids
USE Corticosteroids

CORTICOSTEROIDS [01]
UF *Corticoids*
BT1 Adrenal Hormones
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
BT1 Pregnanes
BT2 Steroids
BT3 Organic Compounds
NT1 Glucocorticoids
NT2 Corticosterone
NT2 Cortisone
NT2 Dexamethasone
NT2 Hydrocortisone
NT2 Prednisolone
NT2 Prednisone
NT1 Mineralocorticoids
NT2 Aldosterone
NT2 DOCA
RT ACTH
RT Androgens
RT Cushing Syndrome

CORTICOSTERONE [01]
BT1 Glucocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

Cortisol
USE Hydrocortisone

CORTISONE [01]
BT1 Glucocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

CORUNDUM [01]
BT1 Aluminium Oxides
BT2 Aluminium Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
NT1 Ruby
NT1 Sapphire

CORVUSITE [01]
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

CORYNEBACTERIUM PARVUM [01]
DA June 1978
BT1 Bacteria
BT2 Microorganisms
RT Immunotherapy

COSMIC DUST [01]
BT1 Dusts
RT Interstellar Grains
RT Interstellar Space
RT Nebulae
RT Star Accretion

COSMIC ELECTRONS
(Prior to July, 1975 information was indexed to ELECTRONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions

COSMIC GAMMA BURSTS [01]
BT1 Primary Cosmic Radiation
BT2 Cosmic Radiation
BT3 Ionizing Radiations
BT4 Radiations
RT Cosmic Gamma Sources

Cosmic Gamma Rays
DA February 1979
USE Cosmic Photons

COSMIC GAMMA SOURCES [01]
BT1 Cosmic Ray Sources
RT Cosmic Gamma Bursts
RT Cosmic Photons
RT Gamma Astronomy
RT Gamma Radiation
RT Primary Cosmic Radiation

COSMIC GASES [01]
BT1 Gases
BT2 Fluids
RT Interstellar Grains
RT Interstellar Space
RT Nebulae
RT Optical Depth Curve
RT Spectroscopic Curve of Growth

COSMIC KAONS
(Prior to July, 1975 information was indexed to KAONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Kaons
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

COSMIC MUONS
(Prior to July, 1975 information was indexed to MUONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Muons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions

COSMIC NEUTRINOS
(Prior to July, 1975 information was indexed to NEUTRINOS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles

COSMIC NEUTRONS
(Prior to July, 1975 information was indexed to NEUTRONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

Cosmic Noise
USE Radio Noise

COSMIC NUCLEI
(Prior to July , 1975 information was indexed to NUCLEI.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Nuclei

Cosmic Particles
USE Cosmic Radiation

COSMIC PHOTONS
(Prior to July, 1975 information was indexed to PHOTONS.)
DA July 1975
UF *Cosmic Gamma Rays*
UF *Cosmic X Rays*
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Photons
BT2 Massless Particles
BT3 Elementary Particles
RT Cosmic Gamma Sources
RT Cosmic X-Ray Sources
RT X-Ray Galaxies

COSMIC PIONS
(Prior to July, 1975 information was indexed to PIONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Pions
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles

COSMIC POSITRONS
(Prior to July, 1975 information was indexed to POSITRONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Positrons

BT2 Antileptons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions

COSMIC PROTONS
(Prior to July, 1975 information was indexed to PROTONS.)
DA July 1975
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

COSMIC RADIATION [01]
(From sources other than the sun; not for SOLAR RADIATION.)
UF *Cosmic Particles*
BT1 Ionizing Radiations
BT2 Radiations
NT1 Cosmic Electrons
NT1 Cosmic Kaons
NT1 Cosmic Muons
NT1 Cosmic Neutrinos
NT1 Cosmic Neutrons
NT1 Cosmic Nuclei
NT1 Cosmic Photons
NT1 Cosmic Pions
NT1 Cosmic Positrons
NT1 Cosmic Protons
NT1 Hard Component
NT1 Primary Cosmic Radiation
NT2 Cosmic Gamma Bursts
NT1 Secondary Cosmic Radiation
NT2 Cosmic Showers
NT3 Extensive Air Showers
NT1 Soft Component
RT Background Radiation
RT Centauro-Type Events
RT Cosmic Radio Sources
RT Cosmic Ray Flux
RT Cosmic Ray Propagation
RT East-West Asymmetry
RT Forbush Decrease
RT Gamma Astronomy
RT North-South Asymmetry
RT Positive Excess
RT Solar Radiation
RT Space Flight
RT Supersonic Transport
RT Threshold Rigidity

COSMIC RADIO SOURCES [01]
NT1 H1 Regions
NT1 H2 Regions
NT1 Pulsars
NT1 Quasars
NT2 Blue Stellar Objects
NT1 Radio Galaxies
NT1 Supernova Remnants
NT2 Crab Nebula
RT Cosmic Radiation
RT Cosmic Ray Sources
RT Radioastronomy
RT Radiowave Radiation

COSMIC RAY DETECTION [01]
BT1 Radiation Detection
BT2 Detection
RT Charged Particle Detection
RT Cosmic Ray Spectrometers
RT Muon Detection
RT Radiation Detectors
RT Shower Counters
RT Telescope Counters

COSMIC RAY FLUX [01]
UF *Flux (Cosmic Ray)*
BT1 Radiation Flux
RT Cosmic Radiation
RT Cosmic Ray Propagation

COSMIC RAY PROPAGATION [01]
RT Cosmic Radiation
RT Cosmic Ray Flux

COSMIC RAY SOURCES [01]
NT1 Cosmic Gamma Sources
NT1 Cosmic X-Ray Sources
NT2 X-Ray Galaxies
RT Cosmic Radio Sources
RT Primary Cosmic Radiation

COSMIC RAY SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Cosmic Ray Detection

COSMIC SHOWERS [01]
BT1 Secondary Cosmic Radiation
BT2 Cosmic Radiation
BT3 Ionizing Radiations
BT4 Radiations
BT1 Showers
NT1 Extensive Air Showers
RT Cascade Showers
RT Centauro-Type Events

COSMIC X-RAY SOURCES [01]
BT1 Cosmic Ray Sources
NT1 X-Ray Galaxies
RT Cosmic Photons
RT Gamma Astronomy
RT Primary Cosmic Radiation
RT X Radiation

Cosmic X Rays
DA February 1979
USE Cosmic Photons

COSMOCHEMISTRY [01]
BT1 Chemistry
RT Chemical Composition
RT Nucleosynthesis

Cosmogony
USE Cosmology

COSMOLOGICAL MODELS [01]
UF *Einstein-De Sitter Model*
UF *Models (Cosmological)*
BT1 Mathematical Models
RT Expansion
RT Galactic Evolution
RT General Relativity Theory
RT Planet-System Accretion
RT Protoplanets
RT Protostars
RT Solar Nebula
RT Star Accretion
RT Universe

COSMOLOGY [01]
UF *Cosmogony*
NT1 Dirac Cosmology
RT Astrophysics
RT Fundamental Constants
RT Galactic Evolution
RT Hubble Effect
RT Mach Principle
RT Matter
RT Origin
RT Red Shift
RT Relativity Theory
RT Schwarzschild Metric
RT Space-Time
RT Star Evolution
RT Universe

Cosmos
USE Universe

COSMOTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

COSO HOT SPRINGS
DA July 1979
BT1 California
BT2 USA
BT3 North America
BT2 Western Region

COSORB PROCESS
DA September 1975
RT Solvent Extraction
DEF Process for the separation of CO from gaseous mixtures by selective adsorption in unique solvent.

COST [01]
NT1 Life-Cycle Cost
NT1 Operating Cost
RT Bids
RT Budgets
RT Capital
RT Charges
RT Cost Benefit Analysis
RT Economics
RT Financing
RT Fuel Cycle
RT Inflation
RT Investment
RT Nuclear Materials Management
RT Payback Period
RT Present Worth Method
RT Prices
RT Procurement

COST BENEFIT ANALYSIS [01]
RT Comparative Evaluations
RT Cost
RT Economics
RT Life-Cycle Cost

COSTA RICA [01]
BT1 Central America
BT2 Latin America

COSTEAM PROCESS
DA April 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF A process involving the pumping of a slurry consisting of pulverized coal in lignite-derived oil and a stream of carbon monoxide and/or synthesis gas into a stirred reactor at 400° - 450° C and 4,000 psig.

COSTER-KRONIG TRANSITIONS [01]
BT1 Auger Effect
BT1 Energy-Level Transitions

COTTON [01]
RT Cotton Plants
RT Fibers
RT Textiles

Cotton-Mouton Effect
USE Voigt Effect

COTTON PLANTS [01]
BT1 Plants
RT Boll Weevil
RT Bollworm
RT Cotton

COTTONWOODS
DA March 1979
BT1 Trees
BT2 Plants

COUETTE FLOW [01]
BT1 Viscous Flow
BT2 Fluid Flow

Coulomb Attraction
USE Coulomb Field

Coulomb Barrier
USE Coulomb Field

COULOMB CORRECTION [01]
BT1 Corrections
RT Electromagnetic Interactions

COULOMB ENERGY [01]
BT1 Energy
RT Binding Energy

RT Nolen-Schiffer Anomaly

COULOMB EXCITATION [01]
BT1 Excitation
BT2 Energy-Level Transitions
RT Coulomb Scattering

COULOMB FIELD [01]
UF *Coulomb Attraction*
UF *Coulomb Barrier*
UF *Coulomb Potential*
UF *Coulomb Repulsion*
BT1 Electric Fields
RT Central Potential
RT Coulomb Ionization
RT Nuclear Screening

COULOMB IONIZATION [01]
(Ionization produced by Coulomb forces between a projectile and the target.)
DA November 1977
BT1 Ionization
RT Coulomb Field
RT Inner-Shell Ionization

Coulomb Potential
USE Coulomb Field

Coulomb Repulsion
USE Coulomb Field

COULOMB SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
RT Coulomb Excitation
RT Potential Scattering

Coulometry
USE Voltametry

COUMARIN [01]
BT1 Lactones
BT2 Esters
BT3 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pyrans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Psoralen

Council for Mutual Economic Assistance
USE COMECON

COUNTER CURRENT [01]
RT Chromatography
RT Solvent Extraction

Counterflow Cooling Towers
DA April 1975
USE Cooling Towers
AND Counterflow Systems

COUNTERFLOW SYSTEMS
DA February 1975
UF+ *Counterflow Cooling Towers*
RT Cooling Towers
RT Evaporators
RT Vapor Condensers

Counters (Radiation)
USE Radiation Detectors

COUNTING CIRCUITS [01]
BT1 Electronic Circuits
RT Counting Ratemeters
RT Counting Tubes
RT Pulse Circuits
RT Pulse Techniques
RT Radiation Detection
RT Radiation Detectors
RT Scalers
RT Switching Circuits

COUNTING RATEMETERS [01]
UF *Ratemeters (Counting)*
BT1 Electronic Equipment
NT1 Linear Ratemeters
NT1 Logarithmic Ratemeters
RT Counting Circuits
RT Counting Rates
RT Exposure Ratemeters
RT Pulse Integrators
RT Pulse Techniques

COUNTING RATES [01]
RT Counting Ratemeters

COUNTING TECHNIQUES [01]
NT1 Absolute Counting
NT1 Charge Plunger Method
NT1 Cherenkov Counting
NT1 Coincidence Methods
NT2 Tagged Photon Method
NT1 Four-Pi Counting
NT1 Low Level Counting
NT1 Photoelectron Counting
NT1 Radioisotope Scanning
NT2 Scintiscanning
NT1 Scintillation Counting
NT1 Whole-Body Counting
RT Activity Meters
RT Anticoincidence
RT Coincidence Spectrometry
RT Electronic Circuits
RT Electronic Equipment
RT Hodoscopes
RT Position Sensitive Detectors
RT Pulse Techniques
RT Radiation Detectors
RT Recording Systems
RT Telescope Counters

COUNTING TUBES [01]
UF *Dekatrons*
UF *Trochotrons*
BT1 Electron Tubes
RT Counting Circuits
RT Pulse Techniques
RT Scalers

Couple Corrosion
USE Electrochemical Corrosion

COUPLED CHANNEL BORN APPROXIMATION [01]
UF *CCBA*
BT1 Born Approximation
RT Coupled Channel Theory
RT Nuclear Reaction Kinetics
RT Nuclear Reactions
RT Scattering

COUPLED CHANNEL THEORY [01]
RT Collisions
RT Coupled Channel Born Approximation
RT Nuclear Reactions

Coupled Fast Reactor Measurement Facility
USE CFRMF Reactor

COUPLED REACTOR CORES [01]
BT1 Reactor Cores
BT2 Reactor Components

COUPLING [01]
(Not for joining.)
NT1 Intermediate Coupling
NT2 J-J Coupling
NT2 L-S Coupling
NT1 Pseudovector Coupling
NT1 Ruderman-Kittel Coupling
RT Bootstrap Model
RT Bound State
RT Coupling Constants
RT Decoupling
RT Electron-Electron Coupling
RT Goldberger-Treiman Relation
RT Impulse Approximation
RT Interactions
RT Strong-Coupling Model
RT Weak-Coupling Model

COUPLING CONSTANTS [01]
RT Coupling

COUPLINGS
DA September 1976
RT Fasteners
RT Joining

COURTS [01]
DA June 1977
RT Hearings
RT Lawsuits

COVALENCE [01]
UF *Covalency*
RT Binding Energy

Covalency
USE Covalence

COVER GAS [01]
DA May 1975
BT1 Inert Atmosphere
DEF The inert gas blanket over the liquid metal in a liquid metal cooled reactor.

COVERINGS
DA April 1975
UF *Casings*
RT Coatings
RT Containers
RT Glazing Materials
RT Shells
RT Shutters
RT Tubes

Cow-Milkers
USE Radioisotope Generators

COWBOY EVENT [01]
BT1 Chemical Explosions
BT2 Explosions
BT1 Vela Project

COWS [01]
BT1 Cattle
BT2 Domestic Animals
BT3 Animals
BT2 Ruminants
BT3 Mammals
BT4 Vertebrates
BT5 Animals
RT Milk

CP INVARIANCE [01]
BT1 Invariance Principles

CP-3M REACTOR [01]
UF *Argonne Heavy Water Modified Reactor*
UF *CP-3'* $\}_{735}\pi\Lambda\omega$
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CP-1 REACTOR [01]
UF *Chicago Pile-1 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CP-2 REACTOR [01]
UF *Chicago Pile-2 Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors

BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CP-3 REACTOR [01]
UF *Argonne Heavy Water Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CP-3' }735πΛω
USE CP-3M Reactor

CP-5 REACTOR [01]
UF *Argonne Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

CP-6 REACTOR [01]
UF *AHFR Reactor*
UF *Argonne Advanced Research Reactor*
UF *Argonne High Flux Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

CP-11 Reactor
USE Argonaut Reactor

CPB [01]
UF *Competitive Protein Binding*
NT1 PBI
RT Antigen-Antibody Reactions
RT Proteins
RT Radioassay
RT Radioimmunoassay

CPDTA [01]
UF *Cyclopentanediaminetetraacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

CPT THEOREM [01]
BT1 Invariance Principles

CPU-400 COMBUSTION PLANT
DA January 1976
BT1 Waste Processing Plants
BT2 Industrial Plants
RT Combustion
RT Solid Wastes
RT Thermal Power Plants
RT Waste Processing

CRAB NEBULA [01]
BT1 Nebulae
BT1 Supernova Remnants
BT2 Cosmic Radio Sources
RT Pulsars

Crabs
USE Crustaceans

CRACKING [01]
BT1 Pyrolysis
BT2 Decomposition
BT3 Chemical Reactions
BT2 Thermochemical Processes
NT1 Catalytic Cracking
NT1 Hydrocracking
NT1 Thermal Cracking

CRACKS [01]
RT Ceramography
RT Defects
RT Fracture Properties
RT Fractures
RT Geologic Fissures
RT Notches
RT Stress Intensity Factors

CRACOW C-48 CYCLOTRON [01]
DA February 1979
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

CRACOW U-120 CYCLOTRON
DA May 1979
BT1 Cyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators
BT1 Heavy Ion Accelerators
BT2 Accelerators

CRAFTSMEN
DA August 1978
BT1 Personnel
RT Manpower
RT Occupations

CRANES [01]
RT Hoists
RT Materials Handling

CRANKING MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Deformed Nuclei
RT Governor Model

CRATERING EXPLOSIONS [01]
BT1 Explosions
NT1 Cabriolet Event
NT1 Danny Boy Event
NT1 Palanquin Event
NT1 Pre-Gondola I Event
NT1 Pre-Gondola II Event
NT1 Schooner Event
NT1 Sedan Event
RT Chemical Explosions
RT Craters
RT Mining
RT Nuclear Excavation
RT Nuclear Explosions
RT Plowshare Project
RT Surface Explosions
RT Surface Mining
RT Underground Explosions
RT Underground Mining

CRATERS [01]
BT1 Cavities
RT Cratering Explosions
RT Excavation
RT Openings
RT Surface Explosions
RT Underground Explosions

CRAY COMPUTERS
DA July 1977
BT1 Computers

CRE
USE Cumulative Radiation Effects

CREATINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Creatinine
RT Phosphocreatine

CREATININE [01]
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Imines
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Creatine

CREATION OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
RT Second Quantization
RT Vacuum States

Creeks
USE Streams

CREEP [01]
BT1 Mechanical Properties
RT Plasticity
RT Stress Relaxation

CREPIS [01]
BT1 Plants

CRESOLS [01]
UF *Cresylic Acid*
UF *Hydroxytoluenes*
UF *Methyl Phenols*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds

Cresylic Acid
USE Cresols

CRETACEOUS PERIOD
DA October 1977
BT1 Mesozoic Era
BT2 Geologic Ages

CRG PROCESSES
DA March 1976
UF *British Gas Corporation Process*
UF *Catalytic Rich Gas Process*
RT High BTU Gas
RT Synthetic Fuels

Cricetulus
USE Hamsters

CRIME DETECTION [01]
UF *Forensic Science*
RT Activation Analysis
RT Chemical Analysis
RT Criminology
RT Tracer Techniques

CRIMEA
DA July 1978
BT1 USSR
BT2 Europe

CRIMINOLOGY
DA November 1976
RT Crime Detection

CRISTOBALITE [01]
BT1 Minerals
BT1 Silicon Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds

BT2 Silicon Compounds
DEF A mineral like quartz, SiO_2, present in many siliceous volcanic rocks.

Critical Assemblies
USE Zero Power Reactors

CRITICAL CURRENT [01]
BT1 Electric Currents
BT2 Currents
RT Superconductivity

Critical Experiments Facility Oak Ridge
USE OR-CEF Reactor

CRITICAL FIELD [01]
BT1 Magnetic Fields
RT Superconductivity

CRITICAL FLOW [01]
BT1 Fluid Flow
RT Critical Velocity
RT Laminar Flow
RT Turbulent Flow
DEF Fluid flow at a critical velocity, e.g. flow at the point at which it changes from laminar to turbulent.

CRITICAL FREQUENCY
DA April 1975
RT Ionosphere
RT Radiowave Radiation
DEF The frequency below which radiation emitted at any angle from an antenna on the earth is reflected back.

Critical Heat Flow
USE Departure Nucleate Boiling

CRITICAL HEAT FLUX [01]
BT1 Heat Flux
RT Heat Transfer
RT High Temperature
RT Ultrahigh Temperature
RT Very High Temperature

CRITICAL MASS [01]
RT Criticality
RT Reflector Savings

Critical Mass Laboratory PNL
USE CML Reactor

CRITICAL ORGANS [01]
BT1 Organs
BT2 Body

Critical Path Method
USE Pert Method

CRITICAL PRESSURE [01]
UF *Pressure (Critical)*
BT1 Thermodynamic Properties
BT2 Physical Properties

CRITICAL SIZE [01]
BT1 Size
RT Criticality
RT Reflector Savings

CRITICAL TEMPERATURE [01]
(For superconducting transition use TRANSITION TEMPERATURE.)
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Heat Treatments
RT Phase Diagrams
RT Phase Transformations

CRITICAL VELOCITY [01]
BT1 Velocity
RT Critical Flow

CRITICALITY [01]
UF+ *Criticality Accidents*
RT Buckling
RT Chain Reactions
RT Critical Mass
RT Critical Size
RT Fission
RT Multiplication Factors
RT Natural Nuclear Reactors
RT Reactor Kinetics
RT Reactor Safety
RT Reactors
RT Reflector Savings
RT Response Matrix Method
RT Subcriticality

Criticality Accidents
USE Criticality
AND Radiation Accidents

CRNL MP TANDEM ACCELERATOR [01]
DA August 1976
UF *Mp Tandem Accelerator*
BT1 Tandem Electrostatic Accelerators
BT2 Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators
BT1 Van de Graaff Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators

CROCAR [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Cobalt Additions
BT2 Cobalt Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

CROCUS REACTOR [01]
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

CROLOY [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

CROPS [01]
RT Agriculture
RT Biomass Plantations
RT Cereals
RT Cultivation
RT Cultivation Techniques
RT Food
RT Fruits
RT Ground Cover
RT Harvesting
RT Hydroponic Culture
RT Soil Conservation
RT Sugar Cane
RT Tobacco
RT Vegetables
RT Vernalization

CROSS-LINKING [01]
UF+ *Radiation Curing*
BT1 Polymerization
BT2 Chemical Reactions

CROSS-RIDGE MINING
DA July 1978
BT1 Surface Mining
BT2 Mining
RT Coal Mining
DEF Mining beginning and progressing perpendicularly to the long axis of a mountain ridge.

CROSS SECTIONS [01]
NT1 Differential Cross Sections
NT1 Excitation Functions
NT1 Group Constants
NT1 Integral Cross Sections
NT1 Total Cross Sections
RT Breit-Wigner Formula
RT CINDA
RT Detailed Balance Principle
RT Four Momentum Transfer
RT Giant Resonance
RT Giant Resonance Model
RT Intermediate Resonance
RT Intermediate Structure
RT Mean Free Path
RT Multilevel Analysis
RT Nuclear Reactions
RT Peierls Method
RT Reciprocal V Law
RT Rosenbluth Formula
RT Shadow Effect
RT Transfer Matrix Method

Crossed Beams
DA November 1978
USE Colliding Beams

CROSSED FIELDS [01]
UF *Fields (Crossed)*
RT Electric Fields
RT Magnetic Fields

Crossflow Cooling Towers
DA April 1975
USE Cooling Towers
AND Crossflow Systems

CROSSFLOW SYSTEMS
DA February 1975
UF+ *Crossflow Cooling Towers*
RT Cooling Towers
RT Evaporators
RT Vapor Condensers

CROSSING-OVER [01]
RT Chromosomes
RT Gene Recombination
RT Meiosis
RT Mitosis

CROSSING SYMMETRY [01]
BT1 Symmetry
RT Scattering Amplitudes

CROSSROADS PROJECT [01]
UF *Project (Crossroads)*
RT Atmospheric Explosions
RT Nuclear Explosions
RT Underwater Explosions

CROTON OIL [01]
UF *Tiglium Oil*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds

CROTONIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

CROWDIONS [01]
BT1 Line Defects
BT2 Crystal Defects
BT3 Crystal Structure
RT Interstitials

Crowfoot
USE Ranunculaceae

Crown Ethers
DA November 1977
USE Polyethylene Glycols

CRUCIBLES [01]
RT Casting
RT Furnaces
RT Melting

Crude Carriers
DA August 1976
USE Tanker Ships

Crude Oil
USE Petroleum

CRUISE MISSILES
DA May 1979
BT1 Missiles

CRUSHING [01]
BT1 Comminution
RT Coal Preparation
RT Fragmentation
RT Ore Processing
RT Pulverizers

CRUSTACEANS [01]
UF *Crabs*
BT1 Aquatic Organisms
BT1 Arthropods
BT2 Invertebrates
BT3 Animals
NT1 Artemia
NT1 Copepods
NT1 Daphnia
NT1 Lobsters
NT1 Prawns
NT1 Shrimp
RT Plankton
RT Zooplankton

Cryocables
DA January 1975
USE Cryogenic Cables

CRYOGENIC BUBBLE CHAMBERS [01]
BT1 Bubble Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

CRYOGENIC CABLES
DA January 1975
UF *Cryocables*
BT1 Electric Cables
BT2 Cables
BT2 Conductor Devices
BT3 Electrical Equipment
BT4 Equipment
RT Superconducting Cables

CRYOGENIC FLUIDS [01]
DA October 1975
UF *Cryogens*
BT1 Fluids
NT1 Helium
NT1 Hydrogen
NT1 Methane
NT1 Nitrogen
NT1 Oxygen
RT Cryogenics

CRYOGENIC STORAGE DEVICES [01]
BT1 Memory Devices

CRYOGENICS [01]
NT1 Dewars
RT Absolute Zero Temperature
RT Adiabatic Demagnetization
RT Cryogenic Fluids
RT Cryopumps
RT Cryostats
RT Cryotrons
RT Freons
RT Helium Dilution Refrigeration
RT Helium Dilution Refrigerators
RT Hydrogen Storage
RT Low Temperature
RT Magnetic Refrigerators
RT Superconductivity
RT Superfluidity
RT Ultralow Temperature
RT Very Low Temperature

Cryogens
DA October 1975
USE Cryogenic Fluids

CRYOPUMPS [01]
BT1 Vacuum Pumps
BT2 Laboratory Equipment
BT2 Pumps
RT Cryogenics
RT High Vacuum
RT Medium Vacuum
RT Ultrahigh Vacuum

CRYOSCOPY [01]
UF *Freezing Point Depression*
RT Low Temperature
RT Molecular Weight
DEF A phase-equilibrium technique to determine molecular weight and other properties of a solute by dissolving it in a liquid solvent and then ascertaining the solvent'$\mu_{s}\omega_{77}\bullet^{+}\Omega_{9}\ ^{-}\Lambda^{+}\Omega\pi\rightleftharpoons$

CRYOSTATS [01]
BT1 Thermostats
BT2 Control Equipment
BT3 Equipment
RT Cryogenics
RT Equipment Protection Devices
RT Helium Dilution Refrigerators
RT Magnetic Refrigerators

CRYOTRONS [01]
BT1 Superconducting Devices
RT Cryogenics

CRYPT CELLS [01]
BT1 Somatic Cells
BT2 Animal Cells
RT Epithelium
RT Intestines

CRYSTAL COUNTERS [01]
UF *Diamond Counters*
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Filament Crystal Counters
RT Bulk Semiconductor Detectors

CRYSTAL DEFECTS [01]
UF *Lattice Defects*
BT1 Crystal Structure
NT1 Line Defects
NT2 Crowdions
NT2 Dislocations
NT3 Edge Dislocations
NT3 Frank-Read Source
NT3 Screw Dislocations
NT1 Point Defects
NT2 Interstitials
NT3 I Centers
NT2 Vacancies
NT3 Color Centers
NT4 A Centers
NT4 B Centers
NT4 E Centers
NT4 F Centers
NT4 H Centers
NT4 I Centers
NT4 M Centers
NT4 Q Centers
NT4 R Centers
NT4 S Centers
NT4 U Centers
NT4 V Centers
NT4 X Centers
NT4 Z Centers
NT3 Frenkel Defects
NT3 Schottky Defects
NT1 Stacking Faults
RT Cavities
RT Crystal Lattices
RT Inclusions
RT Internal Friction
RT Microstructure
RT Radiation Effects
RT Thermal Spikes
RT Varley Mechanism

CRYSTAL DOPING [01]
UF *Doping (Crystal)*
RT Bromine Additions
RT Chlorine Additions
RT Doped Materials
RT Ion Implantation
RT Trace Amounts

CRYSTAL FACES
DA June 1979
RT Catalysis
RT Configuration
RT Crystal Structure
DEF One of the outward planar surfaces which define a crystal and reflect its internal structure.

CRYSTAL FIELD [01]
RT Crystal Structure
RT Electronic Structure

CRYSTAL GROWTH [01]
UF *Growth (Crystal)*
NT1 Verneuil Method
RT Bridgman Method
RT Cleavage
RT Crystallization
RT Crystals
RT Czochralski Method
RT EFG Method
RT Epitaxy
RT Grain Growth
RT Nucleation
RT Stockbarger Method
RT Zone Melting

CRYSTAL LATTICES [01]
UF *Lattices (Crystal)*
UF *Space Lattices*
BT1 Crystal Structure
NT1 Beta-W Lattices
NT1 Cubic Lattices
NT2 Bcc Lattices
NT2 Fcc Lattices
NT1 Hexagonal Lattices
NT2 Hcp Lattices
NT1 Monoclinic Lattices
NT1 Orthorhombic Lattices
NT1 Tetragonal Lattices
NT1 Triclinic Lattices
NT1 Trigonal Lattices
RT Coordination Valences
RT Crystal Defects
RT Crystallography
RT Crystals
RT Diffraction Methods
RT Electron Channeling
RT Habit Planes
RT Ion Channeling
RT Lattice Parameters
RT Laue Method
RT Laves Phases
RT Microstructure
RT Miller Indices
RT Space Groups
RT Trapping
RT Vegard Law

CRYSTAL MODELS [01]
(For theories only.)
UF *Models (Crystal)*
BT1 Mathematical Models
NT1 Heisenberg Model
NT1 Ising Model
RT Crystal Structure

CRYSTAL-PHASE TRANSFORMATIONS [01]
BT1 Phase Transformations
RT Crystal Structure
RT Order-Disorder Transformations

CRYSTAL RIVER
DA November 1975
BT1 Rivers

BT2 Streams
BT3 Surface Waters
RT Colorado

CRYSTAL RIVER-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CRYSTAL RIVER-4 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

CRYSTAL STRUCTURE [01]
UF *Structure (Crystal)*
NT1 Crystal Defects
NT2 Line Defects
NT3 Crowdions
NT3 Dislocations
NT4 Edge Dislocations
NT4 Frank-Read Source
NT4 Screw Dislocations
NT2 Point Defects
NT3 Interstitials
NT4 I Centers
NT3 Vacancies
NT4 Color Centers
NT5 A Centers
NT5 B Centers
NT5 E Centers
NT5 F Centers
NT5 H Centers
NT5 I Centers
NT5 M Centers
NT5 Q Centers
NT5 R Centers
NT5 S Centers
NT5 U Centers
NT5 V Centers
NT5 X Centers
NT5 Z Centers
NT4 Frenkel Defects
NT4 Schottky Defects
NT2 Stacking Faults
NT1 Crystal Lattices
NT2 Beta-W Lattices
NT2 Cubic Lattices
NT3 Bcc Lattices
NT3 Fcc Lattices
NT2 Hexagonal Lattices
NT3 Hcp Lattices
NT2 Monoclinic Lattices
NT2 Orthorhombic Lattices
NT2 Tetragonal Lattices
NT2 Triclinic Lattices
NT2 Trigonal Lattices
NT1 Microstructure
NT2 Cleavage
NT2 Grain Boundaries
NT2 Grain Density
NT2 Grain Orientation
NT2 Grain Size
NT2 Widmanstaetten Structure
RT Allotropy
RT Axial Ratio
RT Configuration
RT Crystal Faces
RT Crystal Field
RT Crystal Models
RT Crystal-Phase Transformations
RT Crystallography
RT Guinier-Preston Zones
RT Kikuchi Lines
RT Lattice Vibrations
RT Order Parameters
RT Peierls-Nabarro Force
RT Physical Metallurgy
RT Solid State Physics
RT Structure Factors
RT Texture
RT Twinning

Crystal Violet
DA July 1979
USE Methyl Violet

CRYSTALLINE LENS [01]
UF *Lens (Crystalline)*
BT1 Eyes
BT2 Sense Organs
BT3 Organs
BT4 Body
RT Cataracts

CRYSTALLIZATION [01]
BT1 Phase Transformations
RT Agglomeration
RT Amorphous State
RT Cleavage
RT Crystal Growth
RT Crystals
RT Epitaxy
RT Frost
RT Mineralization
RT Nucleation
RT Precipitation
RT Purification
RT Recrystallization
RT Separation Processes
RT Solidification
RT Solubility
RT Zone Refining

CRYSTALLOGRAPHY [01]
UF *Radiocrystallography*
RT Atomic Beam Diffraction
RT Crystal Lattices
RT Crystal Structure
RT Crystals
RT Diffraction Methods
RT Electron Diffraction
RT Gamma Diffractometers
RT Neutron Diffraction
RT Neutron Diffractometers
RT Patterson Method
RT X-Ray Diffraction
RT X-Ray Diffractometers

CRYSTALS [01]
NT1 Anharmonic Crystals
NT1 Bicrystals
NT1 Dendrites
NT1 Ionic Crystals
NT1 Liquid Crystals
NT1 Molecular Crystals
NT1 Monocrystals
NT2 Whiskers
NT1 Polycrystals
NT1 Quantum Crystals
RT Clathrates
RT Crystal Growth
RT Crystal Lattices
RT Crystallization
RT Crystallography
RT Ion Implantation
RT Portevin-Le Chatelier Effect
RT Riehl-Schon Model
RT Solids
RT Umklapp Processes
RT Varley Mechanism

CS-SR PROCESS
DA October 1978
RT Coal Gasification
RT Coal Liquefaction
RT Hydrogenation
RT Pyrolysis
DEF Cities Service process for non-catalytic vapor-phase hydrogenation of carbonaceous feedstocks.

CSF PROCESS
DA January 1975
UF *Consol Synthetic Fuel Process*
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Consolidation Coal Company process for the direct conversion of coal to synthetic crude oil by hydrogenation after solvent extraction (extention and improvement over Pott-Broche Process).

CSIRO PROCESS
DA November 1975
RT Carbonization
RT Chars
RT Coal Gasification
DEF Commonwealth Scientific and Industrial Research Organization process for fluidized-bed hydrocarbonization of non-caking brown coal to produce methane, liquor, tar, and residual char.

CSREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

CT Scanning
DA March 1978
USE CAT Scanning

CUBA [01]
BT1 West Indies
BT2 Dominican Republic
BT3 Central America
BT4 Latin America

CUBIC LATTICES [01]
BT1 Crystal Lattices
BT2 Crystal Structure
NT1 Bcc Lattices
NT1 Fcc Lattices

CUCUMBERS [01]
BT1 Vegetables
BT2 Food

CUEX [01]
DA December 1975
UF *Cumulative Exposure Index*
RT Human Populations
RT ICRP
RT Integral Doses

CULTIVATION
DA December 1977
RT Agriculture
RT Crops
RT Cultivation Techniques

CULTIVATION TECHNIQUES [01]
RT Agriculture
RT Crops
RT Cultivation
RT Hydroponic Culture
RT Irrigation

CULTURAL RESOURCES
DA December 1978
RT Archaeological Specimens
RT Architecture
DEF Archaelogical and historical sites.

CULTURE MEDIA [01]
RT Cell Cultures
RT In Vitro
RT Nutrients
RT Tissue Cultures

Cultures (Cells)
USE Cell Cultures

Cultures (Tissue)
USE Tissue Cultures

CUMBERLAND RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Kentucky

RT Tennessee

CUMENE [01]
UF *Isopropylbenzene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Cumulative Exposure Index
DA December 1975
USE CUEX

CUMULATIVE RADIATION EFFECTS [01]
UF *CRE*
RT Fractionated Irradiation
RT Radiation Doses
RT Radiotherapy
RT Temporal Dose Distributions

CUNICO [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

CUPFERRON [01]
UF *Phenylhydroxylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Reagents

CUPRATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Copper Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Copper Oxides

CUPROSKLODOWSKITE [01]
BT1 Copper Silicates
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

CURCUMIN [01]
BT1 Dyes
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds

Curie Law
USE Curie-Weiss Law

CURIE POINT [01]
UF *Curie Temperaturc*
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Ferromagnetism
RT Magnetic Susceptibility

Curie Temperature
USE Curie Point

CURIE-WEISS LAW [01]
UF *Curie Law*
RT Magnetic Susceptibility

CURING
DA March 1978
RT Drying
RT Polymerization

CURITE [01]
BT1 Lead Oxides
BT2 Lead Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

CURIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

CURIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 239 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CURIUM 241 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei

CURIUM 242 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CURIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes

CURIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 249 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 251 [01]
DA May 1977
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

CURIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Curium Isotopes
BT2 Actinide Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

CURIUM ADDITIONS [01]
BT1 Curium Alloys
BT2 Actinide Alloys
BT3 Alloys

CURIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Curium Additions
NT1 Curium Base Alloys

CURIUM ARSENIDES [01]
DA June 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CURIUM BASE ALLOYS [01]
BT1 Curium Alloys
BT2 Actinide Alloys
BT3 Alloys

CURIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CURIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CURIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CURIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

CURIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

CURIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Curium Arsenides
NT1 Curium Bromides
NT1 Curium Carbides
NT1 Curium Carbonates
NT1 Curium Chlorides
NT1 Curium Fluorides
NT1 Curium Hydroxides
NT1 Curium Nitrates
NT1 Curium Nitrides
NT1 Curium Oxides
NT1 Curium Phosphides
NT1 Curium Selenides
NT1 Curium Sulfates
NT1 Curium Sulfides
NT1 Curium Tellurides

CURIUM FLUORIDES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

CURIUM HYDROXIDES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

CURIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

CURIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Curium 238
NT1 Curium 239
NT1 Curium 240
NT1 Curium 241
NT1 Curium 242
NT1 Curium 243
NT1 Curium 244
NT1 Curium 245
NT1 Curium 246
NT1 Curium 247
NT1 Curium 248
NT1 Curium 249
NT1 Curium 250
NT1 Curium 251
NT1 Curium 252

CURIUM NITRATES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

CURIUM NITRIDES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

CURIUM OXIDES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

CURIUM PHOSPHIDES [01]
DA June 1975
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

CURIUM SELENIDES
DA October 1975
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

CURIUM SULFATES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

CURIUM SULFIDES [01]
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

CURIUM 242 TARGET [01]
DA July 1976
BT1 Targets

CURIUM 243 TARGET [01]
DA November 1976
BT1 Targets

CURIUM 244 TARGET [01]
DA July 1976
BT1 Targets

CURIUM 245 TARGET [01]
DA July 1976
BT1 Targets

CURIUM 246 TARGET [01]
DA September 1976
BT1 Targets

CURIUM 247 TARGET [01]
DA March 1978
BT1 Targets

CURIUM 248 TARGET [01]
DA July 1976
BT1 Targets

CURIUM 250 TARGET [01]
DA July 1976
BT1 Targets

CURIUM TELLURIDES
DA November 1976
BT1 Curium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Current (Alternating)
USE Alternating Current

Current (Direct)
USE Direct Current

Current (Leakage)
USE Leakage Current

CURRENT ALGEBRA [01]
RT Algebraic Currents
RT Cabibbo Angle
RT Commutation Relations
RT Commutators
RT Current Commutators
RT Current Divergences
RT CVC Theory
RT Field Algebra
RT Low-Energy Theorem
RT PCAC Theory
RT PCVC Theory
RT Quantum Field Theory
RT Symmetry Groups
RT V-A Theory

CURRENT COMMUTATORS [01]
(For operators in current algebra; in electric circuitry use SWITCHES.)
BT1 Commutators
BT2 Quantum Operators
BT3 Mathematical Operators
NT1 Sigma Terms
RT Algebraic Currents
RT Current Algebra
RT Schwinger Terms

CURRENT DENSITY [01]
DA June 1975
RT Carrier Density
RT Electric Currents
RT Electron Density

CURRENT DIVERGENCES [01]
RT Algebraic Currents
RT Current Algebra

CURRENT LIMITERS [01]
DA March 1977
UF *Demand Limiters*
BT1 Electrical Equipment
BT2 Equipment
RT Circuit Breakers
RT Electric Currents
RT Power Transmission Lines
DEF A device that restricts the flow of current to a certain amount, regardless of the applied voltage.

CURRENT-TO-FREQUENCY CONVERTERS
DA April 1975
BT1 Pulse Converters
BT2 Electronic Equipment

CURRENTS [01]
NT1 Algebraic Currents
NT2 Axial-Vector Currents
NT2 Charged Currents
NT3 Weak Charged Currents
NT2 Neutral Currents
NT3 Weak Neutral Currents
NT2 Second-Class Currents
NT2 Vector Currents
NT1 Beam Currents
NT2 Amp Beam Currents
NT2 Kilo Amp Beam Currents
NT2 Mega Amp Beam Currents
NT2 Micro Amp Beam Currents
NT2 Milli Amp Beam Currents
NT2 Nano Amp Beam Currents
NT2 Pico Amp Beam Currents
NT1 Electric Currents
NT2 Alternating Current
NT2 Critical Current
NT2 Direct Current
NT2 Eddy Currents
NT2 Electric Arcs
NT2 Electrojets
NT2 Faraday Current
NT2 Flashover
NT2 Foucault Current
NT2 Leakage Current
NT2 Ring Currents
NT1 Water Currents
NT2 Gulf Stream
RT Voltametry

Currents (Algebraic)
USE Algebraic Currents

Currents (Beam)
USE Beam Currents

Currents (Electric)
USE Electric Currents

Currents (Neutral)
USE Neutral Currents

Currents (Water)
DA July 1979
USE Water Currents

CURRICULUM GUIDES
DA June 1977
BT1 Education
RT Educational Tools

Curtailments
DA March 1978
USE Allocations

CURTAINS
DA February 1979
UF *Draperies*
RT Passive Solar Cooling Systems
RT Passive Solar Heating Systems
RT Shading
RT Shutters
RT Sun Shades
RT Thermal Insulation
RT Windows

Curtiss-Wright Research Reactor
USE CWRR Reactor

Curves
USE Diagrams

CUSHING SYNDROME [01]
BT1 Endocrine Diseases
BT2 Diseases
RT Corticosteroids
RT Pituitary Gland

Cusp
USE Cusped Geometries

CUSPED GEOMETRIES [01]
UF *Cusp*
UF *Picket Fence*
BT1 Open Configurations
BT2 Magnetic Field Configurations
RT Geometry

CUTTER LOADERS
DA June 1977
UF *Shearer Loaders*
BT1 Mining Equipment
BT2 Equipment
NT1 Coal Plows
NT1 Continuous Miners
NT1 Heading Machines
RT Coal Mining

CUTTING [01]
BT1 Machining
RT Cutting Tools
RT Mechanical Decladding

CUTTING TOOLS [01]
BT1 Tools
RT Cutting

CVC THEORY [01]
RT Current Algebra
RT Vector Currents

CVTR REACTOR [01]
UF *Carolinas Virginia Tube Reactor*
UF *Parr Carolinas CVTR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

CWIP
DA November 1978
UF *Construction Work in Progress*
BT1 Construction
RT Accounting
RT AFUDC
RT Public Utilities

CWRR REACTOR [01]
UF *Curtiss-Wright Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

CYANAMIDES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds

CYANATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Nitrogen Compounds
RT Cyanides
RT Isocyanates
RT Oxygen Compounds

CYANIDES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
RT Cyanates
RT Cyanogen
RT Hydrocyanic Acid

CYANINE DYES
DA May 1979
BT1 Dyes
RT Aromatics
RT Heterocyclic Compounds

Cyanoacetylene
DA January 1975
USE Propiolonitrile

Cyanocobalamin
USE Vitamin B-12

CYANOGEN [01]
RT Cyanides

CYANURATES [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Triazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

CYBERNETICS [01]
RT Control
RT Information Theory

CYCASIN
DA January 1975
BT1 Azo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Carcinogens
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

Cycles (Thermodynamic)
USE Thermodynamic Cycles

CYCLIC ACCELERATORS [01]
BT1 Accelerators
NT1 Betatrons
NT1 Bevalac
NT1 Cyclotrons
NT2 Cracow U-120 Cyclotron
NT2 Isochronous Cyclotrons
NT3 AABO Cyclotron
NT3 ALICE Cyclotron
NT3 APACHE
NT3 Brookhaven Cyclotron
NT3 Chicago Cyclotron
NT3 Cracow C-48 Cyclotron
NT3 Grenoble Cyclotron
NT3 IU Cyclotron
NT3 IU Cyclotron Facility
NT3 JINR Cyclotrons
NT3 Karlsruhe Cyclotron
NT3 Kazakhstan Cyclotron
NT3 MSU Cyclotrons
NT3 NRL Cyclotron
NT3 ORNL Isochronous Cyclotron
NT3 Orsay Cyclotron
NT3 Princeton Cyclotron
NT3 SIN Cyclotron
NT3 Texas A and M Cyclotron
NT3 TRIUMF Cyclotron
NT3 UCLRL Cyclotrons
NT2 Microtrons
NT2 Separated Orbit Cyclotrons
NT3 ORNL Separated Orbit Cyclotron
NT2 Variable Energy Cyclotrons
NT1 Linotrons
NT1 Synchrocyclotrons
NT2 Berkeley Synchrocyclotron
NT2 CERN Synchrocyclotron
NT2 Chicago Synchrocyclotron
NT2 Dubna Synchrocyclotron
NT2 Goettingen Synchrocyclotron
NT2 Harvard Synchrocyclotron
NT2 Harwell Synchrocyclotron
NT2 IKO Synchrocyclotron
NT2 Leningrad Synchrocyclotron
NT2 McGill Synchrocyclotron
NT2 Uppsala Synchrocyclotron
NT1 Synchrotrons
NT2 Bevatron
NT2 Birmingham Synchrotron
NT2 Bonn Synchrotron
NT2 Brookhaven AGS
NT2 Caltech Synchrotron
NT2 Cambridge Electron Accelerator
NT2 CERN PS Synchrotron
NT2 CERN SPS Synchrotron
NT2 Cornell 2-GeV Synchrotron
NT2 Cornell 10-GeV Synchrotron
NT2 Cosmotron
NT2 DESY
NT2 Erevan Synchrotron
NT2 ESCAR
NT2 Fermilab Accelerator
NT2 FIAN Synchrotron
NT2 Frascati Synchrotron
NT2 Glasgow Synchrotron
NT2 IPNS-I
NT2 Itep Synchrotron
NT2 JINR Synchrotron
NT2 KEK Synchrotron
NT2 LUSY
NT2 MURA Synchrotron
NT2 Nimrod
NT2 Nina
NT2 NSLS
NT2 Omnitron
NT2 Orsay Synchrotron
NT2 Pakhra Synchrotron
NT2 Princeton Synchrotron
NT2 Saturne
NT2 Serpukhov Synchrotron
NT2 Tokyo Synchrotron
NT2 Tomsk Synchrotron
NT2 ZGS
RT Cavity Resonators
RT Drift Tubes
RT RF Systems
RT Superconducting Cavity Resonators
RT Waveguides

Cyclic Adenosine Monophosphate
USE AMP

Cyclic Amides
USE Lactams

Cyclic Esters
USE Lactones

Cyclic Steam Injection Process
DA June 1976
USE Fluid Injection Processes

CYCLOALKANES [01]
UF *Naphthenes*
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds
NT1 Adamantane
NT1 Condensed Cycloalkanes
NT1 Cyclohexane
NT1 Decalin
NT1 Quadricyclene

CYCLOALKENES [01]
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds
NT1 Camphene
NT1 Cyclopentadiene
NT1 Norbornadiene

Cycloheptatrienones
USE Tropones

CYCLOHEXANE [01]
BT1 Cycloalkanes
BT2 Alkanes
BT3 Hydrocarbons
BT4 Organic Compounds

CYCLOHEXANOL
DA January 1975
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

CYCLOHEXANONE
DA January 1975
BT1 Ketones
BT2 Organic Compounds

CYCLOHEXIMIDE [01]
BT1 Antibiotics
BT2 Drugs
BT1 Fungicides
BT2 Pesticides

Cyclohexylenedinitrilotetraacetic Acid
USE CDTA

CYCLONE SEPARATORS [01]
UF *Hydrocyclones*
BT1 Concentrators
BT1 Inertial Separators
BT2 Pollution Control Equipment
BT3 Equipment
RT Scrubbers
RT Separation Processes

CYCLOPENTADIENE [01]
BT1 Cycloalkenes
BT2 Alkenes
BT3 Hydrocarbons
BT4 Organic Compounds
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds

Cyclopentanediaminetetraacetic Acid
USE CPDTA

Cyclophosphamide
USE Endoxan

CYCLOTRON FREQUENCY [01]
UF *Frequency (Cyclotron)*
RT Cyclotron Harmonics
RT Cyclotron Instability
RT Cyclotron Radiation
RT Gyrofrequency

CYCLOTRON HARMONICS [01]
DA June 1975
BT1 Harmonics
BT2 Oscillations
RT Bernstein Mode
RT Cyclotron Frequency

CYCLOTRON INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Cyclotron Frequency

CYCLOTRON RADIATION [01]
BT1 Bremsstrahlung
BT2 Electromagnetic Radiation
BT3 Radiations
RT Cyclotron Frequency
RT Cyclotron Resonance
RT ICR Heating

RT Synchrotron Radiation

CYCLOTRON RESONANCE [01]
BT1 Resonance
NT1 Azbel-Kaner Resonance
NT1 Electron Cyclotron-Resonance
RT Cyclotron Radiation
RT Ion Cyclotron Resonance Spectroscopy

CYCLOTRONS [01]
BT1 Cyclic Accelerators
BT2 Accelerators
NT1 Cracow U-120 Cyclotron
NT1 Isochronous Cyclotrons
NT2 AABO Cyclotron
NT2 ALICE Cyclotron
NT2 APACHE
NT2 Brookhaven Cyclotron
NT2 Chicago Cyclotron
NT2 Cracow C-48 Cyclotron
NT2 Grenoble Cyclotron
NT2 IU Cyclotron
NT2 IU Cyclotron Facility
NT2 JINR Cyclotrons
NT2 Karlsruhe Cyclotron
NT2 Kazakhstan Cyclotron
NT2 MSU Cyclotrons
NT2 NRL Cyclotron
NT2 ORNL Isochronous Cyclotron
NT2 Orsay Cyclotron
NT2 Princeton Cyclotron
NT2 SIN Cyclotron
NT2 Texas A and M Cyclotron
NT2 TRIUMF Cyclotron
NT2 UCLRL Cyclotrons
NT1 Microtrons
NT1 Separated Orbit Cyclotrons
NT2 ORNL Separated Orbit Cyclotron
NT1 Variable Energy Cyclotrons
RT Dees
RT Synchrocyclotrons

CYLINDERS [01]
(Objects of cylindrical shape. For containers see headings such as GAS CYLINDERS.)
RT Cylindrical Configuration
RT Pipes
RT Rods
RT Tubes

Cylindrical Aberrations
DA July 1979
USE Geometrical Aberrations

CYLINDRICAL CONFIGURATION [01]
BT1 Configuration
RT Cylinders

Cylindrical Parabolic Collectors
DA October 1978
USE Parabolic Trough Collectors

CYMENE [01]
UF *Isopropyltoluene-para*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Thymol

CYPRUS [01]
BT1 Middle East
RT Mediterranean Sea

CYRTOLITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

CYSTAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
RT MEA

CYSTAPHOS [01]
DA January 1975
BT1 Amines
BT2 Organic Compounds
BT1 Esters
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
RT Thioic Acids

Cysteamine
USE MEA

CYSTEINE [01]
UF *Mercaptoalanine-Beta*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Cystine
RT Homocysteine

CYSTINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Disulfides
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Cysteine
RT Homocystine

CYTIDINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Cytidylic Acid
RT Cytosine
RT Deoxycytidine

CYTIDYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Cytidine
RT Cytosine
RT Deoxycytidylic Acid

CYTOCHEMISTRY [01]
RT Biochemistry
RT Cytology
RT Feulgen Method

CYTOCHROME OXIDASE [01]
BT1 Oxidases
BT2 Oxidoreductases
BT3 Enzymes
RT Cytochromes

CYTOCHROMES [01]
BT1 Pigments
RT Coenzymes
RT Cytochrome Oxidase
RT Diaphorases
RT Redox Process

CYTOLOGICAL TECHNIQUES [01]
DA December 1975
RT Cell Constituents
RT Cytology
RT Electron Microscopy

CYTOLOGY [01]
BT1 Biology
RT Animal Cells
RT Cell Constituents
RT Cell Flow Systems
RT Cytochemistry
RT Cytological Techniques
RT Genetics
RT Microorganisms
RT Plant Cells
RT Ultrastructural Changes

CYTOPLASM [01]
BT1 Cell Constituents
RT Mitochondria

CYTOSINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Cytidine
RT Cytidylic Acid

Cytostatics
USE Antimitotic Drugs

CYTRIPHOS
DA January 1975
BT1 Amines
BT2 Organic Compounds
BT1 Nucleotides
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
RT ATP
RT MEA

Czech WWR-C Reactor
USE WWR-S-Prague Reactor

CZECHOSLOVAK ORGANIZATIONS [01]
DA June 1975
BT1 National Organizations
NT1 UJV
NT1 UVVVR

Czechoslovak TR-0 Reactor
USE TR-0 Reactor

CZECHOSLOVAKIA [01]
BT1 Europe
RT Danube River

CZOCHRALSKI METHOD [01]
RT Crystal Growth

D CODES [01]
BT1 Computer Codes

D Plus Resonances
DA December 1978
USE D-1865 Resonances

D Plus Resonances*
DA December 1978
USE D-2007 Resonances

D REGION [01]
BT1 Ionosphere
BT2 Earth Atmosphere
BT2 Planetary Ionospheres

D RESONANCES [01]
DA July 1977
BT1 Charmed Meson Resonances
BT2 Charm Particles
BT3 Postulated Particles
BT4 Elementary Particles
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons

BT5 Elementary Particles
NT1 D-1865 Resonances
NT1 D-2007 Resonances

D-1285 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

D-1865 RESONANCES [01]
DA June 1977
UF *D Plus Resonances*
UF *D Zero Resonances*
BT1 D Resonances
BT2 Charmed Meson Resonances
BT3 Charm Particles
BT4 Postulated Particles
BT5 Elementary Particles
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

D-2007 RESONANCES [01]
DA April 1978
UF *D* Plus Resonances*
UF *D* Zero Resonances*
BT1 D Resonances
BT2 Charmed Meson Resonances
BT3 Charm Particles
BT4 Postulated Particles
BT5 Elementary Particles
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

D STATES [01]
BT1 Energy Levels

D-T REACTORS [01]
BT1 Thermonuclear Reactors
NT1 Pulsed D-T Reactors
NT1 Steady-State D-T Reactors

D WAVES [01]
BT1 Partial Waves
RT Angular Momentum
RT Quantum Mechanics

D Zero Resonances
DA December 1978
USE D-1865 Resonances

D Zero Resonances*
DA December 1978
USE D-2007 Resonances

DACRON [01]
UF *Terylene*
BT1 Polyesters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Fibers
RT Glycols
RT Terephthalic Acid
RT Textiles

DACUS [01]
DA June 1975
BT1 Fruit Flies
BT2 Flies
BT3 Insects
BT4 Arthropods
BT5 Invertebrates
BT6 Animals
NT1 Dacus Oleae

DACUS OLEAE [01]
BT1 Dacus
BT2 Fruit Flies
BT3 Flies
BT4 Insects
BT5 Arthropods
BT6 Invertebrates
BT7 Animals
RT Olives

DAILY VARIATIONS [01]
(Includes day-to-day, diurnal, and semidiurnal variations.)
UF *Circadian Variations*
UF *Diurnal Variation*
UF *Semidiurnal Variation*
BT1 Variations
RT Photoperiod

DALITZ PLOT [01]
BT1 Scatterplots
BT2 Diagrams
RT Linear Momentum
RT Mass
RT Phase Space
RT Resonance Particles
DEF Phase-space plot of momentum or mass distribution of final-state.

DAMAGE
DA January 1975
RT Failures
RT Fatigue
RT Hazards
RT Impact Shock
RT Radiation Effects
RT Safety

DAMAGING NEUTRON FLUENCE [01]
DA March 1978
BT1 Neutron Fluence
NT1 Equivalent Fission Fluence
RT Irradiation
RT Neutron Flux
RT Neutronic Damage Functions
RT Physical Radiation Effects

DAMPA [01]
UF *Diisoamyl Methylphosphonate*
UF *Diisopentyl Methylphosphonate*
BT1 Phosphonic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

Dampers (Gas Flow)
DA January 1979
USE Draft Control Systems

DAMPING [01]
NT1 Landau Damping
RT Attenuation
RT Energy Losses
RT Hydrodynamic Mass Effect
RT Hysteresis
RT Internal Friction
RT Mechanical Vibrations
RT Shock Absorbers

DAMS [01]
UF *Breakwaters*
RT Embankments
RT Flood Control
RT Hydroelectric Power Plants
RT Spillway
RT Water Reservoirs

DANCOFF CORRECTION [01]
RT Resonance Escape Probability

DANGER COEFFICIENT [01]
BT1 Reactivity Coefficients

DANISH ATOMIC ENERGY COMMISSION [01]
DA September 1975
BT1 Danish Organizations
BT2 National Organizations

DANISH ORGANIZATIONS [01]
DA August 1975
BT1 National Organizations
NT1 Danish Atomic Energy Commission
NT1 Risoe National Laboratory
NT1 Risoe Research Establishment

Danish Reactor-1
USE DR-1 Reactor

Danish Reactor-2
USE DR-2 Reactor

Danish Reactor-3
USE DR-3 Reactor

DANNY BOY EVENT [01]
BT1 Cratering Explosions
BT2 Explosions
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
BT1 Underground Explosions
BT2 Explosions

DANUBE RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Austria
RT Bulgaria
RT Czechoslovakia
RT Hungary
RT Romania
RT USSR
RT Yugoslavia

DAPEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

DAPHNE REACTOR [01]
UF *Dido and Pluto'*$\mu\ \Gamma_3\Omega_6\Delta_3{}^+{}_{67}\Omega\ \}_{735}\pi\Lambda\omega$
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

DAPHNIA [01]
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Plankton
RT Zooplankton

DARCY LAW [01]
RT Fluid Flow

Daresbury Synchrotron
USE Nina

DAREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Dark Repair
USE Biological Repair

DARLINGTON-1 REACTOR [01]
DA December 1976
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors

BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors

DARLINGTON-2 REACTOR [01]
DA December 1976
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors

DARLINGTON-3 REACTOR [01]
DA December 1976
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors

DARLINGTON-4 REACTOR [01]
DA May 1977
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

DARRIEUS ROTORS
DA February 1976
BT1 Rotors
RT Vertical Axis Turbines

DATA [01]
UF *Measured Values*
BT1 Information
NT1 Financial Data
NT1 Numerical Data
NT2 Data Compilation
NT2 Evaluated Data
NT2 Experimental Data
NT2 Theoretical Data
RT Benchmarks
RT CINDA
RT Comparative Evaluations
RT Data Base Management
RT Data Covariances
RT Data Forms
RT Data Processing
RT Information Needs

DATA ACQUISITION [01]
UF *Acquisition (Data)*
RT Data Compilation
RT Data Processing
RT Recording Systems

DATA ACQUISITION SYSTEMS [01]
RT CAMAC System
RT Electronic Equipment
RT Nuclear Instrument Modules
RT Readout Systems
RT Recording Systems
DEF Systems for converting data to machine readable form and gathering it into a computer store.

DATA ANALYSIS
DA December 1975
RT Computer Calculations
RT Data Processing

DATA BASE MANAGEMENT
DA July 1978
BT1 Management
RT Data
RT Information
RT Information Retrieval
RT Information Systems

DATA COMPILATION
BT1 Numerical Data
BT2 Data
BT3 Information
RT Data Acquisition
RT Information Centers
RT Nuclear Data Collections

DATA COVARIANCES
(Data uncertainties)
DA February 1979
RT Data
RT Errors

Data Display Devices
USE Display Devices

Data Display Systems
USE Display Devices

DATA FORMS [01]
DA February 1979
NT1 Graphs
NT1 Isolated Values
NT1 Tables
RT Data

DATA PROCESSING [01]
(Manipulation of unit facts.)
UF *Electronic Data Processing*
UF *Handling (Data)*
UF *Processing (Data)*
BT1 Processing
NT1 Spectra Unfolding
RT Array Processors
RT Calculators
RT Chernoff Faces
RT Computers
RT Data
RT Data Acquisition
RT Data Analysis
RT Data Transmission
RT Digital Filters
RT Digital Frequency Analysis
RT Digitizers
RT Image Processing
RT Image Scanners
RT Information Theory
RT Multi-Parameter Analysis
RT Optical Scanners
RT Recording Systems

Data Storage Devices
USE Memory Devices

DATA TRANSMISSION [01]
UF *Transmission (Data)*
BT1 Communications
NT1 Telemetry
RT CAMAC System
RT Data Processing
RT Equipment Interfaces
RT Multiplexers
RT Nuclear Instrument Modules
RT Signals

DATES [01]
BT1 Fruits
BT2 Food

Dating
DA September 1975
USE Age Estimation

Datum Pressure
DA September 1978
USE Reservoir Pressure

DAUGHTER PRODUCTS [01]
UF *Decay Products*
BT1 Isotopes
RT Natural Radioactivity
RT Radioisotope Generators

DAVIDITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

Davis Besse Reactor
(This was a valid descriptor prior to 1975.)
DA February 1976
USE Davis Besse-1 Reactor

DAVIS BESSE-1 REACTOR [01]
DA January 1975
UF *Davis Besse Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DAVIS BESSE-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DAVIS BESSE-3 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DAVYDOV-FILIPOV MODEL [01]
UF *Davydov Model*
BT1 Nuclear Models
BT2 Mathematical Models
RT Collective Model

Davydov Model
USE Davydov-Filipov Model

DAWSONITE
DA January 1975
BT1 Aluminium Compounds
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Sodium Minerals
BT2 Minerals
DEF A mineral, $NaAl(CO_3)(OH)_2$ consisting of a basic NaAl carbonate occurring in white beaded crystals.

Dawsonville Lockheed RER
USE RER Reactor

Dayglow
USE Airglow

***DAYS LIVING RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes

BT2 Isotopes
RT Lifetime

DBP [01]
UF *Dibutyl Phosphate*
BT1 Butyl Phosphates
BT2 Phosphoric Acid Esters
BT3 Esters
BT4 Organic Compounds
BT3 Organic Phosphorus Compounds
BT4 Organic Compounds

DC AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

DC RESINS [01]
BT1 Silicones
BT2 Polymers
BT2 Siloxanes

DC SYSTEMS
DA May 1976
BT1 Power Systems
NT1 EHV DC Systems
NT1 HVDC Systems
NT1 UHV DC Systems

DC to AC Inverters
DA August 1975
USE Inverters

DC TO DC CONVERTERS
DA August 1975
UF *Converters (Electric)*
BT1 Electrical Equipment
BT2 Equipment
RT Inverters
RT Power Conditioning Circuits
RT Power Supplies
RT Transformers

DCA REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

DCI ORSAY STORAGE RING [01]
BT1 Storage Rings

DCTA [01]
UF *Diaminocyclohexanetetraacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

DCX DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

DDT [01]
UF *Dichlorodiphenyltrichloroethane*
BT1 Aromatics
BT2 Organic Compounds
BT1 Insecticides
BT2 Pesticides
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Ethane

DE BROGLIE WAVELENGTH [01]
RT Quantum Mechanics

E-EXCITATION [01]
BT1 Energy-Level Transitions
NT1 Radiationless Decay
RT Excitation
RT Relaxation

DE HAAS-VAN ALPHEN EFFECT [01]
RT Diamagnetism

DE SITTER GROUP [01]
BT1 Lie Groups
BT2 Symmetry Groups

DEACTIVATION
DA April 1975
RT Chemical Activation

DEAD SEA [01]
DA January 1977
BT1 Lakes
BT2 Surface Waters

DEAD TIME [01]
BT1 Timing Properties
RT Sensitivity
RT Time Measurement
RT Timing Circuits

DEALKYLATION [01]
BT1 Chemical Reactions

DEAMINATION [01]
BT1 Chemical Reactions
RT Amination

DEASHING
DA June 1975
RT Ashes
RT Cleaning
RT Purification
RT Removal

DEASPHALTING
DA May 1979
BT1 Extraction
BT2 Separation Processes
DEF The process of removing asphalt from petroleum fractions.

DEATH [01]
RT Cell Killing
RT Lethal Irradiation
RT Life Span
RT Mortality
RT Supralethal Irradiation

Debris (Nuclear)
USE Fission Products

Debye Cutoff
USE Debye Length

DEBYE LENGTH [01]
UF *Debye Cutoff*
UF *Debye Shield*
UF *Debye Shielding Length*
RT Plasma Density

DEBYE-SCHERRER METHOD [01]
BT1 Diffraction Methods
RT Powders
RT Structural Chemical Analysis
RT X-Ray Diffraction

Debye Shield
USE Debye Length

Debye Shielding Length
USE Debye Length

DEBYE TEMPERATURE [01]
UF *Temperature (Debye)*
RT Specific Heat

DEBYE-WALLER FACTOR [01]
RT Diffraction
RT Lattice Vibrations

DECA DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

Decahydronaphthalene
USE Decalin

DECALIN [01]
UF *Decahydronaphthalene*
BT1 Cycloalkanes
BT2 Alkanes
BT3 Hydrocarbons
BT4 Organic Compounds
RT Naphthalene

Decalso
USE Ion Exchange Materials

DECANE
DA January 1975
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

DECANOIC ACID [01]
UF *Capric Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

DECANOLS [01]
UF *Decyl Alcohols*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

DECANTATION [01]
BT1 Separation Processes
RT Sedimentation

DECARBONIZATION [01]
RT Carbonization
RT Cleaning
RT Decontamination

DECARBOXYLASE [01]
BT1 Lyases
BT2 Enzymes

DECARBOXYLATION [01]
BT1 Chemical Reactions
RT Carboxylation

DECARBURIZATION [01]
DA June 1975
BT1 Chemical Reactions
RT Carburization

DECAY [01]
(For nuclear or particle decay only.)
UF *Degradation (Nuclear)*
UF *Disintegration (Nuclear)*
UF *Fragments (Decay)*
NT1 Alpha Decay
NT1 Beta Decay
NT2 Beta-Minus Decay
NT2 Beta-Plus Decay
NT2 Electron Capture Decay
NT3 K Capture
NT3 L Capture
NT3 M Capture
NT1 Internal Conversion
NT2 K Conversion
NT2 L Conversion
NT2 M Conversion
NT1 Particle Decay
NT2 Electromagnetic Particle Decay
NT3 Radiative Decay
NT2 Hadronic Particle Decay
NT2 Weak Particle Decay
NT3 Leptonic Decay
NT3 Radiative Decay
NT3 Semileptonic Decay
NT3 Weak Hadronic Decay
NT1 Spontaneous Fission
RT Angular Correlation
RT Branching Ratio
RT Delayed Alpha Particles
RT Delayed Gamma Radiation
RT Delayed Neutrons
RT Delayed Protons
RT Energy-Level Transitions
RT Forbidden Transitions
RT Ft Value
RT Half-Life
RT Interactions
RT Internal Pair Production
RT Isomeric Transitions
RT Lifetime
RT Mixing Ratio
RT Particle Kinematics
RT Radioisotope Generators

RT Selection Rules

Decay (Biological)
USE Decomposition

DECAY AMPLITUDES [01]
BT1 Transition Amplitudes
BT2 Amplitudes

Decay Heat Removal
DA March 1976
USE After-Heat Removal

DECAY INSTABILITY [01]
BT1 Plasma Instability
BT2 Instability
RT Plasma Macroinstabilities
RT Plasma Microinstabilities
RT Plasma Waves

Decay Products
USE Daughter Products

Deceleration
USE Acceleration

Dechanneling
USE Channeling

DECHLORINATION [01]
BT1 Chemical Reactions
RT Chlorination

Deciduous Trees
USE Trees

Decimeter Wave Radiation (1-3 Dm)
USE GHz Range 01-100
AND Radiowave Radiation

Decimeter Wave Radiation (3-10Dm)
USE MHz Range 100-1000
AND Radiowave Radiation

DECISION MAKING
DA August 1976
RT Decision Tree Analysis
RT Game Theory
RT Intervenors
RT Planning
RT Regional Cooperation
RT Time-Series Analysis

DECISION TREE ANALYSIS [01]
RT Control
RT Decision Making
RT Planning

DECK EFFECT [01]
RT Kinetics
RT Resonance Particles
DEF Kinematic peak in the mass spectrum of resonance particles.

DECLADDING [01]
BT1 Head End Processes
NT1 Chemical Decladding
NT1 Mechanical Decladding
RT Cladding
RT Fuel Cans
RT Fuel Elements
RT Reprocessing

DECOMMISSIONING [01]
DA February 1975
NT1 Reactor Decommissioning
RT Shutdowns

DECOMPOSITION [01]
UF *Decay (Biological)*
UF *Degradation (Chemical)*
UF *Disintegration (Biological)*
UF *Disintegration (Chemical)*
BT1 Chemical Reactions
NT1 Autolysis
NT2 Autoradiolysis
NT1 Biodegradation
NT1 Carbonization
NT2 Coking
NT2 Electrocarbonization
NT1 Depolymerization
NT1 Destructive Distillation
NT1 Glycolysis
NT1 Photolysis
NT2 Biophotolysis
NT1 Proteolysis
NT2 Fibrinolysis
NT1 Pyrolysis
NT2 Calcination
NT2 Cracking
NT3 Catalytic Cracking
NT3 Hydrocracking
NT3 Thermal Cracking
NT1 Radiolysis
NT2 Autoradiolysis
NT1 Solvolysis
NT2 Acetolysis
NT2 Ammonolysis
NT2 Hydrolysis
NT3 Acid Hydrolysis
NT3 Enzymatic Hydrolysis
NT3 Saponification
RT Catabolism
RT Dissociation
RT Nucleic Acid Denaturation
RT Strand Breaks
RT Thermal Gravimetric Analysis
RT Weathering

DECONTAMINATION [01]
UF *Radiation Decontamination*
UF+ *Decontamination Factor*
BT1 Cleaning
RT Bioadsorbents
RT Chelating Agents
RT Clays
RT Decarbonization
RT Detergents
RT Lavage
RT Life Support Systems
RT Protective Coatings
RT Purification
RT Radiation Protection
RT Safety Showers
RT Surface Cleaning
RT Surface Contamination
RT Washout

Decontamination Factor
USE Decontamination
AND Efficiency

DECOUPLING [01]
RT Coupling
RT Ft Value

Decyl Alcohols
USE Decanols

Decylamine-tris
USE TDA

DEDTC [01]
UF *Diethyldithiocarbamates*
BT1 Carbamates
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Carboxylic Acid Salts
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Chelating Agents
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

DEEP INELASTIC HEAVY ION REACTIONS [01]
DA October 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Compound-Nucleus Reactions
RT Fusion Reactions
RT Precompound-Nucleus Emission
RT Quasi-Fission

DEEP INELASTIC SCATTERING [01]
DA October 1975
BT1 Inelastic Scattering
BT2 Scattering
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
RT Boson-Exchange Models
RT Parton Model
RT Resonance Scattering
RT Virtual Particles
DEF Lepton-nucleon inelastic scattering involving an exchange of a virtual photon.

DEEP RIVER [01]
BT1 Ontario
BT2 Canada
BT3 North America

DEEP WATER OIL TERMINALS
DA January 1975
BT1 Terminal Facilities
RT Moorings
RT Transport
DEF Deepwater sites for supertankers.

DEER [01]
UF *Caribou*
UF *Mule Deer*
UF *Odocoileus*
UF *Reindeer*
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals
RT Antlers

DEES [01]
BT1 Electrodes
RT Cyclotrons
RT Mass Spectrometers

DEFECTS [01]
(Not for CRYSTAL DEFECTS.)
UF *Flaws*
UF *Imperfections*
RT Cracks
RT Fractures
RT Porosity
RT Stress Intensity Factors
RT Voids

Defense Atomic Support Agency TRIGA-Mk-F
USE AFRRI Reactor

DEFEROXAMINE [01]
UF *DFA*
BT1 Amines
BT2 Organic Compounds
BT1 Chelating Agents

*D*Effect*
USE D*Resonances

Deficiency (Nutritional)
USE Nutritional Deficiency

DEFORMATION [01]
UF *Buckling (Structural)*
UF *Structural Buckling*
NT1 Nuclear Deformation
NT1 Portevin-Le Chatelier Effect
NT1 Ratcheting
RT Bending
RT Elasticity
RT Elongation
RT Fractures
RT Magnetostriction
RT Materials Working
RT Plasticity
RT Slip
RT Strains
RT Torsion

DEFORMED NUCLEI [01]
UF *Nonaxial Nuclei*
BT1 Nuclei
RT Aligned Coupling Scheme
RT Backbending
RT Cranking Model
RT Governor Model
RT Nuclear Deformation
RT Nuclear Models

DEGASSING [01]
UF *Outgassing*

RT Desorption
RT Fission Product Release

Degradation (Chemical)
USE Decomposition

Degradation (Energy)
USE Energy Losses

Degradation (Nuclear)
USE Decay

Degradation (Radioinduced)
DA September 1975
USE Radiolysis

Degradation (Thermal)
DA June 1976
USE Thermal Degradation

DEGREE DAYS
DA September 1975
RT Air Conditioning
RT Climates
RT Space Heating

DEHPA
SEE HDEHP
OR Phosphonic Acid Esters

DEHUMIDIFICATION
DA December 1978
RT Dehumidifiers
RT Desiccants
RT Humidifiers
RT Solar Cooling Systems

DEHUMIDIFIERS
DA June 1977
BT1 Electric Appliances
BT2 Appliances
RT Dehumidification
RT Humidifiers

DEHYDRATION [01]
RT Dehydrators
RT Drying
RT Evaporation

DEHYDRATORS
DA January 1977
RT Dehydration
RT Dryers
DEF Vessel or process system for removal of liquids from gases or solids by the use of heat, absorbents, or adsorbents.

DEHYDRIDATION
DA June 1978
BT1 Chemical Reactions
RT Hydridation
RT Hydrogen

Dehydroepiandrosterone
USE Hydroxyandrostenone

DEHYDROGENASES [01]
BT1 Oxidoreductases
BT2 Enzymes
NT1 Diaphorases
NT1 Lactate Dehydrogenase

DEHYDROGENATION [01]
BT1 Chemical Reactions
RT Deuteration
RT Hydrogenation

DEIODINATION [01]
DA January 1975
BT1 Chemical Reactions
RT Iodination

Dekatrons
USE Counting Tubes

DELAWARE [01]
BT1 Central Region
BT1 USA
BT2 North America
RT Delaware Bay
RT Delaware River

DELAWARE BAY
DA September 1978
BT1 Bays
RT Delaware

DELAWARE RIVER [01]
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Delaware
RT New Jersey
RT New York
RT Pennsylvania

Delaware University AGN-201 Reactor
USE AGN-201-113 Reactor

DELAY CIRCUITS [01]
BT1 Electronic Circuits
RT Pulse Techniques

DELAYED ALPHA PARTICLES [01]
BT1 Alpha Particles
BT2 Charged Particles
RT Alpha Decay
RT Decay

DELAYED GAMMA RADIATION [01]
BT1 Gamma Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT2 Ionizing Radiations
BT3 Radiations
RT Decay
RT Nuclear Reactions
RT Photons

DELAYED NEUTRON ANALYSIS [01]
DA April 1977
BT1 Nondestructive Analysis
BT2 Chemical Analysis
BT1 Nuclear Reaction Analysis
BT2 Chemical Analysis
RT Delayed Neutrons
RT Nuclear Reaction Analyzers

DELAYED NEUTRON FRACTION [01]
RT Delayed Neutrons

DELAYED NEUTRON PRECURSORS [01]
UF *Precursors (Delayed Neutron)*
UF *Precursors (Delayed Neutrons)*
BT1 Radioisotopes
BT2 Isotopes
RT Delayed Neutrons

DELAYED NEUTRONS [01]
BT1 Fission Neutrons
BT2 Neutrons
BT3 Nucleons
BT4 Baryons
BT5 Fermions
BT5 Hadrons
BT6 Elementary Particles
RT Decay
RT Delayed Neutron Analysis
RT Delayed Neutron Fraction
RT Delayed Neutron Precursors
RT Reactor Kinetics

DELAYED PROTON PRECURSORS [01]
DA December 1976
UF *Precursors (Delayed Proton)*
BT1 Radioisotopes
BT2 Isotopes
RT Delayed Protons
RT Neutron-Deficient Isotopes

DELAYED PROTONS [01]
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Decay
RT Delayed Proton Precursors

DELAYED RADIATION EFFECTS [01]
UF *Chronic Radiation Effects*
UF *Late Radiation Effects*
UF+ *Delayed Radiation Injuries*
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
RT A-Bomb Survivors
RT Congenital Malformations
RT Dose Commitments
RT Early Radiation Effects
RT Genetic Radiation Effects
RT Latency Period
RT Medical Surveillance
RT Neoplasms
RT Radiation Syndrome
RT Time Dependence

Delayed Radiation Injuries
USE Delayed Radiation Effects
AND Radiation Injuries

DELBRUECK SCATTERING [01]
BT1 Inelastic Scattering
BT2 Scattering

Deletions (Chromosomal)
USE Chromosomal Aberrations

Delft Hoger Onderwijs Reactor
USE HOR Reactor

DELIGNIFICATION
DA June 1978
RT Cellulose
RT Lignin
RT Wood
DEF Removal of the lignin from wood by either enzymatic or chemical methods.

DELIVERY
DA July 1978
RT Agreements
RT Contracts

DELPHI METHOD
DA August 1976
BT1 Forecasting
RT Management
RT Planning
RT Technology Assessment

Delphinium
USE Ranunculaceae

DELTA FUNCTION [01]
UF *Dirac Delta Function*
BT1 Functions
RT Schwinger Terms

DELTA RAYS [01]
BT1 Radiations
RT Electrons
RT Ionizing Radiations
RT Recoils

DELTA-966 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

DELTA-1236 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1650 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions

BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1670 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1877 RESONANCES
DA January 1975
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1890 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1910 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1950 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-1960 RESONANCES
DA January 1975
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-2200 RESONANCES [01]
DA May 1975
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-2420 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-2850 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

DELTA-3230 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

Delta Resonances (Barion)
USE N*Resonances

Delta Resonances (Meson)
USE Meson Resonances

DEMAGNETIZATION [01]
DA October 1977
RT Magnetic Fields
RT Magnetism
RT Magnetization
RT Magnets

Demagnetization (Adiabatic)
USE Adiabatic Demagnetization

DEMAND FACTORS
DA February 1975
RT Energy Demand
RT Power Demand
RT Supply and Demand

Demand Limiters
DA March 1977
USE Current Limiters

DEMBER EFFECT [01]
RT Charge Carriers

Demerol
DA May 1975
USE Pethidine

DEMESMAEKERITE [01]
BT1 Lead Oxides
BT2 Lead Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

DEMETALLIZATION
DA May 1976
BT1 Separation Processes

DEMINERALIZATION [01]
BT1 Separation Processes
NT1 Desalination
RT Demineralizers
RT Distillation
RT Feedwater
RT Ion Exchange
DEF Water softening by use of zeolites or resins to remove cations.

DEMINERALIZERS [01]
RT Demine.alization
RT Reactor Cooling Systems
RT Water

DEMOCRITUS REACTOR [01]
UF *Greek Research Reactor*
UF *GRR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DEMOLITION [01]
NT1 Reactor Dismantling

DEMONSTRATION PLANTS
DA January 1977
RT Bench-Scale Experiments
RT Field Tests
RT Industrial Plants
RT Pilot Plants
RT Process Development Units
DEF Plants designed to establish the technical and financial feasibility of fuel conversion technologies proven by pilot plant testing.

DEMONSTRATION PROGRAMS
DA December 1976
RT Commercialization
RT Experiment Planning
RT Planning
RT Research Programs

DEMULSIFICATION
DA April 1976
RT Demulsifiers
RT Emulsification
RT Emulsifiers
RT Emulsions

DEMULSIFIERS
DA January 1977
BT1 Additives
RT Demulsification
RT Emulsification
RT Emulsifiers
RT Emulsions

Denaturation (Nucleic Acid)
USE Nucleic Acid Denaturation

Denaturation (Protein)
USE Protein Denaturation

DENATURED FUEL [01]
DA January 1978
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
RT Proliferation
RT Safeguards
DEF Fuel which has been diluted or spiked so that it is not suitable for weapons use.

DENDRITES [01]
BT1 Crystals

DENITRATION [01]
BT1 Chemical Reactions
RT Nitric Acid
RT Reprocessing

DENITRIFICATION
DA January 1975
BT1 Chemical Reactions
RT Bergbauforschung-Foster Wheeler Process
RT Ionics Electrolytic Regeneration Process

RT Nitrogen
RT Nitrogen Compounds
RT Shell-UOP Copper Oxide Process

DENMARK [01]
BT1 Scandinavia
BT2 Europe
RT Faeroe Islands
RT Greenland

DENSIMETERS [01]
BT1 Measuring Instruments
NT1 Pycnometers
RT Density
RT Radiometric Gages
RT Sedimentometers
RT Weight Indicators

DENSITOMETERS [01]
BT1 Photometers
BT2 Measuring Instruments
RT Photometry

DENSITY [01]
(For specific weight only.)
UF *Specific Gravity*
UF *Specific Volume*
UF *Specific Weight*
BT1 Physical Properties
NT1 API Gravity
NT1 Bulk Density
RT Densimeters
RT Fuel Densification
RT Jigs
RT Stopping Power
RT Weight

Density (Carrier)
USE Carrier Density

Density (Charge)
DA August 1976
USE Charge Density

Density (Electron)
USE Electron Density

Density (Energy)
DA April 1979
USE Energy Density

Density (Energy-Level)
DA June 1975
USE Energy-Level Density

Density (Flux)
USE Flux Density

Density (Grain)
USE Grain Density

Density (Neutron)
USE Neutron Density

Density (Plasma)
USE Plasma Density

Density (Population)
USE Population Density

Density (Power)
USE Power Density

Density Log
DA March 1979
USE Gamma-Gamma Logging

DENSITY MATRIX [01]
BT1 Matrices
RT Mathematical Operators
RT Quantum Mechanics

DENTIN [01]
RT Bone Tissues
RT Teeth

DENTISTRY [01]
BT1 Medicine
RT Caries
RT Teeth

Deoxidation
USE Reduction

DEOXYCYTIDINE [01]
UF+ *Deoxycytidinuria*
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Cytidine

Deoxycytidinuria
USE Deoxycytidine
AND Urine

DEOXYCYTIDYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Cytidylic Acid

Deoxypentose Nucleic Acid
USE DNA

Deoxyribonuclease
USE DNA-ASE

Deoxyribonucleic Acid
USE DNA

DEOXYRIBOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Pentoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Ribosides

DEOXYURIDINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT BUDR
RT FUDR
RT Iododeoxyuridine

Department of Defense
DA October 1977
USE US DOD

Department of Interior
DA April 1978
USE US DOI

Department of Transportation
DA September 1977
USE US DOT

DEPARTURE NUCLEATE BOILING [01]
UF *Critical Heat Flow*
UF *DNB*
BT1 Nucleate Boiling
BT2 Boiling
BT3 Phase Transformations

DEPHENOLIZATION
DA March 1976
BT1 Chemical Reactions
RT Phenols

DEPLETED URANIUM [01]
BT1 Uranium
BT2 Actinides
BT3 Metals
BT4 Elements
RT Fuel Cycle

Depletion (Isotopic)
USE Isotope Separation

Depletion (Nuclear Fuels)
USE Burnup

DEPLETION ALLOWANCES
DA January 1978
RT Financial Incentives
RT Resource Depletion
RT Taxes

DEPOLARIZATION [01]
RT Polarization

DEPOLYMERIZATION [01]
BT1 Decomposition
BT2 Chemical Reactions
RT Molecular Weight
RT Polymerization

DEPOSITION [01]
NT1 Surface Coating
NT2 Chemical Coating
NT3 Chemical Vapor Deposition
NT3 Electrochemical Coating
NT4 Anodization
NT2 Cladding
NT2 Diffusion Coating
NT2 Dip Coating
NT3 Hot Dipping
NT2 Electrodeposition
NT3 Electroplating
NT2 Plating
NT3 Electroplating
NT3 Vapor Plating
NT2 Screen Printing
NT2 Spray Coating
NT3 Flame Spraying
NT3 Plasma Arc Spraying
NT2 Vacuum Coating
RT Adsorption
RT Deposits
RT Precipitation
RT Retention
RT Scaling
RT Sputtering

DEPOSITS [01]
RT Antifoulants
RT Coatings
RT Deposition
RT Fouling

Deposits (Geological)
USE Geologic Deposits

DEPRESSURIZATION [01]
RT Pressure Vessels
RT Reactor Safety

DEPRESSURIZATION SYSTEMS
DA January 1975
RT ECCS
RT Pressure Vessels

DEPTH [01]
(For elevation use LEVELS.)
BT1 Dimensions
NT1 Depth 1-3 km
NT1 Depth 3-6 km
NT1 Depth 6-9 km
NT1 Depth 9-12 km

DEPTH DOSE DISTRIBUTIONS [01]
UF *Depth Doses*
BT1 Spatial Dose Distributions
BT2 Radiation Dose Distributions
RT Buildup
RT Isodose Curves
RT Phantoms
RT Radiotherapy
RT Range

Depth Doses
USE Depth Dose Distributions

DEPTH 1-3 KM
DA December 1978
BT1 Depth
BT2 Dimensions

DEPTH 3-6 KM
DA December 1978
BT1 Depth
BT2 Dimensions

DEPTH 6-9 KM
DA December 1978
BT1 Depth
BT2 Dimensions

DEPTH 9-12 KM
DA December 1978
BT1 Depth
BT2 Dimensions

Derby ZPR Neptune
USE Neptune Reactor

DEREGULATION
DA January 1978
RT Economics
RT Natural Gas
RT Petroleum
RT Regulations

DERMATITIS [01]
BT1 Skin Diseases
BT2 Diseases
NT1 Radiodermatitis

DESALINATION [01]
BT1 Demineralization
BT2 Separation Processes
RT Desalination Plants
RT Distillation
RT Dual-Purpose Power Plants
RT Evaporators
RT Freezing Out
RT Ion Exchange
RT Salinity
RT Salts
RT Seawater
DEF Any process for making potable water from sea water or other saline waters.

DESALINATION PLANTS
DA August 1977
BT1 Industrial Plants
RT Desalination
RT Desalination Reactors
RT Dual-Purpose Power Plants
RT Seawater

DESALINATION REACTORS [01]
BT1 Reactors
NT1 BN-350 Reactor
RT Desalination Plants
RT Power Reactors

DESCALING [01]
BT1 Surface Finishing
RT Scaling
RT Shot Peening
RT Surface Cleaning

DESERTS [01]
BT1 Arid Lands
RT Climates
RT Sand
RT Terrestrial Ecosystems

DESICCANTS
DA January 1975
RT Dehumidification
RT Drying
RT Resins
RT Zeolites

DESIGN
DA April 1975
RT Computer-Aided Design
RT Feasibility Studies
RT Planning
RT Specifications

DESIGN BASIS ACCIDENTS [01]
BT1 Reactor Accidents
BT2 Accidents
NT1 Maximum Credible Accident

Desiodothyroxine
USE Thyronine

DESOREX PROCESS
DA April 1975
RT Desulfurization

DESORPTION [01]
RT Adsorption
RT Degassing
RT Fission Product Release

Desoxycorticosterone Acetate
USE DOCA

Desoxyribonucleic Acid
USE DNA

DESTRUCTIVE DISTILLATION
DA October 1975
BT1 Decomposition
BT2 Chemical Reactions
BT1 Distillation
BT2 Separation Processes
RT Pyrolysis

DESTRUCTIVE TESTING [01]
BT1 Materials Testing
BT2 Testing
RT Charpy Test
RT Impact Tests
RT Mechanical Properties

DESTRUGAS PROCESS
DA November 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
DEF Gasification in complete absence of air with indirect heating of the pyrolysis chamber with char and pyrolysis gas (fuel gas) as the only products.

DESULFURIZATION [01]
BT1 Chemical Reactions
NT1 JPL Process
NT1 Sulfiban Process
RT Adip Process
RT AI Aqueous Carbonate Process
RT Air Pollution Abatement
RT Alkalized Alumina Process
RT Alkazid Process
RT Amisol Process
RT Ammonia-Ammonium Bisulfate Process
RT Amoco Sulfur Recovery Process
RT Aquaclaus Process
RT AS Recycling Process
RT BAMAG Process
RT Battelle Hydrothermal Coal Process
RT Beavon Process
RT Benfield Process
RT Bergbauforschung-Foster Wheeler Process
RT Bergbauforschung Process
RT Bischoff Process
RT BOM-ERDA Process
RT CAFB Process
RT Carl Still Process
RT Cat-Ox Process
RT Catacarb Process
RT Catalytic Hydrosolvation Process
RT CEA-ADL Dual Alkali Process
RT Chemico Process
RT Chiyoda Thoroughbred Process
RT Citrate Process
RT Claus Process
RT Cleanair Process
RT Conoco Process
RT Consol FGD Process
RT Desorex Process
RT Diamox Process
RT Ferrox Process
RT Fluidization
RT Fluor Econamine Process
RT Fluor Solvent Process
RT FMC Double Alkali Process
RT Fulham-Simon-Carves Process
RT Fumaks Process
RT Giammarco Vetrocoke Sulfur Process
RT Girbotol Process
RT Girdler-Girbotol Process
RT Grillo Process
RT Haines Process
RT Hazen Process
RT Hipure Process
RT Hirohax Process
RT Hoelter Process
RT Holmes-Stretford Process
RT Hot Gas Cleanup
RT ICI Process
RT IFP Process
RT Ionics Electrolytic Regeneration Process
RT Jecco Process
RT Koppers Vacuum Carbonate Process
RT KVB Process
RT Ledgemont Process
RT Lime-Limestone Wet Scrubbing Processes
RT LUCAS Process
RT Magnesium Slurry Scrubbing Process
RT Meyers Process
RT Molecular Sieve Process
RT Molten Carbonate Process
RT Otto Process
RT Penelec Process
RT Perox Process
RT Petit Process
RT Phosphate Process
RT Pittsburgh Oxydesulfurization Process
RT Purasiv S Process
RT Purisol Process
RT Rectisol Process
RT Reinluft Process
RT RESOX Process
RT RIC Process
RT Saarberg-Holter Process
RT SCOT Process
RT Seaboard Process
RT Selexol Process
RT SF Nateko Process
RT Shell-UOP Copper Oxide Process
RT SNPA-DEA Process
RT Stauffer AQUACLAUS Process
RT Stone and Webster Ionics Process
RT Stretford Process
RT Sulfinol Process
RT Sulfox Process
RT Sulfreen Process
RT Takahax Process
RT Thiosorbic Process
RT Thylox Process
RT Topsoe-SNPA Process
RT Townsend Process
RT TRW Process
RT Tyco Process
RT Vacuum Carbonate Process
RT W-L Sulfur Dioxide Recovery Process
RT Westvaco Process

DESY [01]
(Deutsches Elektronen Synchrotron.)
UF *Hamburg Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

DETAILED BALANCE PRINCIPLE [01]
BT1 T Invariance
BT2 Invariance Principles
RT Cross Sections
RT Hamiltonians
RT Nuclear Reactions
RT S Matrix
RT Scattering

DETECTION
DA March 1979
NT1 Failed Element Detection
NT1 Nuclear Explosion Detection
NT1 Radiation Detection
NT2 Charged Particle Detection
NT3 Alpha Detection
NT3 Beta Detection

NT3 Electron Detection
NT3 Ion Detection
NT3 Muon Detection
NT3 Pion Detection
NT3 Positron Detection
NT3 Proton Detection
NT2 Cosmic Ray Detection
NT2 Fission Fragment Detection
NT2 Gamma Detection
NT2 Kaon Detection
NT2 Neutrino Detection
NT2 Neutron Detection
NT2 X-Ray Detection
NT1 Seismic Detection
RT Nuclear Materials Management
RT Safeguards

Detection (Failed Element)
USE Failed Element Detection

Detection (Nuclear Explosions)
USE Nuclear Explosion Detection

Detection (Radiation)
(For the detection of elementary particles and radiations refer to narrower terms to RADIATION DETECTION.)
USE Radiation Detection

Detection (Seismic)
USE Seismic Detection

Detectors (Radiation)
USE Radiation Detectors

DETERGENTS [01]
SF *Chemicals*
BT1 Emulsifiers
BT2 Additives
BT1 Wetting Agents
BT2 Surfactants
NT1 Pluronics
RT Cleaning
RT Decontamination
RT Soaps

DETONATION LIMITS
DA January 1977
RT Chemical Explosives
DEF Bounds on regions of stable detonation.

DETONATION WAVES
DA August 1976
BT1 Shock Waves
RT Combustion
RT Combustion Waves
RT Explosions
RT Ignition
DEF A shock wave that accompanies detonation and has a shock front followed by a region of decreasing pressure in which the reaction occurs.

DETONATIONS
DA February 1975
RT Explosions
RT Implosions
RT Shock Waves

DETONATORS [01]
NT1 Fuzes
RT Exploding Wires
RT Explosions

DETRITUS
DA August 1977
RT Biodegradation
RT Rocks
RT Sediments
DEF Loose material (as rock fragments or organic particles) that results directly from disintegration.

DETROIT RIVER
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Michigan

DEUS
DA November 1978
UF *Dual Energy Use Systems*
NT1 Co-Generation
RT District Heating
RT ICES
RT Total Energy Systems
RT Waste Heat Utilization
DEF More general term than CO-GENERATION, and preferable for methods using both heat and electric power when both are produced simultaneously and in significant quantities.

DEUTERATION [01]
BT1 Chemical Reactions
RT Dehydrogenation
RT Hydrogenation

DEUTERIDES
DA May 1975
BT1 Deuterium Compounds
BT2 Hydrogen Compounds
NT1 Hydrogen Deuteride
NT1 Lithium Deuterides

DEUTERIUM [01]
UF *Hydrogen 2*
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Deuterons
RT Hydrogen Deuteride

DEUTERIUM COMPOUNDS [01]
UF+ *DTO*
UF+ *HDO*
BT1 Hydrogen Compounds
NT1 Deuterides
NT2 Hydrogen Deuteride
NT2 Lithium Deuterides
NT1 Deuterium Tritides
RT Heavy Water

Deuterium Hydride
USE Hydrogen Deuteride

DEUTERIUM IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

Deuterium-Lithium High Flux Neutron Source Facility
DA October 1977
USE Neutron Source Facilities

Deuterium Moderated Pile Low Energy
USE Dimple Reactor

Deuterium Oxides
DA November 1976
USE Heavy Water

DEUTERIUM TARGET [01]
UF+ *Lepton-Deuteron Interactions*
UF+ *Meson-Deuteron Interactions*
BT1 Targets

DEUTERIUM TRITIDES
DA November 1975
BT1 Deuterium Compounds
BT2 Hydrogen Compounds
BT1 Tritium Compounds
BT2 Labelled Compounds

DEUTERON BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Deuterons

DEUTERON REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions

DEUTERON SOURCES [01]
BT1 Particle Sources
BT2 Radiation Sources

DEUTERON SPECTRA [01]
DA April 1975
BT1 Spectra
RT Deuterons

DEUTERONS [01]
BT1 Charged Particles
RT Antideuterons
RT Antiproton-Deuteron Interactions
RT Deuterium
RT Deuteron Beams
RT Deuteron Spectra
RT D*Resonances
RT Electron-Deuteron Interactions
RT Kaon-Deuteron Interactions
RT Muon-Deuteron Interactions
RT Neutrino-Deuteron Interactions
RT Neutron-Deuteron Interactions
RT Nucleon-Deuteron Interactions
RT Photon-Deuteron Interactions
RT Pion-Deuteron Interactions
RT Proton-Deuteron Interactions

DEVELOPED COUNTRIES
DA March 1978
UF *Industrialized Countries*
RT Developing Countries
RT Economic Development
RT Oil-Exporting Countries
RT Technology Utilization

DEVELOPERS [01]
SF *Chemicals*
NT1 Amidol
NT1 Pyrocatechol
NT1 Pyrogallol
NT1 Resorcinol
RT Photography

DEVELOPING COUNTRIES [01]
DA November 1976
NT1 Viet Nam
RT Developed Countries
RT Industry
RT Input-Output Analysis
RT Oil-Exporting Countries
RT Oil-Importing Countries
RT Rural Energy Centers

Devices
DA January 1975
USE Equipment

DEVOLATILIZATION
DA February 1978
RT Volatile Matter
RT Volatility

DEVONIAN PERIOD
DA October 1977
BT1 Paleozoic Era
BT2 Geologic Ages

DEW POINT [01]
DA October 1975
RT Humidity
RT Vapor Condensation
DEF The temperature at which a vapor begins to condense.

DEWARS
DA August 1976
BT1 Containers
BT1 Cryogenics

Dewatering
DA June 1977
USE Water Removal

DEWAXING
DA October 1975
BT1 Separation Processes
RT Refining
RT Waxes

DEWINDTITE [01]
BT1 Lead Phosphates

BT2 Lead Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

DEXAMETHASONE [01]
BT1 Glucocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

DEXTRAN [01]
BT1 Blood Substitutes
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

DEXTRIN [01]
UF *Starch Gum*
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

Dextro and Levo Optical Isomers
DA February 1976
USE Enantiomorphs

Dextronic Acid
USE Gluconic Acid

DFA
USE Deferoxamine

DFR REACTOR [01]
UF *DFR-350 Reactor*
UF *Dounreay Fast Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

DFR-350 Reactor
USE DFR Reactor

Di-(2-Propyl) Ether
USE Isopropyl Ether

Di-2-Ethylhexylphosphoric Acid
USE HDEHP

DIABATIC APPROXIMATION [01]
RT Adiabatic Approximation
RT Electron-Promotion Model
RT Quantum Mechanics
RT Scattering

DIABETES MELLITUS [01]
BT1 Endocrine Diseases
BT2 Diseases
RT Insulin
RT Metabolic Diseases
RT Metabolism

DIABLO CANYON-1 REACTOR [01]
UF *Pacific Gas Diablo Canyon-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DIABLO CANYON-2 REACTOR [01]
UF *Pacific Gas Diablo Canyon-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Diacetylmorphine
USE Heroin

DIAGENESIS [01]
RT Catagenesis
RT Coalification
RT Petrogenesis
RT Sediments
DEF Any change occurring within sediments subsequent to deposition and before complete lithification that alters the mineral content and physical properties of the sediments.

DIAGNOSIS [01]
UF+ *Radiodiagnosis (Radionuclides)*
RT Diagnostic Techniques
RT Diagnostic Uses
RT Labelled Compounds
RT Medical Examinations
RT Medicine
RT Radiopharmaceuticals
RT Scintiscanning
RT Symptoms
RT Tracer Techniques

DIAGNOSTIC TECHNIQUES [01]
NT1 Autopsy
NT1 Biomedical Radiography
NT2 Fluoroscopy
NT2 Ionographic Imaging
NT2 Osteodensitometry
NT1 Biopsy
NT1 Cardiography
NT2 Radiocardiography
NT1 Electroencephalography
NT1 Photon Emission Scanning
NT2 ECAT Scanning
NT1 Photon Transmission Scanning
NT2 CAT Scanning
NT3 ECAT Scanning
NT1 Scintiscanning
NT1 Ultrasonography
RT Autoradiography
RT Blood-Plasma Clearance
RT Diagnosis
RT Electrocardiograms
RT Medicine
RT Radioisotope Generators
RT Tomography
RT Tracer Techniques
RT X-Ray Equipment

DIAGNOSTIC USES
DA August 1978
BT1 Uses
RT Diagnosis
RT Drugs

DIAGRAMS [01]
(For significant diagrams, charts, graphs, and drawings only.)
UF *Charts*
UF *Curves*
NT1 Bragg Curve
NT1 Electrocardiograms
NT1 Fermi Plot
NT1 Feynman Diagram
NT1 Flowsheets
NT1 Goldstone Diagrams
NT1 Hertzsprung-Russell Diagram
NT1 Nomograms
NT1 Nyquist Diagrams
NT1 Optical Depth Curve
NT2 Spectroscopic Curve of Growth
NT1 Phase Diagrams
NT1 S N Diagram
NT1 Sargent Diagrams
NT1 Scatterplots
NT2 Argand Diagrams
NT2 Dalitz Plot
NT2 Prism Plot
NT1 Young Diagram
RT Computer Graphics
RT Maps

DIAL PAINTERS [01]
BT1 Personnel
RT Luminous Paints

DIALYSIS [01]
BT1 Separation Processes
NT1 Electrodialysis
RT Colloids
RT Diffusion
RT Mass Transfer
RT Mechanical Kidney
RT Membranes
RT Permeability
RT Proteins

DIAMAGNETISM [01]
BT1 Magnetism
NT1 Plasma Diamagnetism
RT De Haas-Van Alphen Effect

Diaminobiphenyl
USE Benzidine

1,4-Diaminobutane
USE Putrescine

Diaminocaproic Acid
USE Lysine

Diaminocyclohexanetetraacetic Acid
USE DCTA

1,5-Diaminopentane
USE Cadaverine

2,5-Diaminovaleric Acid
USE Ornithine

Diamond Counters
USE Crystal Counters

Diamond Drilling Equipment
DA August 1977
USE Drilling Equipment

Diamond Ordnance Radiation Facility
USE DORF Reactor

DIAMONDS [01]
BT1 Carbon
BT2 Nonmetals
BT3 Elements
BT1 Minerals

DIAMOX PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing
DEF Ammonia is used as adsorbent and stripped H_2S is fed to Claus Process.

Diamyl Sulfoxide
USE DPSO

DIANABOL [01]
DA April 1975
BT1 Androgens
BT2 Androstanes
BT3 Steroids

BT4 Organic Compounds
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

DIAPHORASES [01]
UF *Flavoprotein Enzymes*
BT1 Dehydrogenases
BT2 Oxidoreductases
BT3 Enzymes
BT1 Isoalloxazines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Cytochromes

Diaphragms (Thermonuclear Device)
DA June 1975
USE Limiters

DIARRHEA [01]
BT1 Diseases
BT1 Symptoms
RT Constipation
RT Digestive System Diseases
RT Enteritis
RT Intestines

DIATOMACEOUS EARTH
DA April 1975
UF *Kieselguhr*
RT Adsorbents
RT Diatoms
RT Filters
DEF A white, yellow, or light gray siliceous earth composed predominantly of the opaline frustules of diatoms.

DIATOMS
DA May 1976
BT1 Algae
BT2 Plants
RT Diatomaceous Earth
RT Phytoplankton
DEF The common general class name for algae of the class Bacillariophyceae.

1,3-Diazines
USE Pyrimidines

1,4-Diazines
USE Pyrazines

DIAZO COMPOUNDS [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 PAN
NT1 Pyridylazoresorcinol
NT1 Thorin
RT Azo Dyes
RT Dyes

DIAZOTIZATION [01]
BT1 Chemical Reactions
RT Organic Nitrogen Compounds

DIBARYON RESONANCES
DA February 1979
UF *Baryon Number 2 Resonances*
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

Dibenzopyrroles
USE Carbazoles

Diborane
DA June 1975
USE Boranes

Dibutyl Ether
USE Butyl Ether

Dibutyl Phosphate
USE DBP

DICARBOXYLIC ACIDS [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
NT1 Adipic Acid
NT1 Beryllon
NT1 Fumaric Acid
NT1 Glutaric Acid
NT1 Itaconic Acid
NT1 Maleic Acid
NT1 Malonic Acid
NT1 Oxalic Acid
NT1 Phthalic Acid
NT1 Sebacic Acid
NT1 Succinic Acid
NT1 Terephthalic Acid
RT Imides
RT Imidines

DICENTRIC CHROMOSOMES [01]
UF *Dicentrics*
BT1 Chromosomes
RT Chromosomal Aberrations

Dicentrics
USE Dicentric Chromosomes

Dichlorodiethylamine
USE Nitrogen Mustard

Dichlorodiphenyltrichloroethane
USE DDT

DICHROISM [01]
RT Color
RT Optical Properties

DICTIONARIES
DA November 1976
UF *Glossaries*
BT1 Document Types
RT Machine Translations

DICTYOCAULUS [01]
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
RT Infectious Diseases
RT Sheep

DICUMAROL [01]
BT1 Anticoagulants
BT2 Drugs

DIDERICHITE [01]
BT1 Uranium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

Dido and Pluto's Handmaiden Reactor
USE Daphne Reactor

Dido-Juelich Reactor
USE FRJ-2 Reactor

DIDO REACTOR [01]
UF *UKAEA-Dido Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DIELDRIN [01]
BT1 Insecticides
BT2 Pesticides

DIELECTRIC AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

DIELECTRIC MATERIALS [01]
UF *Dielectrics*
NT1 Antiferroelectric Materials
NT1 Electrets
NT1 Ferroelectric Materials
RT Capacitors
RT Dielectric Properties
RT Dielectric Track Detectors
RT Electrical Insulation
RT Electrical Insulators
RT Lichtenberg Figures
RT Mica
RT Natural Rubber
RT Organic Insulators
RT Paper
RT RITAD Dosemeters
RT Rubbers
RT Varnishes

DIELECTRIC PROPERTIES [01]
BT1 Electrical Properties
BT2 Physical Properties
NT1 Kerr Effect
RT Dielectric Materials
RT Permittivity
RT Relaxation Losses

DIELECTRIC TRACK DETECTORS [01]
UF *Track Detectors (Dielectric)*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Ceramics
RT Dielectric Materials
RT Electron Microscopy
RT Fission Foil Detectors
RT Glass
RT Latent Images
RT Lithium Fluorides
RT Luminescent Dosemeters
RT Mica
RT Olivine
RT Particle Tracks
RT Polymers
RT Tourmaline

Dielectrics
USE Dielectric Materials

DIELS-ALDER REACTION [01]
BT1 Chemical Reactions

DIENES [01]
BT1 Polyenes
BT2 Hydrocarbons
BT3 Organic Compounds
NT1 Allene
NT1 Butadiene
NT1 Cyclopentadiene
NT1 Ferrocene
NT1 Isoprene
NT1 Pentadienes

DIES [01]
RT Casting
RT Casting Molds
RT Extrusion
RT Forging
RT Pressing

DIESEL ENGINES
DA February 1975

BT1 Internal Combustion Engines
BT2 Engines
RT Dual-Fuel Engines

DIESEL FUELS
DA February 1975
UF *Diesel Oil (Fraction)*
BT1 Fuels
RT Automotive Fuels
RT Gas Oils
RT Gasohol

Diesel Oil (Fraction)
DA March 1976
USE Diesel Fuels

DIET [01]
RT Animal Feeds
RT Beverages
RT Drinking Water
RT Fasting
RT Feeding
RT Food
RT Food Chains
RT ICRP Critical Group
RT Ingestion
RT Mass Rearing
RT Nutrients
RT Nutrition
RT Nutritional Deficiency
RT Rearing
RT Therapy
RT Vitamins

1,1-Diethoxyethane
USE Acetal

Diethyl Ether
USE Ethyl Ether

Diethyldithiocarbamates
USE DEDTC

Diethylenetriaminepentaacetic Acid
USE DTPA

DIFFERENTIAL CALCULUS [01]
UF *Calculus (Differential)*
BT1 Mathematics

DIFFERENTIAL CROSS SECTIONS [01]
BT1 Cross Sections
RT Angular Distribution

DIFFERENTIAL EQUATIONS [01]
UF *Canonical Equations*
UF *Equations (Differential)*
BT1 Equations
NT1 BBGKY Equation
NT1 Boltzmann Equation
NT1 Boltzmann-Vlasov Equation
NT1 Continuity Equations
NT1 Dirac-Hestenes Equation
NT1 Equations of Motion
NT1 Fokker-Planck Equation
NT1 Fourier Heat Equation
NT1 Hamilton-Jacobi Equations
NT1 Hill Equation
NT1 Joos-Weinberg Equation
NT1 Korteweg-De Vries Equation
NT1 Lagrange Equations
NT1 Laplace Equation
NT1 Mathieu Equation
NT1 Maxwell Equations
NT1 Navier-Stokes Equation
NT1 Poisson Equation
NT1 Proca Equations
NT1 Riccati Equation
NT1 Schwinger Functional Equations
NT1 Sturm-Liouville Equation
NT1 Wave Equations
NT2 Dirac Equation
NT2 Klein-Gordon Equation
NT2 Schroedinger Equation
RT Airy Functions
RT Boundary Conditions
RT Boundary-Value Problems
RT Cauchy Problem
RT Cluster Expansion
RT Control Theory
RT Dirichlet Problem
RT Finite Difference Method
RT Finite Element Method
RT Floquet Function
RT Green Function
RT Integral Equations
RT Mathematics
RT Recursion Relations
RT Riemann Function
RT Runge-Kutta Method

DIFFERENTIAL PAC [01]
BT1 Perturbed Angular Correlation
BT2 Angular Correlation
BT3 Correlations
RT Time Dependence

DIFFERENTIAL THERMAL ANALYSIS [01]
UF *DTA*
BT1 Thermal Analysis
RT Transition Heat

DIFFERENTIAL TOPOLOGY [01]
BT1 Topology
BT2 Mathematics
RT Mapping Fibration
RT Smooth Manifolds
RT Topological Foliation

DIFFRACTION [01]
BT1 Coherent Scattering
BT2 Scattering
NT1 Atomic Beam Diffraction
NT1 Electron Diffraction
NT1 Neutron Diffraction
NT1 X-Ray Diffraction
RT Debye-Waller Factor
RT Diffractometers
RT Gamma Diffractometers
RT Optical Dispersion
RT Optical Properties

Diffraction (Electron)
USE Electron Diffraction

Diffraction (Neutron)
USE Neutron Diffraction

Diffraction (X-Ray)
USE X-Ray Diffraction

Diffraction Dissociation
USE Diffraction Models

DIFFRACTION METHODS [01]
NT1 Debye-Scherrer Method
NT1 Laue Method
NT1 Rotating Crystal Method
RT Crystal Lattices
RT Crystallography
RT Patterson Method
RT Schulz Method
RT X-Ray Diffractometers

DIFFRACTION MODELS [01]
UF *Diffraction Dissociation*
UF *Diffraction Production*
BT1 Particle Models
BT2 Mathematical Models

Diffraction Production
USE Diffraction Models

DIFFRACTOMETERS [01]
DA June 1975
BT1 Measuring Instruments
NT1 Gamma Diffractometers
NT1 X-Ray Diffractometers
RT Diffraction

DIFFUSER AUGMENTED TURBINES
DA June 1977
BT1 Wind Turbines
DEF Horizontal axis turbine enclosed in shroud of duct to create venturi effect

DIFFUSERS
DA November 1977
RT Baffles
RT Ducts
RT EHD Channels
RT Fluid Flow
RT MHD Channels
RT Pipes
DEF A duct, chamber, or section in which a high-velocity, low-pressure stream of fluid is converted into a low-velocity, high-pressure flow.

DIFFUSION [01]
SF *Heat Dissipation*
NT1 Ambipolar Diffusion
NT1 Gaseous Diffusion
NT1 Self-Diffusion
NT1 Thermal Diffusion
RT Atom Transport
RT Dialysis
RT Donnan Theory
RT Fick Laws
RT Kirkendall Effect
RT Mass Transfer
RT Mean Free Path
RT Membrane Transport
RT Mixing
RT Motion
RT Osmosis
RT Particle Resuspension
RT Radionuclide Migration
RT Turbulence

Diffusion Area
USE Diffusion Length

DIFFUSION BARRIERS [01]
DA January 1975
SF *Barriers*
RT Gaseous Diffusion Process
DEF Porous barrier through which gaseous mixtures are passed for enrichment of the lighter-molecular-weight constituent of the diffusate; used as a many-stage cascade system for the recovery of $^{235}UF_6$ isotopes from a $^{238}UF_6$ stream.

DIFFUSION CHAMBERS [01]
BT1 Cloud Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

DIFFUSION COATING [01]
UF *Calorizing*
UF *Chromizing*
UF *Sherardizing*
UF *Siliconizing*
BT1 Surface Coating
BT2 Deposition
RT Diffusion Coatings

DIFFUSION COATINGS [01]
BT1 Coatings
RT Diffusion Coating

DIFFUSION LENGTH [01]
UF *Diffusion Area*
RT Migration Length

DIFFUSION WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

Digallic Acid
USE Tannic Acid

DIGESTION [01]
NT1 Aerobic Digestion
NT1 Anaerobic Digestion
NT2 BIOGAS Process
NT1 Intracellular Digestion
RT Amylase
RT Chymotrypsin
RT Digestive System
RT Enzymes
RT Gastric Acid

RT Ingestion
RT Intestinal Absorption
RT Pepsin
RT Physiology
RT Trypsin

DIGESTIVE SYSTEM [01]
NT1 Biliary Tract
NT1 Esophagus
NT1 Gastrointestinal Tract
NT2 Intestines
NT3 Large Intestine
NT4 Rectum
NT3 Small Intestine
NT2 Stomach
NT1 Liver
NT1 Oral Cavity
NT2 Teeth
NT2 Tongue
NT1 Pancreas
NT1 Pharynx
RT Anorexia
RT Digestion
RT Digestive System Diseases
RT Organs

DIGESTIVE SYSTEM DISEASES [01]
BT1 Diseases
NT1 Enteritis
NT1 Hepatitis
NT1 Liver Cirrhosis
NT1 Peritonitis
NT1 Proctitis
RT Anorexia
RT Constipation
RT Diarrhea
RT Digestive System
RT Gastrectomy
RT Nausea
RT Vomiting

DIGITAL CIRCUITS [01]
UF *Coding Circuits*
BT1 Electronic Circuits
RT Sequential Circuits

DIGITAL COMPUTERS [01]
BT1 Computers
NT1 CII Computers
NT1 Parameter Computers

DIGITAL FILTERS
DA July 1977
RT Array Processors
RT Data Processing
RT Digital Frequency Analysis
RT Image Processing
RT Mathematical Operators
DEF Computational means of attenuating undesired frequencies in set of time-dependent data.

DIGITAL FREQUENCY ANALYSIS
DA July 1977
RT Data Processing
RT Digital Filters
RT Mathematical Operators
DEF Computational procedure for estimating frequency content for set of time-dependent data.

DIGITAL SYSTEMS [01]
RT Analog-to-Digital Converters
RT Computers
RT Digital-to-Analog Converters
RT Electronic Circuits
RT Electronic Equipment

DIGITAL-TO-ANALOG CONVERTERS [01]
UF *Converters (Digital-Analog)*
BT1 Electronic Equipment
RT Analog Systems
RT Digital Systems

DIGITALIS [01]
BT1 Medicinal Plants
BT2 Plants

DIGITALIS GLYCOSIDES [01]
BT1 Cardiotonics
BT2 Drugs
BT2 Steroids
BT3 Organic Compounds
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Digitoxin
NT1 Digoxin

DIGITIZERS [01]
NT1 Cathode Ray Tube Digitizers
NT1 Flying Spot Digitizers
NT1 Scanning Measuring Projectors
NT1 Spiral Reader Digitizers
RT Analog-to-Digital Converters
RT Bubble Chambers
RT Data Processing
RT Electronic Equipment
RT Image Scanners
RT On-Line Measurement Systems
RT Optical Scanners
RT Spark Chambers
DEF A device for converting non-digital information into digits.

DIGITOXIN [01]
BT1 Digitalis Glycosides
BT2 Cardiotonics
BT3 Drugs
BT3 Steroids
BT4 Organic Compounds
BT2 Glycosides
BT3 Carbohydrates
BT4 Organic Compounds
RT Digoxin

Diglycol Monoalkyl Ethers
USE Carbitols

DIGOXIN [01]
UF *Lanoxin*
BT1 Digitalis Glycosides
BT2 Cardiotonics
BT3 Drugs
BT3 Steroids
BT4 Organic Compounds
BT2 Glycosides
BT3 Carbohydrates
BT4 Organic Compounds
RT Digitoxin

1,2-Dihydroxyanthraquinone
USE Alizarin

1,4-Dihydroxyanthraquinone
USE Quinizarin

Dihydroxyaromatics
USE Polyphenols

1,2-Dihydroxybenzene
USE Pyrocatechol

1,3-Dihydroxybenzene
USE Resorcinol

Dihydroxybenzene-meta
USE Resorcinol

Dihydroxybenzene-ortho
USE Pyrocatechol

3,4-Dihydroxyphenylalanine
USE Dopa

Dihydroxypropionic Acid
USE Glyceric Acid

Dihydroxysuccinic Acid
USE Tartaric Acid

DIIODOTYROSINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Tyrosine

Diisoamyl Methylphosphonate
USE DAMPA

Diisopentyl Methylphosphonate
USE DAMPA

Diisopropyl Ether
USE Isopropyl Ether

DILATOMETRY [01]
BT1 Thermal Analysis
RT Extensometers
RT Shrinkage
RT Thermal Expansion

DILUTE ALLOYS [01]
BT1 Alloys

DILUTION [01]
RT Isotope Dilution
RT Solutions

1-Dimensional Calculations
USE One-Dimensional Calculations

2-Dimensional Calculations
USE Two-Dimensional Calculations

3-Dimensional Calculations
USE Three-Dimensional Calculations

4-Dimensional Calculations
USE Four-Dimensional Calculations

DIMENSIONS [01]
NT1 Depth
NT2 Depth 1-3 km
NT2 Depth 3-6 km
NT2 Depth 6-9 km
NT2 Depth 9-12 km
NT1 Height
NT2 Scale Height
NT2 Virtual Height
NT1 Length
NT1 Thickness
NT2 Half-Thickness
NT1 Width
RT Amplitudes
RT Distance
RT Shape
RT Size
RT Topology
RT Volume

Dimercaprol
USE BAL

Dimercaptoethane
USE Dithiols

Dimercaptopropanol
USE BAL

DIMERIZATION [01]
BT1 Polymerization
BT2 Chemical Reactions

DIMERS [01]
RT Monomers
RT Polymers

1,2-Dimethoxyethane
USE DME

1,2-Dimethoxymethane
USE Methylal

Dimethyl Ketone
USE Acetone

Dimethyl Sulfoxide
USE DMSO

DIMETHYLBENZANTHRACENE
DA July 1979
UF *DMBA*
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds

Dimethylbenzenes
USE Xylenes

DIMETHYLGLYOXIME [01]
BT1 Oximes
BT2 Amines
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents

Dimethylphenols
DA January 1975
USE Xylenols

2,2-Dimethylpropane
USE 2-2-Dimethylpropane

2-2-DIMETHYLPROPANE [01]
UF *2,2-Dimethylpropane*
UF *Neopentane*
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

Dimethylpropionic Acid
USE Pivalic Acid

1,3-Dimethylxanthine
USE Theophylline

3,7-Dimethylxanthine
USE Theobromine

DIMPLE REACTOR [01]
(Uncooled, variably fueled.)
UF *Deuterium Moderated Pile Low Energy*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

DINEUTRONS [01]
DA February 1975
BT1 Polyneutrons
BT2 Neutrons
BT3 Nucleons
BT4 Baryons
BT5 Fermions
BT5 Hadrons
BT6 Elementary Particles

DINING CAR EVENT [01]
DA November 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

DINITROPHENOL [01]
UF *DNP*
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Nitrophenol

Diode Transistors
DA September 1975
USE Transistors

DIODE TUBES [01]
BT1 Electron Tubes
NT1 Thermionic Diodes

Diodes (Semiconductor)
USE Semiconductor Diodes

DIODRAST [01]
UF *Iodopyracet*
BT1 Contrast Media
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

Diols
USE Glycols

DIOPSIDE
DA January 1976
BT1 Pyroxenes
BT2 Minerals
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
DEF A mineral of the clinopyroxene group $CaMg(SiO_3)_2$.

DIORIT REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

DIOXANE [01]
UF *1,4-Dioxane*
UF *Dioxyethylene Ether*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds

1,4-Dioxane
USE Dioxane

Dioxyethylene Ether
USE Dioxane

DIP COATING [01]
BT1 Surface Coating
BT2 Deposition
NT1 Hot Dipping
RT Dipped Coatings

Dip Logging
DA August 1976
USE Dipmeter Logging

Dipentyl Sulfoxide
USE DPSO

Diphenyl Ketone
USE Benzophenone

Diphenylcarbazides
USE DPCA

DIPHENYLCARBAZONES [01]
BT1 Carbazones
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

Diphenylcarbinol
USE Benzhydrol

1,2-Diphenylethane
USE Bibenzyl

1,2-Diphenylethylene
USE Stilbene

Diphenylglycolic Acid
USE Benzilic Acid

Diphenylmethanol
USE Benzhydrol

Diphenylphosphine Oxide
USE Organic Phosphorus Compounds

Diphenylpicrylhydrazyl
USE DPPH

Diphenylthiocarbazone
USE Dithizone

Diphosphodihydropyridine Nucleotide
DA May 1976
USE NADH2

DIPHTHERIA [01]
BT1 Infectious Diseases
BT2 Diseases

Diplococcus Pneumoniae
USE Pneumococcus

DIPLOIDY [01]
BT1 Ploidy

DIPMETER LOGGING
DA August 1976
UF *Dip Logging*
BT1 Well Logging

DIPOLE MOMENTS [01]
NT1 Electric Dipole Moments
NT1 Magnetic Dipole Moments
RT Dipoles

DIPOLES [01]
BT1 Multipoles
NT1 Electric Dipoles
NT1 Magnetic Dipoles
RT Dipole Moments
RT Relaxation Losses

DIPPED COATINGS [01]
BT1 Coatings
RT Dip Coating

DIPROTONS [01]
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

DIRAC APPROXIMATION [01]
RT Quantum Mechanics

DIRAC COSMOLOGY [01]
BT1 Cosmology

Dirac Delta Function
USE Delta Function

DIRAC EQUATION [01]
BT1 Wave Equations
BT2 Differential Equations
BT3 Equations
RT Dirac Operators
RT Electrons
RT Foldy-Wouthuysen Transform
RT Joos-Weinberg Equation
RT Quantum Electrodynamics
RT Relativity Theory
RT Schroedinger Equation

DIRAC FORM FACTORS [01]
BT1 Form Factors
BT2 Particle Properties

DIRAC-HESTENES EQUATION [01]
BT1 Differential Equations
BT2 Equations

Dirac Matrices
USE Dirac Operators

Dirac Monopoles
USE Magnetic Monopoles

DIRAC OPERATORS [01]
UF *Dirac Matrices*
BT1 Quantum Operators
BT2 Mathematical Operators
RT Dirac Equation
RT Quantum Electrodynamics

DIRECT COLLECTION CONVERTERS [01]
BT1 Direct Energy Converters
NT1 Betavoltaic Cells
RT Radioisotope Batteries

DIRECT CONTACT HEAT EXCHANGERS
DA December 1977
BT1 Heat Exchangers

DIRECT CURRENT [01]
UF *Current (Direct)*
BT1 Electric Currents
BT2 Currents

DIRECT CYCLE COOLING SYSTEMS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components

DIRECT ENERGY CONVERSION [01]
BT1 Energy Conversion
BT2 Conversion
NT1 Thermionic Conversion
NT1 Thermoelectric Conversion
NT2 Thermal Batteries
NT1 Thermomagnetic Conversion
NT1 Thermophotovoltaic Conversion
RT Direct Energy Converters
RT Electrohydrodynamics
RT Magnetohydrodynamics

DIRECT ENERGY CONVERTERS [01]
NT1 Direct Collection Converters
NT2 Betavoltaic Cells
NT1 EFD Wind Generators
NT1 EHD Generators
NT1 Ferroelectric Converters
NT1 Fuel Cells
NT2 Acid Electrolyte Fuel Cells
NT2 Alcohol Fuel Cells
NT2 Ammonia Fuel Cells
NT2 Biochemical Fuel Cells
NT2 Coal Fuel Cells
NT2 Formaldehyde Fuel Cells
NT2 Formate Fuel Cells
NT2 Formic Acid Fuel Cells
NT2 High-Temperature Fuel Cells
NT2 Hydrazine Fuel Cells
NT2 Hydrocarbon Fuel Cells
NT2 Hydrogen Fuel Cells
NT2 Natural Gas Fuel Cells
NT2 Regenerative Fuel Cells
NT3 Redox Fuel Cells
NT1 MHD Generators
NT2 Closed-Cycle MHD Generators
NT2 Coal-Fired MHD Generators
NT3 MHD Generator CDIF
NT3 MHD Generator CFFF
NT3 MHD Generator ETF
NT3 MHD Generator UTSI
NT2 Disk MHD Generators
NT2 Liquid-Metal MHD Generators
NT2 MHD Generator AERL Mark VI
NT2 MHD Generator ETL Mark V
NT2 MHD Generator U-02
NT2 MHD Generator U-25
NT2 Open-Cycle MHD Generators
NT2 Pulsed MHD Generators
NT1 Photoelectric Cells
NT2 Photoconductive Cells
NT2 Photovoltaic Cells
NT3 Solar Cells
NT4 Cadmium Selenide Solar Cells
NT4 Cadmium Sulfide Solar Cells
NT4 Cadmium Telluride Solar Cells
NT4 Concentrator Solar Cells
NT4 Gallium Arsenide Solar Cells
NT4 Gallium Phosphide Solar Cells
NT4 Indium Phosphide Solar Cells
NT4 Organic Solar Cells
NT4 Selenium Solar Cells
NT4 Silicon Solar Cells
NT1 Radioisotope Batteries
NT2 SNAP Batteries
NT3 SNAP 1 Battery
NT3 SNAP 3 Battery
NT3 SNAP 5 Battery
NT3 SNAP 7 Battery
NT3 SNAP 9 Battery
NT3 SNAP 11 Battery
NT3 SNAP 13 Battery
NT3 SNAP 15 Battery
NT3 SNAP 17 Battery
NT3 SNAP 19 Battery
NT3 SNAP 21 Battery
NT3 SNAP 23 Battery
NT3 SNAP 25 Battery
NT3 SNAP 27 Battery
NT3 SNAP 29 Battery
NT1 Thermionic Converters
NT1 Thermoelectric Generators
NT1 Thermoelectric Heaters
NT1 Thermoelectric Refrigerators
NT1 Thermophotovoltaic Converters
RT Direct Energy Conversion
RT Power Supplies

DIRECT REACTIONS [01]
BT1 Nuclear Reactions
NT1 Knock-On Reactions
NT1 Knock-Out Reactions
NT1 Quasi-Free Reactions
NT2 Quasi-Elastic Scattering
NT1 Transfer Reactions
NT2 Multi-Nucleon Transfer Reactions
NT3 Four-Nucleon Transfer Reactions
NT4 Alpha-Transfer Reactions
NT3 Many-Nucleon Transfer Reactions
NT3 Three-Nucleon Transfer Reactions
NT3 Two-Nucleon Transfer Reactions
NT2 One-Nucleon Transfer Reactions
NT2 Pickup Reactions
NT2 Stripping
RT Oppenheimer-Phillips Process

Directional Correlation
USE Angular Correlation

DIRECTIONAL DRILLING
DA April 1977
BT1 Drilling
RT Enhanced Recovery
RT Geothermal Wells
RT Well Drilling
DEF Drilling at a deviated angle. The drilling usually starts out vertically and is then deflected gradually.

DIRECTIONAL RADIATION DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments

DIRECTORIES
DA October 1978
BT1 Document Types
RT Catalogs

DIRICHLET PROBLEM [01]
RT Differential Equations

DISACCHARIDES [01]
BT1 Oligosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Cellobiose
NT1 Lactose
NT1 Maltose
NT1 Melibiose
NT1 Saccharose

DISADVANTAGE FACTOR [01]
RT Multiplication Factors
RT Neutron Flux

DISASTERS
DA June 1978
NT1 Floods
NT1 Storms
NT2 Hurricanes
NT2 Tornadoes
NT1 Tsunamis
RT Explosions
RT Fires
RT Rain
RT Snow
RT Weather
RT Wind
DEF Large-scale drought, glacier movement, floods, fires, storms, etc.

DISCALOY [01]
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

DISCHARGE CANALS
DA January 1975
RT Auxiliary Water Systems

Discharges (Electric)
USE Electric Discharges

Discharges (Ionization)
USE Ionization

Discharges (Wastes)
USE Waste Disposal

Discharging (Reactor)
USE Reactor Fueling

Discount Rate
DA June 1978
USE Interest Rate

DISCRETE ORDINATE METHOD [01]
UF *Carlson Method*
UF *Discrete Ordinates*
UF *Sn Method*
RT Neutron Transport Theory

Discrete Ordinates
DA May 1978
USE Discrete Ordinate Method

DISCRIMINATORS [01]
BT1 Electronic Circuits
NT1 Pulse Discriminators
RT Timing Circuits

DISEASE RESISTANCE [01]
RT Diseases
RT Mutants
RT Plant Breeding

DISEASE VECTORS [01]
RT Diseases
RT Glossina
RT Insects
RT Mites
RT Parasites

RT Rodents
RT Snails

DISEASES [01]
(Limited to diseases of man and animals; see also PLANT DISEASES.)
NT1 Cardiovascular Diseases
NT2 Arteriosclerosis
NT2 Hypertension
NT2 Ischemia
NT2 Myocardial Infarction
NT2 Nephrosclerosis
NT2 Telangiectasis
NT2 Thrombosis
NT1 Congenital Diseases
NT2 Downs Syndrome
NT1 Diarrhea
NT1 Digestive System Diseases
NT2 Enteritis
NT2 Hepatitis
NT2 Liver Cirrhosis
NT2 Peritonitis
NT2 Proctitis
NT1 Endocrine Diseases
NT2 Acromegaly
NT2 Cushing Syndrome
NT2 Diabetes Mellitus
NT2 Goiter
NT2 Hyperthyroidism
NT2 Hypothyroidism
NT2 Thyroiditis
NT1 Epilepsy
NT1 Gas Bubble Disease
NT1 Heart Failure
NT1 Hemic Diseases
NT2 Anemias
NT3 Ischemia
NT3 Megaloblastic Anemia
NT3 Thalassemia
NT2 Leukemia
NT3 Myeloid Leukemia
NT2 Leukopenia
NT3 Lymphopenia
NT2 Malaria
NT2 Polycythemia
NT2 Purpura
NT1 Hereditary Diseases
NT1 Infectious Diseases
NT2 Cholera
NT2 Diphtheria
NT2 Fascioliasis
NT2 Filariasis
NT2 Gonorrhea
NT2 Herpes Simplex
NT2 Herpes Zoster
NT2 Hydatidosis
NT2 Influenza
NT2 Leprosy
NT2 Malaria
NT2 Measles
NT2 Mycoses
NT2 Newcastle Disease
NT2 Paratyphoid
NT2 Poliomyelitis
NT2 Schistosomiasis
NT2 Syphilis
NT2 Tetanus
NT2 Trichinosis
NT2 Trypanosomiasis
NT2 Tuberculosis
NT3 Lupus
NT2 Typhoid
NT2 Typhus
NT1 Metabolic Diseases
NT1 Neoplasms
NT2 Adenomas
NT2 Angiomas
NT2 Carcinomas
NT2 Epitheliomas
NT2 Experimental Neoplasms
NT3 Ehrlich Ascites Tumor
NT2 Hepatomas
NT2 Leukemia
NT3 Myeloid Leukemia
NT2 Lymphomas
NT3 Hodgkins Disease
NT3 Lymphosarcomas
NT2 Melanomas
NT2 Sarcomas
NT3 Fibrosarcomas
NT3 Lymphosarcomas
NT3 Myosarcomas
NT4 Rhabdomyosarcomas
NT3 Osteosarcomas
NT1 Nervous System Diseases
NT2 Encephalitis
NT2 Mental Disorders
NT2 Myelitis
NT2 Poliomyelitis
NT1 Occupational Diseases
NT1 Pathological Changes
NT2 Allergy
NT2 Ascites
NT2 Atrophy
NT2 Biological Shock
NT2 Caries
NT2 Edema
NT2 Fibrosis
NT2 Fistulae
NT2 Granulomas
NT2 Hemolysis
NT2 Hemorrhage
NT2 Hypertrophy
NT2 Inflammation
NT3 Abscesses
NT2 Jaundice
NT2 Leukopenia
NT3 Lymphopenia
NT2 Malformations
NT3 Congenital Malformations
NT4 Downs Syndrome
NT2 Necrosis
NT3 Gangrene
NT3 Osteoradionecrosis
NT2 Splenomegaly
NT2 Ulcers
NT1 Respiratory System Diseases
NT2 Asthma
NT2 Bronchitis
NT2 Emphysema
NT2 Pneumoconioses
NT3 Berylliosis
NT2 Pneumonia
NT3 Bronchopneumonia
NT1 Sense Organs Diseases
NT2 Cataracts
NT2 Conjunctivitis
NT1 Skeletal Diseases
NT2 Bone Fractures
NT2 Osteomyelitis
NT2 Osteoporosis
NT2 Osteoradionecrosis
NT2 Osteosarcomas
NT2 Rheumatic Diseases
NT2 Rickets
NT2 Spondylitis
NT1 Skin Diseases
NT2 Dermatitis
NT3 Radiodermatitis
NT2 Eczema
NT2 Herpes Simplex
NT2 Lupus
NT2 Psoriasis
NT2 Xeroderma Pigmentosum
NT1 Urogenital System Diseases
NT2 Menstruation Disorders
NT2 Nephritis
NT2 Nephrosclerosis
NT2 Reproductive Disorders
NT2 Uremia
NT1 Vascular Diseases
NT2 Hypertension
RT Disease Resistance
RT Disease Vectors
RT Etiology
RT Injuries
RT Pathology
RT Quarantine
RT Symptoms

DISHWASHERS
DA January 1977
BT1 Electric Appliances
BT2 Appliances
RT Cleaning

DISINFECTANTS
DA October 1975
RT Antiseptics
RT Bacteria
RT Infectivity
RT Pesticides

DISINFESTATION [01]
NT1 Grain Disinfestation
NT1 Radiodisinfestation
RT Irradiation
RT Pesticides
RT Preservation
RT Sterilization

Disintegration (Biological)
USE Decomposition

Disintegration (Chemical)
USE Decomposition

Disintegration (Fission)
USE Fission

Disintegration (Nuclear)
USE Decay

Disintegration (Nuclear Particle)
USE Annihilation

DISK MHD GENERATORS
DA May 1979
UF *Radial Flow MHD Generators*
BT1 MHD Generators
BT2 Direct Energy Converters

Disks (Magnetic)
USE Magnetic Disks

DISLOCATION PINNING [01]
RT Cold Working
RT Dislocations
RT Grain Boundaries

DISLOCATIONS [01]
BT1 Line Defects
BT2 Crystal Defects
BT3 Crystal Structure
NT1 Edge Dislocations
NT1 Frank-Read Source
NT1 Screw Dislocations
RT Bordoni Peak
RT Burgers Vector
RT Dislocation Pinning
RT Kikuchi Lines
RT Peierls-Nabarro Force
RT Slip
RT Stacking Faults
RT Superdislocations

Dismantling (Fuel Assembly)
USE Fuel Assembly Dismantling

Dismantling (Reactor)
USE Reactor Dismantling

Dispersal (Insect)
USE Insect Dispersal

Dispersants (Chemical)
DA July 1979
USE Surfactants

Disperse Systems
USE Dispersions

DISPERSION HARDENING [01]
BT1 Hardening

DISPERSION NUCLEAR FUELS [01]
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
BT1 Solid Fuels
BT2 Fuels
RT Fuel Dispersion Reactors
RT Fuel Particles
DEF A dispersion of nuclear fuel particles in a solid.

DISPERSION RELATIONS [01]
(For dispersion of light use OPTICAL DISPERSION.)

UF *Dispersion Theory*
UF *Fracer-Fulco Method*
RT CDD Poles
RT Mandelstam Representation
RT N-D Method
RT Partial Waves
RT Plasma Instability
RT Plasma Waves
RT Quantum Field Theory
RT Scattering
RT Scattering Amplitudes
RT Spectral Functions

Dispersion Theory
USE Dispersion Relations

DISPERSIONS [01]
(For the state of aggregation in materials; if related to wave phenomena see DISPERSION RELATIONS or OPTICAL DISPERSION.)
UF *Disperse Systems*
NT1 Colloids
NT2 Agar
NT2 Alginic Acid
NT2 Emulsions
NT3 Microemulsions
NT2 Foams
NT3 Plastic Foams
NT2 Gelatin
NT2 Gels
NT3 Hydrophylic Polymers
NT2 Radiocolloids
NT3 Thorotrast
NT2 Sols
NT3 Aerosols
NT4 Radioactive Aerosols
NT4 Smokes
NT5 Tobacco Smokes
NT1 Mixtures
NT2 Binary Mixtures
NT2 Homogeneous Mixtures
NT2 Mixed Solvents
NT2 Slurries
NT3 Fuel Slurries
NT2 Solutions
NT3 Aqueous Solutions
NT3 Hypertonic Solutions
NT3 Process Solutions
NT3 Solid Solutions
NT1 Suspensions
NT2 Slurries
NT3 Fuel Slurries
NT1 TD-Nickel
NT1 TD-Nickel Chromium
RT Dusts
RT Elutriation
RT Gases
RT Liquids
RT Microspheres
RT Particle Resuspension
RT Particle Size
RT Particles
RT Solids
RT Sprays

Dispersive Ion Waves
USE Ion Plasma Waves

DISPLACEMENT GAGES [01]
UF *Position Indicators*
BT1 Measuring Instruments

DISPLAY DEVICES [01]
UF *Data Display Devices*
UF *Data Display Systems*
NT1 Interactive Display Devices
RT Cathode Ray Tubes
RT Computer Graphics
RT Computer Output Devices
RT Consoles
RT Electronic Equipment
RT Image Tubes
RT Images
RT Plotters
RT Semiconductor Devices

Disposal (Wastes)
USE Waste Disposal

Disproportionation
USE Oxidation
AND Reduction

DISSIPATION FACTOR [01]
RT Energy Losses
RT Heat Losses

DISSOCIATING GASES
DA March 1976
BT1 Gases
BT2 Fluids
RT Dissociation

DISSOCIATION [01]
NT1 Predissociation
RT Decomposition
RT Dissociating Gases
RT Dissociation Energy
RT Dissociation Heat
RT Electrolysis
RT Electrolytes
RT Ionization
RT Photolysis
RT Pyrolysis
RT Radiolysis
RT Reaction Kinetics

DISSOCIATION ENERGY [01]
(For the bond property only; for the reaction property see DISSOCIATION HEAT.)
UF *Energy of Dissociation*
BT1 Energy
RT Dissociation
RT Formation Heat
RT Molecular Structure

DISSOCIATION HEAT [01]
UF *Heat of Dissociation*
BT1 Reaction Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties
RT Dissociation
RT Formation Heat
RT Thermochemical Heat Storage

DISSOLUTION [01]
NT1 Leaching
RT Dissolvers
RT Solubility
RT Solutions
RT Solvent Extraction
RT Solvent Properties
RT Solvents

DISSOLVERS
DA January 1976
RT Dissolution

DISTANCE [01]
NT1 Elementary Length
NT1 Interaction Range
NT1 Interatomic Distances
RT Automation
RT Dimensions
RT Manipulators
RT Radiation Protection
RT Range
RT Remote Handling
RT Shielding
RT Thickness

Distillate Fuel
DA March 1976
USE Heating Oils

Distillate Fuel Oil
DA March 1976
USE Heating Oils

DISTILLATES
DA April 1975
NT1 Petroleum Distillates
NT2 Naphtha
RT Distillation
RT Gas Recycle Hydrogenation Process
RT Oils
RT Vapors

DISTILLATION [01]
BT1 Separation Processes
NT1 Destructive Distillation
RT Azeotrope
RT Chloride Volatility Process
RT Demineralization
RT Desalination
RT Distillates
RT Distillation Equipment
RT Evaporation
RT Evaporators
RT Flash Heating
RT Fluoride Volatility Process
RT Fractionation
RT Petroleum
RT Petroleum Refineries
RT Volatility

DISTILLATION EQUIPMENT
DA September 1976
BT1 Equipment
RT Distillation
RT Petroleum Refineries

Distorted Wave Born Approximation
USE DWBA

DISTORTED WAVE THEORY [01]
RT DWBA
RT Nuclear Reaction Kinetics

DISTRIBUTED COLLECTOR POWER PLANTS
DA September 1978
BT1 Solar Thermal Power Plants
BT2 Solar Power Plants
BT3 Power Plants

DISTRIBUTION [01]
(For energy distribution use ENERGY SPECTRA.)
UF+ *Inclusive Distribution*
NT1 Angular Distribution
NT1 Spatial Distribution
NT1 Tissue Distribution
RT Allocations
RT Anisotropy
RT Asymmetry
RT Boltzmann Statistics
RT Gauss Function
RT Gaussian Processes
RT Isotropy
RT Particle Kinematics
RT Symmetry

Distribution Factor (Rad Doses)
USE Spatial Dose Distributions

DISTRIBUTION FUNCTIONS [01]
RT Ion Exchange
RT Ion Exchange Chromatography
RT Plasma
RT Solvent Extraction

DISTRICT COOLING
DA November 1975
BT1 Cooling
RT Central Heating Plants

DISTRICT HEATING [01]
DA January 1975
BT1 Heating
NT1 Geothermal District Heating
RT Central Heating Plants
RT Co-Generation
RT DEUS
RT Dual-Purpose Power Plants
RT Geothermal Heating Systems
RT Heat Distribution Systems
RT Hot Water
RT Thermal Transmission ICES

District of Columbia
DA September 1978
USE Washington DC

DISTURBANCES [01]
UF *Perturbations*
NT1 Sudden Ionospheric Disturbance
NT1 Travelling Ionospheric Disturbance

RT Magnetic Storms
RT Oscillations
RT Pulsations
RT Variations

DISULFIDES [01]
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Cystine
NT1 Thioctic Acid

Disulfodiphenylpicrylhydrazyl
USE SDPPH

Disused Mineshafts
DA May 1978
USE Abandoned Shafts

DITHIOLS [01]
UF *Dimercaptoethane*
UF *1,2-Ethanedithiol*
BT1 Reagents
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
NT1 BAL
NT1 Unithiol

DITHIZONE [01]
UF *Diphenylthiocarbazone*
BT1 Carbazones
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Chelating Agents
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
BT1 Reagents

DIURETICS [01]
BT1 Drugs
NT1 Chlorothiazide
NT1 Neohydrin
NT1 Theobromine
NT1 Theophylline
NT1 Urotropin
RT Edema
RT Urine

Diurnal Variation
USE Daily Variations

Divergences (Infrared)
DA June 1975
USE Infrared Divergences

Divergences (Ultraviolet)
DA June 1975
USE Ultraviolet Divergences

DIVERTORS [01]
NT1 PDX Devices
RT Thermonuclear Reactors

DIVING OPERATIONS
DA March 1976
RT Life Support Systems
RT Offshore Operations
RT Underwater Facilities
RT Underwater Operations

DIVINYLBENZENE
DA July 1979
BT1 Aromatics
BT2 Organic Compounds

Djakarta IRT-2000 Reactor
USE IRT-2000 Djakarta Reactor

DJALMAITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

DMBA
DA July 1979
USE Dimethylbenzanthracene

DME [01]
UF *1,2-Dimethoxyethane*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Organic Solvents

DMSO [01]
UF *Dimethyl Sulfoxide*
BT1 Sulfoxides
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

DMTR REACTOR [01]
UF *Dounreay Materials Testing Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DNA [01]
UF *Deoxypentose Nucleic Acid*
UF *Deoxyribonucleic Acid*
UF *Desoxyribonucleic Acid*
BT1 Nucleic Acids
BT2 Organic Compounds
RT Chromosomes
RT DNA-ASE
RT DNA-Cloning
RT DNA Replication
RT Feulgen Method
RT Helical Configuration
RT Host-Cell Reactivation
RT Strand Breaks

DNA-ASE [01]
UF *Deoxyribonuclease*
UF *Nuclease (Deoxyribonuclease)*
BT1 Phosphatases
BT2 Esterases
BT3 Hydrolases
BT4 Enzymes
RT DNA

DNA-CLONING [01]
DA November 1977
BT1 Cloning
RT DNA
RT DNA Replication

DNA REPLICATION [01]
BT1 Nucleic Acid Replication
RT Cell Cycle
RT DNA
RT DNA-Cloning
RT Transcription

DNB
USE Departure Nucleate Boiling

DNP
USE Dinitrophenol

DOCA [01]
UF *Desoxycorticosterone Acetate*
BT1 Mineralocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

Document Retrieval
USE Information Retrieval

DOCUMENT TYPES [01]
NT1 Abstracts
NT2 Leading Abstract
NT1 Bibliographies
NT1 Catalogs
NT1 Dictionaries
NT1 Directories
NT1 Environmental Impact Statements
NT1 Indexes
NT1 Lectures
NT1 Manuals
NT1 Patents
NT1 Proceedings
NT1 Regulatory Guides
NT1 Reviews

DOCUMENTATION [01]
RT Information Retrieval
RT Information Systems
RT Privacy Act
DEF The assembling, coding, and disseminating of recorded knowledge.

DODECANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

DODECANOIC ACID [01]
UF *Lauric Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

DODECYL RADICALS [01]
UF *Lauryl Radicals*
BT1 Alkyl Radicals
BT2 Radicals

DODEWAARD REACTOR [01]
UF *GKN Reactor (Dodewaard)*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DOEL-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DOEL-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DOEL-3 REACTOR [01]
DA November 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors

BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DOGS [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals
NT1 Beagles

Dolantal
DA May 1975
USE Pethidine

DOLLARS [01]
BT1 Reactivity Units

DOLOMITE [01]
UF *Bitter Spar*
UF *Pearl Spar*
BT1 Carbonate Rocks
BT2 Reservoir Rock
BT3 Rocks
BT1 Magnesium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT1 Minerals
RT Calcium Carbonates
DEF A common rock-forming rhombohedral mineral: $CaMg(CO_3)_2$.

DOMAIN STRUCTURE [01]
NT1 Bloch Wall
RT Magnetic Properties

DOMESTIC ANIMALS [01]
UF *Farm Animals*
UF *Livestock*
BT1 Animals
NT1 Cattle
NT2 Calves
NT2 Cows
NT1 Goats
NT1 Sheep
NT1 Swine
NT2 Miniature Swine
RT Agriculture
RT Animal Breeding
RT Buffalo
RT Rangelands
RT Rearing
RT Screwworm Fly

DOMESTIC CRUDE OIL ENTITLEMENTS PROGRAM
DA March 1979
USE Entitlements Program

DOMESTIC SAFEGUARDS [01]
BT1 Safeguards

DOMESTIC SUPPLIES
DA December 1978
RT Exports
RT Imports
RT Supply and Demand

DOMINANT MUTATIONS [01]
BT1 Mutations

DOMINIC PROJECT [01]
UF *Project (Dominic)*
NT1 Starfish Event
NT1 Swordfish Event
RT Atmospheric Explosions
RT Nuclear Explosions
RT Underwater Explosions

DOMINICAN REPUBLIC [01]
BT1 Central America
BT2 Latin America
NT1 West Indies
NT2 Bahama Islands
NT2 Cuba
NT2 Jamaica
NT2 Puerto Rico
NT2 Trinidad and Tobago

Donald C. Cook-1 Reactor
USE Cook-1 Reactor

Donald C. Cook-2 Reactor
USE Cook-2 Reactor

Donkeys
DA April 1978
USE Burros

DONNAN THEORY [01]
RT Diffusion
RT Electrolytes
RT Osmosis

DOORS [01]
NT1 Storm Doors
RT Air Curtains
RT Openings

DOPA [01]
UF *3,4-Dihydroxyphenylalanine*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Dopamine
RT Phenylalanine

DOPAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Sympathomimetics
BT2 Drugs
RT Dopa
RT Pyrocatechol

DOPED MATERIALS [01]
RT Bromine Additions
RT Chlorine Additions
RT Crystal Doping
RT Ion Implantation
RT Trace Amounts

Doping (Crystal)
USE Crystal Doping

DOPPLER BROADENING [01]
BT1 Line Broadening
RT Doppler Coefficient
RT Doppler Effect

DOPPLER COEFFICIENT [01]
BT1 Reactivity Coefficients
RT Doppler Broadening
RT Temperature Coefficient

DOPPLER EFFECT [01]
RT Doppler Broadening
RT Einstein Effect
RT Red Shift
RT Spectral Shift

DOPPLERONS
DA January 1975
BT1 Quasi Particles

DORF REACTOR [01]
UF *Diamond Ordnance Radiation Facility*
UF *TRIGA-F-DORF Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DORIS STORAGE RING [01]
BT1 Storage Rings

DOSE COMMITMENTS [01]
RT Delayed Radiation Effects
RT Internal Irradiation
RT Life Span
RT Medical Surveillance
RT Radiation Doses
RT Radionuclide Kinetics

Dose Distributions
USE Radiation Dose Distributions

DOSE EQUIVALENTS [01]
UF+ *Rem*
UF+ *Roentgen Equivalent Man*
RT LET
RT Quality Factor
RT Radiation Doses
RT Tissue-Equivalent Detectors

Dose Fractionation
USE Fractionated Irradiation

DOSE LIMITS [01]
BT1 Safety Standards
BT2 Standards
RT Maximum Permissible Dose
RT Radiation Doses
RT UNSCEAR

DOSE RATEMETERS [01]
UF *Ratemeters (Dose)*
RT Dosimetry

DOSE RATES [01]
RT Low Dose Irradiation
RT Pulsed Irradiation
RT Radiation Doses
RT Radiation Effects
RT Temporal Dose Distributions

DOSE-RESPONSE RELATIONSHIPS [01]
RT Biological Effects
RT Biological Indicators
RT Fractionated Irradiation
RT Genetically Significant Dose
RT Lethal Irradiation
RT Low Dose Irradiation
RT Radiation Dose Distributions
RT Radiation Doses
RT Radiation Effects
RT Radiosensitivity
RT Sublethal Irradiation
RT Supralethal Irradiation
RT Survival Curves
RT Toxicity

DOSEMETERS [01]
UF *Dosimeters*
UF *Radiation Dosemeters*
BT1 Measuring Instruments
NT1 Albedo-Neutron Dosemeters
NT1 Biological Dosemeters
NT1 Bragg Gray Chambers
NT1 Calorimetric Dosemeters
NT1 Chemical Dosemeters
NT1 Colorimetric Dosemeters
NT1 Condenser Ionization Chambers
NT1 Exoelectron Dosemeters
NT1 Extrapolation Chambers
NT1 Luminescent Dosemeters
NT2 RPL Dosemeters
NT2 Thermoluminescent Dosemeters
NT1 Photographic Film Dosemeters
NT1 RITAC Dosemeters

NT1 RITAD Dosemeters
RT Dosimetry
RT Radiation Detection
RT Radiation Detectors
RT Radiation Doses
RT Radiation Monitoring
RT Radiation Monitors
RT Scintillation Counters
RT Semiconductor Detectors

DOSES
DA April 1976
NT1 Lethal Doses
NT2 Lethal Radiation Dose
NT1 Radiation Doses
NT2 Genetically Significant Dose
NT2 Integral Doses
NT2 Lethal Radiation Dose
NT2 Threshold Dose

Dosimeters
USE Dosemeters

DOSIMETRY [01]
UF *Radiation Dosimetry*
NT1 Alpha Dosimetry
NT1 Beta Dosimetry
NT1 Electron Dosimetry
NT1 Film Dosimetry
NT1 Gamma Dosimetry
NT1 Ion Dosimetry
NT1 Microdosimetry
NT1 Neutron Dosimetry
NT1 Personnel Dosimetry
NT1 Pion Dosimetry
NT1 Proton Dosimetry
NT1 Thermoluminescent Dosimetry
NT1 X-Ray Dosimetry
RT Dose Ratemeters
RT Dosemeters
RT ICRU
RT Lyoluminescence
RT Measuring Methods
RT Radiation Detection
RT Radiation Dose Units
RT Radiation Doses
RT Radiation Monitoring
RT Radiation Protection
RT Radiations

DOUBLE BONDS [01]
BT1 Chemical Bonds
RT Binding Energy

Double Focusing Spectrometers
USE Flat Magnetic Spectrometers

DOUBLE LABELLING [01]
BT1 Labelling
RT Labelled Compounds

DOUBLE RESONANCE METHODS [01]
DA April 1977
RT Absorption Spectroscopy
RT ELDOR
RT Electron Spin Resonance
RT ENDOR
RT Optical Pumping
RT Zeeman Effect
DEF Simultaneous excitation of two resonance transitions of different frequencies increasing the sensitivity of high frequency spectroscopy.

DOUBLET-1 DEVICE [01]
(Quadrupolar configuration)
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

DOUBLET-2 DEVICE [01]
(Octupolar configuration)
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

Doublet 3 Devices
DA December 1978
USE Doublet Reactors

DOUBLET REACTORS
DA April 1978
UF *Doublet 3 Devices*
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

DOUGLAS POINT ONTARIO REACTOR [01]
(For information indexed before 1976 CANDU REACTOR was used.)
DA December 1975
UF *Candu Reactor*
UF *Douglas Point Power Station*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

Douglas Point Power Station
USE Douglas Point Ontario Reactor

DOUGLAS POINT-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DOUGLAS POINT-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Dounreay Fast Reactor
USE DFR Reactor

Dounreay Materials Testing Reactor
USE DMTR Reactor

Dounreay Prototype Fast Reactor
USE PFR Reactor

Dow Chemical TRIGA-Mk-1 Reactor
USE Dow TRIGA-Mk-1 Reactor

DOW LIQUEFACTION PROCESS
DA July 1979
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Expendable catalyst system based on emulsion technology, hydrocyclones for partial solids removal, and liquid-liquid extractor.

Dow Pusher 700
DA March 1977
USE Polyamides

DOW TRIGA-MK-1 REACTOR [01]
UF *Dow Chemical TRIGA-Mk-1 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Dowex
USE Organic Ion Exchangers

Downhole Information Systems
DA December 1978
USE MWD Systems

DOWNS SYNDROME [01]
UF *Mongolism*
BT1 Congenital Diseases
BT2 Diseases
BT1 Congenital Malformations
BT2 Malformations
BT3 Pathological Changes
BT4 Diseases
RT Chromosomal Aberrations

Dowtherm
DA April 1975
USE Biphenyl
AND Phenyl Ether

DPCA [01]
UF *Diphenylcarbazides*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds

*D*Phenomenon*
USE D*Resonances

DPO
(Diphenylphosphine oxide)
USE Organic Phosphorus Compounds

DPP COMPUTERS [01]
BT1 Computers

DPPH [01]
UF *Diphenylpicrylhydrazyl*
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Radicals
RT Hydrazine

DPSO [01]
UF *Diamyl Sulfoxide*
UF *Dipentyl Sulfoxide*
BT1 Sulfoxides
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

DR-1 REACTOR [01]
UF *Danish Reactor-1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors

BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

DR-2 REACTOR [01]
UF *Danish Reactor-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DR-3 REACTOR [01]
UF *Danish Reactor-3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DRAFT CONTROL SYSTEMS
DA January 1979
UF *Dampers (Gas Flow)*
RT Chimneys
RT Flue Gas
RT Furnaces
RT Stacks

DRAG [01]
UF *Drag Coefficient*
RT Fluid Mechanics

Drag Coefficient
USE Drag

Drag Effect
USE Electrophoresis

DRAGON REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors

DRAIN-DOWN SYSTEMS
DA March 1978
RT Freeze Protection
RT Freezing
RT Solar Collectors
RT Solar Water Heaters
DEF Method of freeze protection for solar collectors by draining water out of collector when collector plate reaches a dangerously low temperture.

Draperies
DA February 1979
USE Curtains

DRAWDOWN
DA January 1975
RT Ground Water
DEF The distance by which the level at a reservoir is lowered by the withdrawal of water.

DRAWING [01]
BT1 Materials Working
BT2 Fabrication
RT Cold Working

DREDGE SPOIL
DA April 1978
RT Dredging
RT Sediments
RT Solid Wastes
RT Spoil Banks

DREDGING
DA April 1978
RT Dredge Spoil
RT Excavation

DRELL MODEL [01]
RT Photoproduction

DRESDEN-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DRESDEN-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DRESDEN-3 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

D*RESONANCES [01]
UF *D*Effect*
UF *D*Phenomenon*
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
RT Deuterons

Drift (Electron)
USE Electron Drift

Drift (Ion)
USE Ion Drift

Drift (Plasma)
USE Plasma Drift

DRIFT CHAMBERS [01]
DA April 1975
UF *Multiwire Drift Chambers*
BT1 Multiwire Proportional Chambers
BT2 Proportional Counters
BT3 Radiation Detectors
BT4 Measuring Instruments
RT Projection Spark Chambers

DRIFT INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Plasma Drift

DRIFT TUBES [01]
RT Cyclic Accelerators

DRILL BITS [01]
DA September 1975
BT1 Drilling Equipment
BT2 Equipment
RT Drilling
RT Drills
RT Jet Drills
RT Rotary Drills
RT Spark Drills

DRILL CORES [01]
UF *Cores (Drill)*
RT Well Logging
DEF A cylindrical or columnar piece of solid rock or section of soil, taken as a sample of an underground formation by a special hollow-type drill bit.

DRILL PIPES
DA March 1977
BT1 Drilling Equipment
BT2 Equipment
RT Drills

Drill Ships
DA August 1976
USE Offshore Platforms
AND Ships

DRILL STEM TESTING
DA June 1977
BT1 Testing
RT Natural Gas Wells
RT Oil Wells
DEF Tests involving temporary completion of a well to prove the productive possibilities of an oil or gas strike with the drill stem in the hole.

DRILLING
DA January 1975
NT1 Directional Drilling
NT1 Offshore Drilling
NT1 Rock Drilling
NT1 Rotary Drilling
NT1 Well Drilling
RT Drill Bits
RT Drilling Fluids
RT MWD Systems
RT Wells

Drilling (Materials)
USE Materials Drilling

Drilling (Rock)
USE Rock Drilling

DRILLING EQUIPMENT
DA March 1976
UF *Diamond Drilling Equipment*

BT1 Equipment
NT1 Coring Equipment
NT1 Drill Bits
NT1 Drill Pipes
NT1 Drills
NT2 Jet Drills
NT2 Rotary Drills
NT2 Spark Drills
NT2 Subterrene Penetrators
RT Drilling Fluids
RT Rotary Drilling
RT Well Drilling

DRILLING FLUIDS
(Limited to materials used in well drilling.)
DA January 1975
UF *Drilling Mud*
RT Drilling
RT Drilling Equipment
RT Rotary Drilling
DEF A suspension of finely divided heavy material, such as bentonite or barite, pumped through the drill pipe during rotary drilling to seal off porous zones, flush out chippings, and to lubricate and cool the bit.

Drilling Mud
DA January 1975
USE Drilling Fluids

Drilling Platforms
DA March 1976
USE Offshore Platforms

DRILLING RIGS
DA October 1975
RT Natural Gas
RT Petroleum
RT Well Drilling
DEF A drill machine complete with all tools and accessory equipment needed to drill boreholes.

Drilling Risers
DA April 1977
USE Marine Risers

DRILLS
DA March 1977
BT1 Drilling Equipment
BT2 Equipment
NT1 Jet Drills
NT1 Rotary Drills
NT1 Spark Drills
NT1 Subterrene Penetrators
RT Drill Bits
RT Drill Pipes
RT Rock Drilling
RT Well Drilling

DRINKING WATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Auxiliary Water Systems
RT Beverages
RT Diet
RT Food
RT Fresh Water
RT Ingestion

DROPLET MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

DROPLETS [01]
BT1 Particles
RT Aerosols
RT Atmospheric Precipitations
RT Atomization
RT Liquids
RT Particle Size
RT Rain
RT Sprays
RT Washout

DROPWISE CONDENSATION [01]
BT1 Vapor Condensation

DROSOPHILA [01]
BT1 Fruit Flies
BT2 Flies
BT3 Insects
BT4 Arthropods
BT5 Invertebrates
BT6 Animals

DRUGS [01]
UF *Medicines*
UF *Pharmaceuticals*
NT1 Analgesics
NT2 Acetylsalicylic Acid
NT2 Antipyrine
NT2 Codeine
NT2 Morphine
NT2 Pethidine
NT1 Anesthetics
NT2 Cocaine
NT2 Procaine
NT2 Thiopental
NT1 Antibiotics
NT2 Actinomycin
NT2 Bleomycin
NT2 Chloramphenicol
NT2 Cycloheximide
NT2 Erythromycin
NT2 Mitomycin
NT2 Penicillin
NT2 Puromycin
NT2 Streptomycin
NT2 Sulfadiazine
NT2 Tetracyclines
NT3 Chlortetracycline
NT3 Oxytetracycline
NT2 Valinomycin
NT1 Anticoagulants
NT2 Dicumarol
NT2 Heparin
NT2 Psoralen
NT2 Tromexan
NT1 Antihistaminics
NT1 Antimitotic Drugs
NT2 Actinomycin
NT2 Alkylating Agents
NT3 Endoxan
NT3 Myleran
NT3 Nitrogen Mustard
NT2 Antimetabolites
NT3 Aminopterin
NT3 Bromouracils
NT4 BUDR
NT3 Fluorouracils
NT4 FUDR
NT3 Iodouracils
NT4 Iododeoxyuridine
NT3 Mercaptopurine
NT3 Methotrexate
NT2 Bleomycin
NT2 Colchicine
NT2 Mitomycin
NT2 Oncovin
NT2 Vinblastine
NT1 Antineoplastic Drugs
NT2 Chlorambucil
NT1 Antipyretics
NT2 Antipyrine
NT2 Cinchonine
NT2 Quinine
NT1 Antithyroid Drugs
NT2 Thiouracil
NT2 Thiourea
NT1 Betaine
NT1 Caffeine
NT1 Cardiotonics
NT2 Digitalis Glycosides
NT3 Digitoxin
NT3 Digoxin
NT2 Strophantin
NT3 Ouabain
NT1 Diuretics
NT2 Chlorothiazide
NT2 Neohydrin
NT2 Theobromine
NT2 Theophylline
NT2 Urotropin
NT1 Hypnotics and Sedatives
NT2 Barbiturates
NT3 Amytal
NT3 Nembutal
NT3 Phenobarbital
NT3 Thiopental
NT1 Immunosuppressive Drugs
NT1 Isoniazid
NT1 Methylene Blue
NT1 Narcotics
NT2 Heroin
NT2 Methadone Hydrochloride
NT2 Morphine
NT1 Ointments
NT1 Opium
NT1 Parasympatholytics
NT2 Atropine
NT1 Parasympathomimetics
NT2 Acetylcholine
NT2 Eserine
NT2 Pilocarpine
NT1 PAS
NT1 Psychotropic Drugs
NT2 Hallucinogens
NT2 Iproniazid
NT2 Tranquilizers
NT3 Chlorpromazine
NT3 Imipramine
NT3 Reserpine
NT1 Radiomimetic Drugs
NT1 Radiopharmaceuticals
NT1 Radioprotective Substances
NT2 Acridones
NT2 AET
NT2 BAL
NT2 Bufotenine
NT2 Cystamine
NT2 Cystaphos
NT2 Cytriphos
NT2 Dianabol
NT2 DTPA
NT2 Ethyrone
NT2 Gammaphos
NT2 Hydroxytryptophan
NT2 Kallikrein
NT2 MEA
NT2 MEG
NT2 Mercaptopropylamine
NT2 Penicillamine
NT2 Pentacyn
NT2 Serotonin
NT3 Mexamine
NT1 Radiosensitizers
NT2 FUDR
NT2 Metronidazole
NT2 NEM
NT2 TAN
NT1 Sympatholytics
NT2 Ergotamine
NT1 Sympathomimetics
NT2 Adrenaline
NT2 Angiotensin
NT2 Benzedrine
NT2 Dopamine
NT2 Ephedrine
NT2 Noradrenaline
NT2 Serotonin
NT3 Mexamine
NT2 Tyramine
RT Antiseptics
RT Chelating Agents
RT Chemotherapy
RT Diagnostic Uses
RT Medical Supplies
RT Medicinal Plants
RT Mutagens
RT Pharmacology
RT Sulfonamides
RT Therapy
RT Toxicity
RT Vitamins

DRUM WALLS
DA February 1979
UF *Baer Walls*
BT1 Passive Solar Cooling Systems
BT2 Solar Cooling Systems
BT1 Passive Solar Heating Systems
BT2 Solar Heating Systems
BT3 Heating Systems

BT1 Sensible Heat Storage
BT2 Heat Storage
BT3 Energy Storage
BT4 Storage
BT1 Walls
RT Buildings

DRY ASHING [01]
UF *Ashing (Dry)*
RT Combustion
RT Sample Preparation

DRY HOLES
DA June 1977
BT1 Wells
RT Natural Gas Wells
RT Oil Wells
DEF A well that is not expected to produce hydrocarbons in sufficient quantity to make its development into a producing well a worthwhile proposition. It may or may not have shown the presence of oil or gas.

Dry-Steam Systems
DA March 1976
USE Vapor-Dominated Systems

Dry-Type Cooling Towers
DA April 1975
USE Closed-Cycle Cooling Systems
AND Cooling Towers

DRYERS [01]
DA October 1975
NT1 Clothes Dryers
NT1 Solar Dryers
RT Dehydrators

Dryers, Clothes
DA June 1977
USE Clothes Dryers

DRYING [01]
NT1 Solar Drying
NT1 Spray Drying
RT Coal Preparation
RT Curing
RT Dehydration
RT Desiccants
RT Evaporation
RT Lyophilization
RT Solar Kilns

DRYOUT [01]
RT Burnout
RT Heat Flux
RT Hot Spots
RT Rewetting

DSNADNS
USE Beryllon

DTA
USE Differential Thermal Analysis

DTO
USE Deuterium Compounds
AND Heavy Water
AND Tritium Compounds

DTPA [01]
UF *Diethylenetriaminepentaacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

DUAL ABSORPTION MODEL [01]
BT1 Particle Models
BT2 Mathematical Models

DUAL CYCLE COOLING SYSTEMS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components

Dual Energy Use Systems
DA November 1978
USE DEUS

DUAL-FUEL ENGINES
DA July 1977
BT1 Engines
RT Diesel Engines
RT Fuel Gas
DEF Usually a diesel engine modified to include a gas supply system for operation in dual mode.

DUAL-ISOTOPE SUBTRACTION TECHNIQUE [01]
BT1 Tracer Techniques
BT2 Isotope Applications
RT Radiopharmaceuticals
RT Scintiscanning

DUAL-PURPOSE POWER PLANTS [01]
DA March 1976
BT1 Power Plants
RT Co-Generation
RT Desalination
RT Desalination Plants
RT District Heating
RT Power Generation
RT Process Heat
RT Refuse-Fueled Power Plants
RT Resource Recovery Facilities

DUAL RESONANCE MODEL [01]
BT1 *Veneziano Model*
BT2 Particle Models
BT3 Mathematical Models
RT Duality

DUAL TEMPERATURE PROCESS [01]
DA September 1975
UF *GS Process*
BT1 Isotope Separation
BT2 Separation Processes
BT1 Isotopic Exchange
RT Heavy Water

DUALITY [01]
RT Dual Resonance Model
RT Scattering Amplitudes
DEF Correlation between resonance poles and scattering amplitudes.

DUANE ARNOLD-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

Dubai
DA August 1976
USE United Arab Emirates

DUBNA [01]
BT1 USSR
BT2 Europe

Dubna Pulsed Reactor
DA March 1975
USE IBR-2 Reactor

DUBNA SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

DUCKS [01]
BT1 Fowl
BT2 Birds
BT3 Vertebrates
BT4 Animals

DUCTILE-BRITTLE TRANSITIONS [01]
UF *Transitions (Ductile-Brittle)*
RT Brittleness
RT Ductility
RT Embrittlement

DUCTILITY [01]
BT1 Tensile Properties
BT2 Mechanical Properties
RT Brittle-Ductile Transitions
RT Ductile-Brittle Transitions
RT Plasticity

DUCTS [01]
UF+ *Ventilation Ducts*
RT Diffusers
RT Openings
RT Pipes
RT Tubes

Duke Power Company Reactor 1
USE Duke-1 Reactor

Duke Power Company Reactor 2
USE Duke-2 Reactor

DUKE-1 REACTOR [01]
UF *Duke Power Company Reactor 1*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DUKE-2 REACTOR [01]
UF *Duke Power Company Reactor 2*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

DUKOVANY V-2 REACTOR [01]
UF *V-2 Reactor (Dukovany)*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

DUMONTITE [01]
BT1 Lead Phosphates
BT2 Lead Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

DUNGENESS-A REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

DUNGENESS-B REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Duodenum
USE Small Intestine

DUOPLASMATRONS [01]
BT1 Ion Sources
BT1 Plasmatrons
BT2 Electron Tubes

DURALUMIN [01]
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Magnesium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

DURANALIUM [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Magnesium Alloys
BT2 Alloys

DURANICKEL [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

DURCO [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

DURENE [01]
UF *1,2,4,5-Tetramethylbenzene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

DURIRON [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Alloys
BT2 Alloys

DUST COLLECTORS [01]
DA February 1976
RT Dusts
RT Electrostatic Precipitators
RT Fabric Filters
RT Filters
RT Scrubbers
RT Separation Processes

DUST COOLED REACTORS [01]
BT1 Reactors

Dust Fueled Reactors
USE Fluid Fueled Reactors

DUSTS [01]
UF *Respirable Dusts*
NT1 Cosmic Dust
RT Aerosols
RT Dispersions
RT Dust Collectors
RT Elutriation
RT Filters
RT Inhalation
RT Lunar Materials
RT Particle Resuspension
RT Particle Size
RT Particles
RT Pneumoconioses
RT Powders
RT Respirators
RT Rock Dusting
RT Sedimentation

DWARF STARS [01]
BT1 Stars
NT1 Black Dwarf Stars
NT1 Red Dwarf Stars
NT1 White Dwarf Stars
RT Helium Burning

DWBA [01]
UF *Distorted Wave Born Approximation*
BT1 Born Approximation
RT Distorted Wave Theory
RT Nuclear Reaction Kinetics
RT Scattering

DYE LASERS [01]
DA January 1975
BT1 Lasers
RT Chemical Lasers

DYES [01]
SF *Chemicals*
NT1 Acridine Orange
NT1 Alizarin
NT1 Azo Dyes
NT2 Acid Chrome Dyes
NT2 Beryllon
NT2 Congo Red
NT2 Eriochrome Dyes
NT2 Erioglaucine
NT2 Evans Blue
NT2 Methyl Orange
NT2 Methyl Red
NT2 Toluidine Blue
NT2 Trypan Blue
NT1 Curcumin
NT1 Cyanine Dyes
NT1 Eosin
NT1 Fluorescein
NT2 Erythrosine
NT1 Hematoxylin
NT1 Indocyanine Green
NT1 Morin
NT1 Murexide
NT1 Phthalocyanines
NT1 Pyrocatechol Violet
NT1 Quinizarin
NT1 Rhodamines
NT1 Rose Bengal
NT1 Squarylium Dyes
NT1 Triphenylmethane Dyes
NT2 Aluminon
NT2 Aurin
NT2 Methyl Violet
NT2 Methylthymol Blue
NT1 Xylenol Orange
RT Anthraquinones
RT Carminic Acid
RT Chromotropic Acid
RT Colorimetric Dosemeters
RT Diazo Compounds
RT Inks
RT Organic Solar Cells
RT Photochromic Materials
RT Stains
RT Violanthrone

DYNAMIC FUNCTION STUDIES [01]
DA December 1975
UF *Dynamic Studies (Biological)*
RT Biological Functions
RT Equilibrium
RT Flow Rate
RT Radionuclide Kinetics
RT Tracer Techniques

Dynamic Inducer Rotors
DA September 1978
USE Tipvane Rotors

DYNAMIC LOADS
DA August 1976
UF *Load (Dynamic)*
RT Mechanical Tests
RT Stresses

DYNAMIC MASS SPECTROMETERS [01]
UF *R-F Mass Spectrometers*
BT1 Mass Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments
NT1 Energy Balance Mass Spectrometers

DYNAMIC PROGRAMMING [01]
BT1 Econometrics
BT2 Economics

Dynamic Studies (Biological)
DA December 1975
USE Dynamic Function Studies

DYNAMICAL GROUPS [01]
BT1 Symmetry Groups
NT1 O Groups

DYNAMICS
DA February 1979
BT1 Mechanics
RT Beam Dynamics
DEF Study of the motion of a system of material particles under the influence of forces, especially those which originate outside the system under consideration.

Dynamics (Beam)
USE Beam Dynamics

DYNAMITE [01]
BT1 Chemical Explosives
BT2 Explosives

DYNAMITRONS [01]
BT1 Electrostatic Accelerators
BT2 Accelerators
RT Tandem Electrostatic Accelerators

DYNAMOMETERS [01]
BT1 Measuring Instruments

DYNODES [01]
RT Electron Multipliers

DYONS [01]
(Hypothetical particles endowed with both electric and magnetic charges.)
BT1 Postulated Particles
BT2 Elementary Particles

DYSON REPRESENTATION [01]
RT Quantum Field Theory

DYSPROSIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

DYSPROSIUM 147 [01]
DA July 1975
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

DYSPROSIUM 148 [01]
DA January 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 149 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 150 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 151 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 152 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 153 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 154 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 155 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 156 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 157 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 158 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 159 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 160 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 161 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 162 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 163 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 164 [01]
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

DYSPROSIUM 165 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 166 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM 167 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Dysprosium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

DYSPROSIUM ADDITIONS [01]
BT1 Dysprosium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

DYSPROSIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Dysprosium Additions
NT1 Dysprosium Base Alloys

DYSPROSIUM BASE ALLOYS [01]
BT1 Dysprosium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

DYSPROSIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds

DYSPROSIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds

DYSPROSIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds

DYSPROSIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds

DYSPROSIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

DYSPROSIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Dysprosium Borides
NT1 Dysprosium Bromides
NT1 Dysprosium Carbides
NT1 Dysprosium Chlorides
NT1 Dysprosium Fluorides
NT1 Dysprosium Hydrides
NT1 Dysprosium Hydroxides
NT1 Dysprosium Iodides
NT1 Dysprosium Nitrates
NT1 Dysprosium Nitrides
NT1 Dysprosium Oxides
NT1 Dysprosium Perchlorates
NT1 Dysprosium Phosphates
NT1 Dysprosium Phosphides
NT1 Dysprosium Selenides
NT1 Dysprosium Silicides
NT1 Dysprosium Sulfates
NT1 Dysprosium Sulfides
NT1 Dysprosium Tellurides
NT1 Dysprosium Tungstates

DYSPROSIUM FLUORIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

DYSPROSIUM HYDRIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

DYSPROSIUM HYDROXIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

DYSPROSIUM IODIDES [01]
DA January 1975
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

DYSPROSIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

DYSPROSIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Dysprosium 147
NT1 Dysprosium 148
NT1 Dysprosium 149
NT1 Dysprosium 150
NT1 Dysprosium 151
NT1 Dysprosium 152
NT1 Dysprosium 153
NT1 Dysprosium 154
NT1 Dysprosium 155
NT1 Dysprosium 156
NT1 Dysprosium 157
NT1 Dysprosium 158
NT1 Dysprosium 159
NT1 Dysprosium 160
NT1 Dysprosium 161
NT1 Dysprosium 162
NT1 Dysprosium 163
NT1 Dysprosium 164
NT1 Dysprosium 165
NT1 Dysprosium 166
NT1 Dysprosium 167

DYSPROSIUM NITRATES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

DYSPROSIUM NITRIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

DYSPROSIUM OXIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

DYSPROSIUM PERCHLORATES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

DYSPROSIUM PHOSPHATES [01]
DA October 1975
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

DYSPROSIUM PHOSPHIDES
DA April 1977
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

DYSPROSIUM SELENIDES
DA December 1977
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

DYSPROSIUM SILICIDES [01]
DA May 1975
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

DYSPROSIUM SULFATES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

DYSPROSIUM SULFIDES [01]
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

DYSPROSIUM 154 TARGET [01]
DA November 1977
BT1 Targets

DYSPROSIUM 156 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM 158 TARGET [01]
DA July 1976

BT1 Targets

DYSPROSIUM 160 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM 161 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM 162 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM 163 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM 164 TARGET [01]
DA July 1976
BT1 Targets

DYSPROSIUM TELLURIDES [01]
DA October 1977
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

DYSPROSIUM TUNGSTATES
DA June 1977
BT1 Dysprosium Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

E-BEAM TYPE REACTORS
DA September 1976
UF *Electron Beam Type Reactors*
BT1 Thermonuclear Reactors
RT Electron Beam Fusion Accelerator
RT Inertial Confinement

E CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

E CODES [01]
BT1 Computer Codes

E Layer
USE E Region

E REGION [01]
UF *E Layer*
BT1 Ionosphere
BT2 Earth Atmosphere
BT2 Planetary Ionospheres
NT1 Sporadic E

E-1422 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

E STATES [01]
BT1 Energy Levels

E0-TRANSITIONS [01]
(Electric monopole transitions.)
DA April 1978
UF *Electric Monopole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

E1-TRANSITIONS [01]
(Electric Dipole transitions.)
DA April 1978
UF *Electric Dipole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

E2-TRANSITIONS [01]
(Electric quadrupole Transitions.)
DA April 1978
UF *Electric Quadrupole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

E3-TRANSITIONS [01]
(Electric octupole transitions.)
DA April 1978
UF *Electric Octupole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

E4-TRANSITIONS [01]
(Electric hexadecapole transitions.)
DA April 1978
UF *Electric Hexadecapole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

EARLY BIRD SATELLITES [01]
BT1 Satellites

EARLY RADIATION EFFECTS [01]
UF *Immediate Radiation Effects*
UF+ *Early Radiation Injuries*
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
RT Biological Indicators
RT Delayed Radiation Effects
RT Time Dependence

Early Radiation Injuries
USE Early Radiation Effects
AND Radiation Injuries

Ears
USE Auditory Organs

EARTH ATMOSPHERE [01]
NT1 Exosphere
NT1 Ionosphere
NT2 C Region
NT2 D Region
NT2 E Region
NT3 Sporadic E
NT2 F Region
NT3 F1 Layer
NT3 F2 Layer
NT3 Spread F
NT1 Magnetosphere
NT1 Mesosphere
NT1 Stratosphere
NT1 Thermosphere
NT1 Troposphere
RT Air
RT Airglow
RT Atmospheric Explosions
RT Atmospheric Precipitations
RT Atmospheric Pressure
RT Earth Planet
RT Environment
RT Fallout
RT Geocorona
RT Global Aspects
RT Meteorology
RT Radioactive Clouds
RT Surface Air
RT Tropopause

EARTH-COVERED BUILDINGS
DA September 1977
UF *Underground Buildings*
BT1 Buildings
RT Underground Space

EARTH CRUST [01]
NT1 Continental Crust
NT1 Oceanic Crust
RT Earth Mantle
RT Earth Planet
RT Geology
RT Geothermal Energy
RT Natural Occurrence
RT Particle Resuspension
RT Plate Tectonics
RT Sea Bed
RT Sea-Floor Spreading
RT Volcanoes

EARTH MANTLE
DA February 1975
RT Earth Crust
RT Overburden
DEF The zone of the earth below the crust and above the core (to a depth of 3480 km), which is divided into the upper mantle and the lower mantle, with a transition zone between.

EARTH PENETRATORS
DA September 1976
BT1 Penetrators
RT Projectiles
RT Subterrene Penetrators

EARTH PLANET [01]
BT1 Planets
RT Continental Crust
RT Earth Atmosphere
RT Earth Crust
RT Geography
RT Geology
RT Geophysics
RT Oceanic Crust
RT Oceanography
RT Topography

EARTHMOVING EQUIPMENT
DA March 1977
UF *Excavators*
BT1 Equipment
NT1 Bucket Wheel Excavators
RT Excavation
RT Mining Equipment
RT Vehicles

EARTHQUAKE FOCI
DA April 1979
RT Earthquakes
RT Epicenters
DEF That point within the earth which is the center of an earthquake and the origin of its elastic waves.

EARTHQUAKE MAGNITUDE
DA June 1978
RT Earthquakes
DEF A measure of the strength of an earthquake or the strain energy released by it, as determined by seismographic observations.

EARTHQUAKES [01]
BT1 Seismic Events
NT1 Microearthquakes
RT Aftershocks
RT Earthquake Foci
RT Earthquake Magnitude
RT Epicenters
RT Foreshocks
RT Geodetic Surveys
RT Geologic Faults
RT Ground Motion
RT Hypocenters
RT Landslides
RT Precursor
RT Rayleigh Waves
RT Seismic Effects
RT Seismic P Waves
RT Seismic S Waves
RT Seismic Surface Waves
RT Seismic Waves
RT Seismicity
RT Seismographs
RT Seismology
RT Shock Waves
RT Tsunamis

Earthworms
DA December 1976
USE Annelids

EAST MESA GEOTHERMAL FIELD
DA March 1977
BT1 Geothermal Fields
RT Imperial Valley

East Pakistan
DA May 1976

USE Bangladesh

EAST-WEST ASYMMETRY [01]
(For cosmic radiation only.)
BT1 Asymmetry
RT Cosmic Radiation
RT Geographical Variations

Easton Power Reactor
USE Fitzpatrick Reactor

EBASCO STANDARD PLANT [01]
((Ebasco Services reference PWR nuclear power plant.))
DA August 1978
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants

EBFA
DA July 1979
USE Electron Beam Fusion Accelerator

EBIS
DA May 1976
USE Electron Beam Ion Sources

EBONITE [01]
BT1 Vulcanized Elastomers

EBOR REACTOR [01]
UF *Experimental Beryllium Oxide Reactor*
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

EBR-1 REACTOR [01]
UF *Experimental Breeder Reactor-1*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
RT Natural Uranium Reactors

EBR-2 REACTOR [01]
UF *Experimental Breeder Reactor-2*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

EBULLATED BED
DA February 1978
RT Fluidized Bed
RT Packed Bed
DEF Gas-liquid-solid fluidization.

EBWR REACTOR [01]
UF *Experimental Boiling Water Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ECAT SCANNING
(Emission computer axial tomography scanning.)
DA May 1979
BT1 CAT Scanning
BT2 Photon Transmission Scanning
BT3 Diagnostic Techniques
BT2 Tomography
BT1 Photon Emission Scanning
BT2 Diagnostic Techniques

Eccles-Jordan Circuits
USE Flip-Flop Circuits

ECCS [01]
UF *Emergency Core Cooling System*
BT1 Engineered Safety Systems
BT1 Reactor Protection Systems
NT1 Core Flooding Systems
NT1 Core Spray Systems
NT1 HPCI
NT1 LPCI
RT Accumulators
RT Depressurization Systems
RT Reactor Safety Experiments
RT Safety Injection

ECEL REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ECHINODERMS [01]
BT1 Aquatic Organisms
BT1 Invertebrates
BT2 Animals
NT1 Sea Urchins
RT Exoskeleton

ECLIPSE [01]
UF *Lunar Occultation*
UF *Occultation*
UF *Solar Occultation*
RT Astronomy

ECN [01]
(Energieonderzoek Centrum Nederland; prior to 1 August 1976 known as Reactor Centrum Nederland, and documents written before that date should be indexed to RCN.)
DA April 1977
BT1 Netherlands Organizations
BT2 National Organizations

ECO REACTOR [01]
UF *Experience Critique Orgel*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

Ecological Communities
USE Ecosystems

ECOLOGICAL CONCENTRATION [01]
DA November 1975
SF *Concentration*
NT1 Radioecological Concentration
RT Biological Accumulation
RT Carbon Cycle
RT Environmental Transport
RT Mineral Cycling
RT Sulfur Cycle

ECOLOGY [01]
NT1 Baseline Ecology
NT1 Radioecology
RT Biological Adaptation
RT Ecosystems
RT Home Range
RT Regional Analysis
RT Species Diversity
RT Symbiosis

ECONOMETRICS [01]
BT1 Economics
NT1 Dynamic Programming
NT1 Linear Programming
NT1 Nonlinear Programming
RT Economic Analysis
RT Economic Elasticity
RT Optimization

ECONOMIC ANALYSIS
DA April 1978
BT1 Economics
NT1 Input-Output Analysis
RT Econometrics
RT Economy
RT Energy Analysis
RT Operating Cost
RT Regional Analysis
RT Regression Analysis

ECONOMIC DEVELOPMENT [01]
RT Commerce
RT Commercial Sector
RT Commercialization
RT Developed Countries
RT Economic Growth
RT Economic Policy
RT Gross Domestic Product
RT Gross National Product
RT Industry
RT Nuclear Trade
RT Resource Development
RT Standard of Living

ECONOMIC ELASTICITY
DA November 1975
RT Econometrics
RT Economics
RT Prices

ECONOMIC GROWTH
DA October 1977
UF *Growth (Economic)*

RT Economic Development
RT Economic Policy
RT Economics
RT Inflation

ECONOMIC IMPACT
DA January 1977
RT Economics
RT Socio-Economic Factors

ECONOMIC POLICY [01]
RT Allocations
RT Economic Development
RT Economic Growth
RT Economics
RT Energy Policy
RT Forecasting
RT Foreign Policy
RT Nuclear Trade

ECONOMICS [01]
NT1 Econometrics
NT2 Dynamic Programming
NT2 Linear Programming
NT2 Nonlinear Programming
NT1 Economic Analysis
NT2 Input-Output Analysis
RT Availability
RT Budgets
RT By-Products
RT Capital
RT Commodities
RT Competition
RT Cost
RT Cost Benefit Analysis
RT Deregulation
RT Economic Elasticity
RT Economic Growth
RT Economic Impact
RT Economic Policy
RT Economy
RT Feasibility Studies
RT Financial Data
RT Financial Incentives
RT Financing
RT Gross National Product
RT Income
RT Income Distribution
RT Investment
RT Life-Cycle Cost
RT Low Income Groups
RT Market
RT Marketing Research
RT Payback Period
RT Profits
RT Property Values
RT Regional Analysis
RT Retailers
RT Royalties
RT Socio-Economic Factors
RT Subsidies
RT Supply and Demand
RT Taxes
RT Trade

ECONOMIZERS [01]
RT Reactor Cooling Systems
RT Steam Generators

ECONOMY [01]
RT Economic Analysis
RT Economics
RT Financing
RT Forecasting
RT Gross National Product
RT Input-Output Analysis
DEF The structure of economic life in a country or area.

ECOSYSTEMS [01]
UF *Biocenoses*
UF *Biogeocenoses*
UF *Communities (Ecological)*
UF *Ecological Communities*
NT1 Aquatic Ecosystems
NT2 Marshes
NT2 Swamps
NT1 Terrestrial Ecosystems
NT2 Rangelands
RT Agriculture
RT Biology
RT Biosphere
RT Carbon Cycle
RT Ecology
RT Environment
RT Environmental Exposure Pathway
RT Forest Litter
RT Mineral Cycling
RT Nature Reserves
RT Pesticides
RT Population Dynamics
RT Populations
RT Predator-Prey Interactions
RT Radioecological Concentration
RT Radionuclide Migration
RT Soils
RT Species Diversity
RT Sulfur Cycle

ECPA
DA November 1977
USE Energy Conservation and Production Act

ECR
USE Electron Cyclotron-Resonance

ECR HEATING [01]
UF *Electron Cyclotron-Resonance Heating*
BT1 High-Frequency Heating
BT2 Plasma Heating
BT3 Heating
RT Electron Cyclotron-Resonance

ECSC [01]
UF *European Coal and Steel Community*
BT1 European Communities
BT2 International Organizations

ECUADOR [01]
BT1 South America
BT2 Latin America
RT Andes
RT OPEC

ECZEMA [01]
BT1 Skin Diseases
BT2 Diseases
RT Allergy

EDDHA [01]
UF *N,N-Ethylenebis(2-(O-Hydroxyphenyl)Glycine)*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

EDDINGTON THEORY [01]
RT Spectra

EDDY CURRENT TESTING [01]
BT1 Electromagnetic Testing
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
RT Eddy Currents

EDDY CURRENTS [01]
(Limited to electric currents.)
BT1 Electric Currents
BT2 Currents
RT Eddy Current Testing

EDEMA [01]
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
RT Body Fluids
RT Diuretics
RT Extracellular Space
RT Retention

EDF-1 Reactor
USE Chinon-1 Reactor

EDF-2 Reactor
USE Chinon-2 Reactor

EDF-3 Reactor
USE Chinon-3 Reactor

EDF-4 Reactor
USE Saint Laurent-1 Reactor

EDF-5 Reactor
USE Bugey-1 Reactor

EDGE DISLOCATIONS [01]
BT1 Dislocations
BT2 Line Defects
BT3 Crystal Defects
BT4 Crystal Structure

EDTA [01]
UF *Ethylenediaminetetraacetic Acid*
UF *Sequestrene*
UF *Versene*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

EDUCATION [01]
UF *Training*
NT1 Curriculum Guides
NT1 Educational Tools
RT Adolescents
RT Children
RT Educational Facilities
RT Learning
RT Manuals
RT Personnel
RT Professional Personnel

EDUCATIONAL FACILITIES
DA May 1979
UF *Museums*
UF *School Facilities*
UF *School Plant*
RT Education
RT Educational Tools
RT Exhibits
RT School Buildings

EDUCATIONAL TOOLS
DA June 1977
BT1 Education
RT Curriculum Guides
RT Educational Facilities
RT Exhibits
DEF Activity or game-type material usually designed for children K-12, movies, slides, and other presentations, intended to assist in promoting learning or understanding.

Edwin I. Hatch-1 Reactor
USE Hatch-1 Reactor

Edwin I. Hatch-2 Reactor
USE Hatch-2 Reactor

EEL [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

EER REACTOR [01]
UF *European Exhibit Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors

BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

EES
DA April 1977
USE Energy Extension Service

EEV RANGE [01]
(10^{+18}eV < E < 10^{+21}eV)
DA August 1976
BT1 Energy Range

EFD WIND GENERATORS
DA November 1977
UF *Electrofluid Dynamic Wind Generator*
BT1 Direct Energy Converters
BT1 Wind Power Plants
BT2 Power Plants

EFDR-50 REACTOR [01]
(Entwickelter Fortschrittlicher Druckwasser Reaktor for ship propulsion with 50000 SHP.)
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

EFFECTIVE CHARGE [01]
RT Nuclear Screening
DEF Observed charge of nucleus or atom, less than Ze because of screening effects.

Effective Energy (Internal Irradiation)
USE Internal Irradiation
AND Spatial Dose Distributions

Effective Half-Life
USE Biological Half-Life

EFFECTIVE MASS [01]
BT1 Mass

EFFECTIVE RANGE THEORY [01]
RT Interactions
RT Nucleons
RT Scattering

EFFICIENCY [01]
UF+ *Automobile Efficiency Standards*
UF+ *Decontamination Factor*
NT1 Energy Efficiency
NT1 Mechanical Efficiency
NT1 Thermal Efficiency
RT Coefficient of Performance
RT Comparative Evaluations
RT Feasibility Studies
RT Net Energy
RT Performance
RT Productivity
RT Spectral Response
RT Uses

Effluents (Chemical)
DA December 1975
USE Chemical Effluents

Effluents (Gaseous)
DA December 1975
USE Gaseous Wastes

Effluents (Liquid)
DA December 1975
USE Liquid Wastes

Effluents (Radioactive)
DA December 1975
USE Radioactive Effluents

Effluents (Thermal)
USE Thermal Effluents

EFG METHOD
DA August 1979
RT Crystal Growth
DEF Edge-defined, film-fed growth method for crystal growth.

EFR Reactor
(Prior to April, 1977 this was a valid descriptor and was used interchangeably with JOYO REACTOR.)
DA April 1977
USE Joyo Reactor

EGCR REACTOR [01]
UF *Experimental Gas Cooled Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

EGGS [01]
UF *Yolk*
RT Birds
RT Food
RT Hatching
RT Ichthyoplankton
RT Ova

EGR Systems
DA January 1976
USE Exhaust Recirculation Systems

EGTA [01]
(Ethyleneglycol-bis(2-aminoethylether)tetraacetic acid;Ethylenebis(oxyethylenenitrilo)-tetraacetic acid.)
DA November 1977
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT1 Chelating Agents
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds

EGYPTIAN ARAB REPUBLIC [01]
UF *Arab Republic of Egypt*
UF *UAR*
UF *United Arab Republic*
BT1 Africa
NT1 Suez Canal
RT Nile River
RT Red Sea

EHD CHANNELS
DA March 1979
UF *Electrohydrodynamic Channels*
RT Diffusers
RT EHD Generators

EHD GENERATORS [01]
UF *Electrohydrodynamic Generators*
BT1 Direct Energy Converters
RT EHD Channels
RT Electrohydrodynamics

Ehf Radiation
USE Microwave Radiation

EHRLICH ASCITES TUMOR [01]
BT1 Experimental Neoplasms
BT2 Neoplasms
BT3 Diseases
RT Ascites
RT Ascites Tumor Cells

EHV AC SYSTEMS
(345-765 kV.)
DA May 1976
UF *Extrahigh Voltage Alternating Current Systems*
BT1 AC Systems
BT2 Power Systems

EHV DC SYSTEMS
(345 to 765 kV.)
DA May 1976
UF *Extrahigh Voltage Direct Current Systems*
BT1 DC Systems
BT2 Power Systems

EICOSANOIC ACID [01]
UF *Arachidic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

EIGENFREQUENCY [01]
UF *Frequency (Eigen)*
RT Eigenvalues
RT Hydrodynamic Mass Effect

EIGENFUNCTIONS [01]
BT1 Functions
RT Expectation Value
RT Quantum Mechanics
RT Sturm-Liouville Equation
RT Wave Functions

EIGENSTATES [01]
RT Energy Levels
RT Quantum Mechanics

EIGENVALUES [01]
RT Eigenfrequency
RT Expectation Value
RT Mathematical Operators
RT Multiplicity
RT Quantum Mechanics
RT Secular Equation

EIGENVECTORS [01]
RT Mathematical Operators
RT Mathematics
RT Vectors

Eightfold Way
USE Octet Model

EIKONAL APPROXIMATION [01]
RT Scattering Amplitudes
RT Straight-Line Path Approximation

Eindhoven Argonaut Reactor
USE Athene Reactor

EINSTEIN COEFFICIENTS [01]
RT Energy-Level Transitions
RT Oscillator Strengths
RT Stimulated Emission

Einstein-De Sitter Model
USE Cosmological Models

EINSTEIN EFFECT [01]
DA December 1975
UF *Einstein Shift*
RT Doppler Effect
RT General Relativity Theory
RT Gravitation
RT Gravitational Fields
RT Red Shift
RT Spectral Shift
DEF A shift towards longer wavelengths of spectral lines emitted by atoms in strong gravitational fields.

EINSTEIN FIELD EQUATIONS [01]
BT1 Field Equations
BT2 Equations
RT General Relativity Theory
RT Gravitational Fields
RT Kerr Field

Einstein Gravitation Theory
USE General Relativity Theory

EINSTEIN-MAXWELL EQUATIONS [01]
DA February 1975
BT1 Field Equations
BT2 Equations
RT Electromagnetic Fields
RT General Relativity Theory
RT Gravitational Fields
RT Gravitational Waves

EINSTEIN-SCHROEDINGER THEORY [01]
UF *Unified-Field Theory*
BT1 Field Theories

Einstein Shift
DA December 1975
USE Einstein Effect

EINSTEINIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

EINSTEINIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EINSTEINIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EINSTEINIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM 249 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM 251 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM 253 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 254 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM 255 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

EINSTEINIUM 256 [01]
DA September 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Einsteinium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

EINSTEINIUM ADDITIONS
DA January 1975
BT1 Einsteinium Alloys

EINSTEINIUM ALLOYS
DA February 1975
NT1 Einsteinium Additions

EINSTEINIUM BROMIDES [01]
DA April 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

EINSTEINIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

EINSTEINIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

EINSTEINIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

EINSTEINIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Einsteinium Bromides
NT1 Einsteinium Carbides
NT1 Einsteinium Chlorides
NT1 Einsteinium Hydroxides
NT1 Einsteinium Iodides
NT1 Einsteinium Nitrates
NT1 Einsteinium Nitrides
NT1 Einsteinium Oxides
NT1 Einsteinium Sulfides

EINSTEINIUM HYDROXIDES [01]
DA January 1975
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

EINSTEINIUM IODIDES [01]
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

EINSTEINIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

EINSTEINIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Einsteinium 243
NT1 Einsteinium 244
NT1 Einsteinium 245
NT1 Einsteinium 246
NT1 Einsteinium 247
NT1 Einsteinium 248
NT1 Einsteinium 249
NT1 Einsteinium 250
NT1 Einsteinium 251
NT1 Einsteinium 252
NT1 Einsteinium 253
NT1 Einsteinium 254
NT1 Einsteinium 255
NT1 Einsteinium 256

EINSTEINIUM NITRATES [01]
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

EINSTEINIUM NITRIDES [01]
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

EINSTEINIUM OXIDES [01]
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

EINSTEINIUM SULFIDES [01]
BT1 Einsteinium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

EINSTEINIUM 253 TARGET [01]
DA August 1977
BT1 Targets

EINSTEINIUM 254 TARGET [01]
DA July 1976
BT1 Targets

EINSTEINIUM 255 TARGET [01]
DA July 1978
BT1 Targets

Eka-Astatine
DA April 1978
USE Element 117

Eka-Bismuth
DA April 1978
USE Element 115

Eka-Gold
DA April 1978
USE Element 111

Eka-Hafnium
DA April 1978
USE Element 104

Eka-Iridium
DA April 1978
USE Element 109

Eka-Lead
DA April 1978
USE Element 114

Eka-Mercury
DA April 1978
USE Element 112

Eka-Osmium
DA April 1978
USE Element 108

Eka-Platinum
DA April 1978
USE Element 110

Eka-Polonium
DA April 1978
USE Element 116

Eka-Radon
DA April 1978
USE Element 118

Eka-Rhenium
DA April 1978
USE Element 107

Eka-Tantalum
DA April 1978
USE Element 105

Eka-Thallium
DA April 1978
USE Element 113

Eka-Tungsten
DA April 1978
USE Element 106

EKANITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

EKU
USE Erevan Synchrotron

EL-1 REACTOR [01]
UF *Zoe Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

EL-2 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

EL-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

EL-4 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 HWGCR Type Reactors

BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Pressure Tube Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

EL SALVADOR [01]
BT1 Central America
BT2 Latin America
RT Ahuachapan Geothermal Field

EL TATIO GEOTHERMAL FIELD
DA April 1975
BT1 Geothermal Fields
RT Chile

Elastic Properties
USE Elasticity

ELASTIC SCATTERING [01]
BT1 Scattering
NT1 Bhabha Scattering
NT1 Compton Effect
NT1 Coulomb Scattering
NT1 Moeller Scattering
NT1 Mott Scattering
NT1 Potential Scattering
NT1 Rutherford Scattering
NT1 Wigner Scattering
RT Blair Model
RT Coherent Scattering
RT Quasi-Elastic Scattering
RT Ramsauer Effect
RT Rosenbluth Formula
RT Skyrme Potential
RT Zero-Range Approximation

ELASTICITY [01]
UF *Elastic Properties*
BT1 Tensile Properties
BT2 Mechanical Properties
NT1 Poisson Ratio
NT1 Thermoelasticity
NT1 Young Modulus
RT Deformation
RT Hooke Law
RT Photoelasticity
RT Shape Memory Effect
RT Strains

ELASTOMERS [01]
BT1 Polymers
NT1 Neoprene
NT1 Polyisoprene
NT1 Rubbers
NT2 Buna
NT2 Latex
NT2 Natural Rubber
NT2 Silastic
NT2 Viton
RT Gutta Percha
RT Vulcanized Elastomers

ELDERLY PEOPLE
DA February 1978
UF *Aged*
BT1 Age Groups
BT1 Minority Groups
RT Adults
RT Human Populations
RT Life Cycle
RT Population Dynamics
RT Sociology

ELDOR [01]
UF *Electron-Electron Double Resonance*
BT1 Magnetic Resonance
BT2 Resonance
RT Double Resonance Methods

ELECTRETS [01]
BT1 Dielectric Materials
RT Polarization

ELECTRIC APPLIANCES
DA June 1977
BT1 Appliances
NT1 Air Conditioners
NT2 Solar Air Conditioners
NT3 Solar-Assisted Heat Pumps
NT1 Clothes Washers
NT1 Compactors
NT1 Dehumidifiers
NT1 Dishwashers
NT1 Food Disposers
NT1 Freezers
NT1 Humidifiers
NT1 Microwave Ovens
NT1 Refrigerators
NT2 Magnetic Refrigerators
NT2 Solar Refrigerators
NT2 Thermoelectric Refrigerators

ELECTRIC ARCS [01]
BT1 Electric Currents
BT2 Currents
BT1 Electric Discharges
RT Electrical Faults
RT Flashover
RT Plasma

ELECTRIC BATTERIES [01]
(Devices for production and/or storage of electrical energy from chemical reactions; excludes FUEL CELLS and RADIOISOTOPE BATTERIES.)
UF *Batteries (Electric)*
UF *Secondary Batteries*
UF *Storage Batteries*
UF *Voltaic Cells*
BT1 Electrochemical Cells
BT1 Energy Storage Systems
NT1 Lead-Acid Batteries
NT1 Metal-Gas Batteries
NT2 Cadmium-Air Batteries
NT2 Iron-Air Batteries
NT2 Lithium-Chlorine Batteries
NT2 Lithium-Water-Air Batteries
NT2 Nickel-Hydrogen Batteries
NT2 Zinc-Air Batteries
NT2 Zinc-Chlorine Batteries
NT1 Metal-Metal Batteries
NT1 Metal-Metal Oxide Batteries
NT2 Iron-Nickel Batteries
NT2 Nickel-Cadmium Batteries
NT2 Nickel-Zinc Batteries
NT2 Silver-Cadmium Batteries
NT2 Silver-Zinc Batteries
NT2 Zinc-Manganese Batteries
NT1 Metal-Nonmetal Batteries
NT2 Lithium-Copper Chloride Batteries
NT2 Lithium-Sulfur Batteries
NT2 Sodium-Sulfur Batteries
NT2 zinc-bromine batteries
NT1 Primary-Secondary Hybrid Batteries
NT1 Thermal Batteries
RT Battery Paste
RT Battery Separators
RT Cardiac Pacemakers
RT Charge State
RT Electric-Powered Vehicles
RT Electrical Equipment
RT Electrolytic Cells
RT Electromotive Force
RT Energy Storage
RT Hybrid Electric-Powered Vehicles
RT Off-Peak Energy Storage
RT Primary Batteries
RT Solid Electrolytes

ELECTRIC BORN MODEL [01]
DA May 1975
BT1 Ope Model
BT2 Obe Model
BT3 Boson-Exchange Models
BT4 Peripheral Models
BT5 Particle Models
BT6 Mathematical Models
RT Electroproduction
RT Photoproduction

ELECTRIC BRIDGES [01]
UF *Bridges (Electric)*
BT1 Electrical Equipment
BT2 Equipment
RT Electric Measuring Instruments

ELECTRIC CABLES [01]
UF *Cables (Electric)*
BT1 Cables
BT1 Conductor Devices
BT2 Electrical Equipment
BT3 Equipment
NT1 Coaxial Cables
NT1 Cryogenic Cables
NT1 Gas-Insulated Cables
NT1 Oil-Filled Cables
NT1 Superconducting Cables
RT Power Transmission Lines

ELECTRIC CHARGES [01]
UF *Electric Monopoles*
NT1 Point Charge
RT C Invariance
RT Charge Carriers
RT Charge Conservation
RT Charge Density
RT Charge Distribution
RT Charge Transport
RT Electrostatic Charge Eliminators
RT Electrostatics
RT Minus-Plus Ratio
RT Positive Excess
RT Pyroelectric Effect
RT Space Charge

ELECTRIC COILS [01]
UF *Coils (Electric)*
BT1 Electrical Equipment
BT2 Equipment
NT1 Magnet Coils
NT2 Pulsed Magnet Coils
NT1 Rogowski Coil
NT1 Solenoids
RT Electromagnets
RT Magnetic Circuits
RT Transformers

Electric Condensers
USE Capacitors

ELECTRIC CONDUCTIVITY [01]
UF *Conductivity (Electric)*
UF *Electric Resistivity*
UF *Electrical Conductivity*
UF *Electrical Resistance*
UF *Electrical Resistivity*
UF *Ohmic Resistance*
UF *Resistivity (Electric)*
UF *VA Characteristic*
UF *Volt-Ampere Characteristic*
BT1 Electrical Properties
BT2 Physical Properties
NT1 Ionic Conductivity
NT1 Magnetoresistance
NT1 Photoconductivity
NT1 Superconductivity
RT Carrier Mobility
RT Electric Conductors
RT Electric Impedance
RT Electrical Testing
RT Grueneisen Formula
RT Impedance
RT Matthiessen Rule
RT Ohm Law
RT Umklapp Processes
RT Wiedemann-Franz Law

ELECTRIC CONDUCTORS [01]
UF *Conductors (Electric)*
RT Conductor Devices
RT Electric Conductivity
RT Electron Mobility
RT Foucault Current
RT Hall Effect
RT Photoconductors
RT Semiconductor Materials
RT Skin Effect
RT Superconductors

Electric Contactors
USE Switches

ELECTRIC CONTACTS [01]
UF *Contacts (Electric)*

UF *Point Contacts*
BT1 Electrical Equipment
BT2 Equipment
RT Switches

ELECTRIC CONTROLLERS [01]
BT1 Control Equipment
BT2 Equipment
RT Surges
RT Voltage Regulators

ELECTRIC CURRENTS [01]
UF *Currents (Electric)*
BT1 Currents
NT1 Alternating Current
NT1 Critical Current
NT1 Direct Current
NT1 Eddy Currents
NT1 Electric Arcs
NT1 Electrojets
NT1 Faraday Current
NT1 Flashover
NT1 Foucault Current
NT1 Leakage Current
NT1 Ring Currents
RT Current Density
RT Current Limiters
RT Electricity
RT Electrocarbonization
RT Electrocardiograms
RT Excitation Systems
RT Kruskal Limit
RT Overcurrent
RT Skin Effect
RT Surges

ELECTRIC DIPOLE MOMENTS [01]
BT1 Dipole Moments
BT1 Electric Moments
RT Nuclear Electric Moments
RT Polarizability

Electric Dipole Transitions
DA April 1978
USE E1-Transitions

ELECTRIC DIPOLES [01]
BT1 Dipoles
BT2 Multipoles
RT Electric Fields

Electric Discharge Pumping
DA May 1977
USE Electrical Pumping

ELECTRIC DISCHARGES [01]
UF *Discharges (Electric)*
NT1 Corona Discharges
NT1 Electric Arcs
NT1 Electric Sparks
NT1 Flashover
NT1 Glow Discharges
NT1 High-Frequency Discharges
NT1 Lightning
NT2 Ball Lightning
NT1 Penning Discharges
NT1 Townsend Discharge
RT Afterglow
RT Breakdown
RT Paschen Law
RT Positive Column
RT Saha Equation
RT Spark Gaps
RT Striations
RT Switches

ELECTRIC FIELDS [01]
UF *Fields (Electric)*
NT1 Coulomb Field
RT Crossed Fields
RT Electric Dipoles
RT Electromagnetic Fields
RT Excitation Systems
RT Inhomogeneous Fields
RT Nuclear Quadrupole Resonance
RT Parametric Instabilities
RT Stark Effect

ELECTRIC FILTERS [01]
UF *Filters (Electric)*
BT1 Filters

ELECTRIC FURNACES [01]
BT1 Furnaces

ELECTRIC FUSES [01]
UF *Fuses (Electric)*
BT1 Conductor Devices
BT2 Electrical Equipment
BT3 Equipment
BT1 Equipment Protection Devices
RT Circuit Breakers
RT Switches

ELECTRIC GENERATORS [01]
(Rotating generators only; excludes DIRECT ENERGY CONVERTERS.)
UF *Generators (Electric)*
UF+ *Wind Generators*
NT1 Alternators
NT1 Flux Pumps
NT1 Rotating Generators
NT1 Superconducting Generators
NT1 Turbogenerators
NT1 Water Current Power Generators
RT Armatures
RT Excitation Systems

ELECTRIC GROUNDS
DA January 1975
UF *Grounds*
RT Electrical Faults
RT Electronic Circuits

ELECTRIC HEATING
DA April 1977
BT1 Heating
NT1 Baseboard Heating
NT1 Radiant Cable Heating
NT1 Resistance Heating
RT Heat Pumps
RT Space Heating

Electric Hexadecapole Transitions
DA April 1978
USE E4-Transitions

ELECTRIC IMPEDANCE [01]
DA December 1975
BT1 Impedance
RT Electric Conductivity

ELECTRIC LOGGING
DA January 1977
BT1 Well Logging
NT1 Induced polarization logging
NT1 Induction Logging
NT1 Resistivity Logging
NT1 SP Logging
RT Electrical Surveys

ELECTRIC MEASURING INSTRUMENTS [01]
BT1 Electrical Equipment
BT2 Equipment
BT1 Measuring Instruments
NT1 Ammeters
NT1 Electrometers
NT1 Electroscopes
NT1 Galvanometers
NT1 Potentiometers
NT1 Power Meters
NT1 Voltmeters
RT Electric Bridges
RT Electronic Equipment
RT Faraday Cups

ELECTRIC MOMENTS [01]
NT1 Electric Dipole Moments
NT1 Nuclear Electric Moments
RT Gyroelectric Ratio
RT Quadrupole Moments

Electric Monopole Transitions
DA April 1978
USE E0-Transitions

Electric Monopoles
USE Electric Charges

ELECTRIC MOTORS [01]
DA February 1975
BT1 Motors
NT1 Superconducting Motors
RT Armatures

Electric Octupole Transitions
DA April 1978
USE E3-Transitions

ELECTRIC POTENTIAL [01]
UF *Potential (Electric)*
UF *Voltage*
RT Breakdown
RT Electromotive Force
RT Ionization Potential
RT Overvoltage
RT Paschen Law
RT Pyroelectric Effect
RT Surges
RT Voltage Drop

ELECTRIC POWER [01]
BT1 Power
NT1 Bonneville Power Administration
NT1 Hydroelectric Power
NT1 Off-peak Power
RT Blackouts
RT Brownouts
RT Combined Cycles
RT Electric Power Industry
RT Electric Utilities
RT Electricity
RT EPRI
RT Line Losses
RT Load Management
RT Marginal-Cost Pricing
RT Nuclear Power
RT Peak-Load Pricing
RT Power Demand
RT Power Generation
RT Power Losses
RT Power Meters
RT Power Plants
RT Power Potential
RT Power Supplies
RT Power Transmission
RT Public Utilities
RT Spacecraft Power Supplies

ELECTRIC POWER INDUSTRY
DA February 1978
BT1 Industry
RT Electric Power
RT Nuclear Power
RT Power Systems

Electric Power Research Institute
DA January 1977
USE EPRI

Electric Power Substations
DA July 1976
USE Power Substations

Electric Power Systems
DA February 1976
USE Power Systems

ELECTRIC-POWERED VEHICLES
DA January 1975
BT1 Vehicles
NT1 Hybrid Electric-Powered Vehicles
RT AAPS
RT Electric Batteries
RT Electric Railways
RT Fuel Cells
RT Regenerative Braking

ELECTRIC PROBES [01]
BT1 Probes
NT1 Langmuir Probe
NT1 Plasma Eaters

Electric Pulses
USE Pulses

Electric Quadrupole Transitions
DA April 1978
USE E2-Transitions

ELECTRIC RAILWAYS
DA January 1977

BT1 Railways
RT Electric-Powered Vehicles
RT Rapid Transit Systems
RT Trains

Electric Resistivity
USE Electric Conductivity

ELECTRIC RESONANCE [01]
BT1 Resonance
NT1 Paraelectric Resonance

ELECTRIC SHOCK
DA July 1979
UF *Shock (Electric)*
RT Biological Shock

ELECTRIC SPARKS [01]
UF *Sparks (Electric)*
BT1 Electric Discharges
RT Breakdown
RT Electrostatics
RT Flashover
RT Spark Drills
RT Spark Gaps

Electric Switches
USE Switches

ELECTRIC UTILITIES [01]
DA February 1978
SF *Utilities*
BT1 Public Utilities
RT Electric Power
RT Fossil-Fuel Power Plants
RT Interconnected Power Systems
RT Power Systems
RT Rate Structure

Electrical Breakdown
DA January 1977
USE Electrical Faults

Electrical Conductivity
USE Electric Conductivity

ELECTRICAL ENGINEERING
DA June 1978
BT1 Engineering

ELECTRICAL EQUIPMENT [01]
BT1 Equipment
NT1 Antennas
NT2 Radio Telescopes
NT2 Rectennas
NT1 Capacitors
NT1 Circuit Breakers
NT1 Conductor Devices
NT2 Connectors
NT2 Electric Cables
NT3 Coaxial Cables
NT3 Cryogenic Cables
NT3 Gas-Insulated Cables
NT3 Oil-Filled Cables
NT3 Superconducting Cables
NT2 Electric Fuses
NT1 Current Limiters
NT1 DC to DC Converters
NT1 Electric Bridges
NT1 Electric Coils
NT2 Magnet Coils
NT3 Pulsed Magnet Coils
NT2 Rogowski Coil
NT2 Solenoids
NT1 Electric Contacts
NT1 Electric Measuring Instruments
NT2 Ammeters
NT2 Electrometers
NT2 Electroscopes
NT2 Galvanometers
NT2 Potentiometers
NT2 Power Meters
NT2 Voltmeters
NT1 Electrical Insulators
NT1 Electromagnets
NT2 Septum Magnets
NT2 Superconducting Magnets
NT1 Inverters
NT1 Lighting Systems
NT1 Lightning Arresters
NT1 Potheads
NT1 Rectifiers
NT2 Rectifier Tubes
NT3 Capacitrons
NT3 Ignitrons
NT2 Semiconductor Rectifiers
NT1 Relays
NT1 Resistors
NT2 Photoresistors
NT2 Rheostats
NT2 Semiconductor Resistors
NT1 Rotating Generators
NT1 Shunt Reactors
NT1 Switches
NT2 Semiconductor Switches
NT1 Transformers
RT Electric Batteries
RT Electron Tubes
RT Electronic Circuits
RT Electronic Equipment
RT Excitation Systems
RT Miniaturization
RT Potting
RT Potting Materials
RT Power Supplies
RT Radar
RT Reactor Components
RT Semiconductor Devices
RT Sonar
RT Transducers
RT Waveguides

ELECTRICAL FAULTS
DA January 1977
UF *Electrical Breakdown*
UF *Short Circuits*
RT Electric Arcs
RT Electric Grounds
RT Flashover

ELECTRICAL INSULATION
DA January 1975
UF *Insulation (Electrical)*
RT Dielectric Materials
RT Electrical Insulators

ELECTRICAL INSULATORS [01]
DA February 1976
UF *Insulators (Electrical)*
BT1 Electrical Equipment
BT2 Equipment
RT Dielectric Materials
RT Electrical Insulation

ELECTRICAL PROPERTIES [01]
BT1 Physical Properties
NT1 Dielectric Properties
NT2 Kerr Effect
NT1 Electric Conductivity
NT2 Ionic Conductivity
NT2 Magnetoresistance
NT2 Photoconductivity
NT2 Superconductivity
NT1 Polarizability
NT1 Thermoelectric Properties
RT Electricity
RT Electro-Optical Effects
RT Magnetic Properties

ELECTRICAL PUMPING
DA May 1977
UF *Electric Discharge Pumping*
RT Lasers
DEF Pumping achieved by allowing a suitable electric current to pass through the lasing medium.

Electrical Resistance
USE Electric Conductivity

Electrical Resistivity
USE Electric Conductivity

ELECTRICAL SURVEYS [01]
DA January 1975
BT1 Geophysical Surveys
NT1 Electromagnetic Surveys
NT2 Magnetotelluric Surveys
NT1 Self-Potential Surveys
NT1 Telluric Surveys
RT Electric Logging
RT Exploration
RT Geothermal Exploration
RT Induced polarization logging
RT Resistivity Logging
DEF Surveys or mapping of a portion of the earth'$\mu\ ^{+}\Omega\pi_{7}\omega^{+}\Lambda\omega_{4}$ $\Sigma\mu_{7}\ \Lambda_{8}\ \Lambda\Omega_{7}\ \Lambda_{8}\ \pi=_{7}\ _{7}\gamma_{75}\pi\omega^{+}{}_{53}\gamma$ $\Delta_{7}\pi=\Lambda_{6}\mu\rightleftharpoons$

ELECTRICAL TESTING [01]
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing
RT Electric Conductivity

ELECTRICAL TRANSIENTS
DA July 1979
BT1 Voltage Drop
RT Overvoltage
RT Power Systems
RT Surges
DEF Temporary oscillations that occurs in circuits because of sudden changes of voltage, load or frequency.

ELECTRICITY [01]
(Only for the physical phenomenon sense; for utility purposes, use ELECTRIC POWER.)
NT1 Piezoelectricity
NT1 Thermoelectricity
RT Electric Currents
RT Electric Power
RT Electrical Properties
RT Off-peak Power

Electricity Supply Company Reactor
USE ESCOM Reactor

ELECTRO-OPTICAL EFFECTS [01]
DA August 1976
RT Electrical Properties
RT Magneto-Optical Effects
RT Optical Properties

ELECTROBRAS REACTOR [01]
BT1 Power Reactors
BT2 Reactors

ELECTROCARBONIZATION
DA January 1975
BT1 Carbonization
BT2 Decomposition
BT3 Chemical Reactions
RT Electric Currents

ELECTROCARDIOGRAMS [01]
BT1 Diagrams
RT Diagnostic Techniques
RT Electric Currents
RT Heart
RT Pulses
RT Recording Systems

ELECTROCATALYSTS
DA October 1978
UF *Fuel Cell Catalysts*
BT1 Catalysts
RT Catalysis
RT Catalytic Effects

ELECTROCHEMICAL CELLS
DA January 1975
NT1 Electric Batteries
NT2 Lead-Acid Batteries
NT2 Metal-Gas Batteries
NT3 Cadmium-Air Batteries
NT3 Iron-Air Batteries
NT3 Lithium-Chlorine Batteries
NT3 Lithium-Water-Air Batteries
NT3 Nickel-Hydrogen Batteries
NT3 Zinc-Air Batteries
NT3 Zinc-Chlorine Batteries
NT2 Metal-Metal Batteries
NT2 Metal-Metal Oxide Batteries
NT3 Iron-Nickel Batteries
NT3 Nickel-Cadmium Batteries
NT3 Nickel-Zinc Batteries

NT3 Silver-Cadmium Batteries
NT3 Silver-Zinc Batteries
NT3 Zinc-Manganese Batteries
NT2 Metal-Nonmetal Batteries
NT3 Lithium-Copper Chloride Batteries
NT3 Lithium-Sulfur Batteries
NT3 Sodium-Sulfur Batteries
NT3 zinc-bromine batteries
NT2 Primary-Secondary Hybrid Batteries
NT2 Thermal Batteries
NT1 Electrochemical Engines
NT1 Fuel Cells
NT2 Acid Electrolyte Fuel Cells
NT2 Alcohol Fuel Cells
NT2 Ammonia Fuel Cells
NT2 Biochemical Fuel Cells
NT2 Coal Fuel Cells
NT2 Formaldehyde Fuel Cells
NT2 Formate Fuel Cells
NT2 Formic Acid Fuel Cells
NT2 High-Temperature Fuel Cells
NT2 Hydrazine Fuel Cells
NT2 Hydrocarbon Fuel Cells
NT2 Hydrogen Fuel Cells
NT2 Natural Gas Fuel Cells
NT2 Regenerative Fuel Cells
NT3 Redox Fuel Cells
NT1 Photoelectrochemical Cells
NT2 Photoelectrolytic Cells
NT2 Photogalvanic Cells
RT Primary Batteries

ELECTROCHEMICAL COATING [01]
BT1 Chemical Coating
BT2 Surface Coating
BT3 Deposition
NT1 Anodization

ELECTROCHEMICAL CORROSION [01]
UF *Bimetallic Corrosion*
UF *Couple Corrosion*
UF *Electrolytic Corrosion*
UF *Galvanic Corrosion*
BT1 Corrosion
BT2 Chemical Reactions
RT Cathodic Protection
RT Electrochemistry
RT Electrolysis

ELECTROCHEMICAL ENGINES
DA August 1978
BT1 Electrochemical Cells

ELECTROCHEMICAL MACHINING [01]
BT1 Chemical Machining
BT2 Machining

ELECTROCHEMISTRY [01]
BT1 Chemistry
RT Electrochemical Corrosion
RT Electrometallurgy
RT Fuel Cells
RT Photoelectrochemical Cells

ELECTRODEPOSITED COATINGS [01]
BT1 Coatings
RT Electroplating

ELECTRODEPOSITION [01]
BT1 Electrolysis
BT2 Lysis
BT1 Surface Coating
BT2 Deposition
NT1 Electroplating
RT Electrometallurgy

ELECTRODES [01]
NT1 Anodes
NT2 Photoanodes
NT1 Cathodes
NT2 Hollow Cathodes
NT2 Photocathodes
NT1 Dees
NT1 Grids
RT Battery Paste
RT Electron Tubes
RT Ion Selective Electrode Analysis

ELECTRODIALYSIS
DA June 1977
BT1 Dialysis
BT2 Separation Processes

ELECTRODYNAMICS [01]
UF *Electrokinetics*
NT1 Quantum Electrodynamics
NT2 Schwinger-Tomonaga Formalism
RT Born-Infeld Theory
RT Charge Renormalization
RT Electromagnetic Fields
RT Electromagnetic Interactions
RT Electromagnetism
RT Field Theories
RT Maxwell Equations

ELECTROENCEPHALOGRAPHY
DA July 1979
BT1 Diagnostic Techniques
RT Brain

ELECTROFISSION [01]
(Fission of heavy nuclei by MeV range electrons.)
DA June 1977
BT1 Electron Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
BT2 Lepton Reactions
BT3 Nuclear Reactions
BT1 Fission
BT2 Nuclear Reactions

Electrofluid Dynamic Wind Generator
DA November 1977
USE EFD Wind Generators

ELECTROGASDYNAMICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
RT Gas Flow

Electrohydrodynamic Channels
DA March 1979
USE EHD Channels

Electrohydrodynamic Generators
USE EHD Generators

ELECTROHYDRODYNAMICS [01]
BT1 Hydrodynamics
BT2 Fluid Mechanics
BT3 Mechanics
RT Direct Energy Conversion
RT EHD Generators

ELECTROJETS [01]
UF *Auroral Electrojets*
UF *Equatorial Electrojets*
BT1 Electric Currents
BT2 Currents
RT Ring Currents

Electrokinetics
USE Electrodynamics

ELECTROLINKING
DA June 1976
BT1 Borehole Linking
BT1 Fracturing
BT2 Comminution
RT Boreholes
RT In-Situ Gasification
DEF In underground gasification, the linking of holes drilled into a fossil fuel seam with the aid of electric current.

ELECTROLUMINESCENCE [01]
BT1 Luminescence

ELECTROLYSIS [01]
BT1 Lysis
NT1 Anodization
NT1 Electrodeposition
NT2 Electroplating
NT1 Electropolishing
NT1 Electrorefining
NT1 Photoelectrolysis
RT Anions
RT Cations
RT Dissociation
RT Electrochemical Corrosion
RT Electrolytic Cells
RT Electrometallurgy
RT Faraday Laws
RT Polarography
RT Voltametry

ELECTROLYTES [01]
NT1 Solid Electrolytes
RT Dissociation
RT Donnan Theory

ELECTROLYTIC CELLS [01]
UF *Cells (Electrolytic)*
NT1 Photoelectrolytic Cells
RT Electric Batteries
RT Electrolysis
RT Sulfur Meters
RT Thermal Batteries
RT Voltametry

Electrolytic Corrosion
USE Electrochemical Corrosion

ELECTROMAGNETIC FIELDS [01]
RT Einstein-Maxwell Equations
RT Electric Fields
RT Electrodynamics
RT Inhomogeneous Fields
RT Magnetic Fields
RT Maxwell Equations
RT Weyl Unified Theory

ELECTROMAGNETIC FORM FACTORS [01]
BT1 Form Factors
BT2 Particle Properties
RT Four Momentum Transfer

ELECTROMAGNETIC INTERACTIONS [01]
BT1 Basic Interactions
BT2 Interactions
NT1 Annihilation
NT1 Compton Effect
NT1 Coulomb Scattering
NT1 Electroproduction
NT1 Photon-Hadron Interactions
NT2 Photon-Baryon Interactions
NT3 Photon-Hyperon Interactions
NT3 Photon-Nucleon Interactions
NT4 Photon-Neutron Interactions
NT4 Photon-Proton Interactions
NT2 Photon-Deuteron Interactions
NT2 Photon-Meson Interactions
NT1 Photon-Photon Interactions
NT1 Photoproduction
NT2 Primakoff Effect
NT1 Umklapp Processes
RT Coulomb Correction
RT Electrodynamics
RT Electromagnetic Particle Decay
RT Hadron-Hadron Interactions
RT Lepton-Hadron Interactions
RT Lepton-Lepton Interactions
RT Neutral Currents
RT Photon-Lepton Interactions
RT Radiative Corrections
RT Weinberg Lepton Model

ELECTROMAGNETIC ISOTOPE SEPARATION [01]
BT1 Isotope Separation
BT2 Separation Processes
RT Electromagnetic Isotope Separators

ELECTROMAGNETIC ISOTOPE SEPARATORS
DA January 1975
RT Electromagnetic Isotope Separation

ELECTROMAGNETIC LENSES [01]
BT1 Lenses
RT End Effects

RT Magnetic Analyzers
RT Magnets

ELECTROMAGNETIC PARTICLE DECAY [01]
DA April 1978
BT1 Particle Decay
BT2 Decay
NT1 Radiative Decay
RT Electromagnetic Interactions

ELECTROMAGNETIC PULSES [01]
UF *EMP*
BT1 Electromagnetic Radiation
BT2 Radiations
NT1 Internal Electromagnetic Pulses
RT Nuclear Explosions

ELECTROMAGNETIC PUMPS [01]
BT1 Pumps

ELECTROMAGNETIC RADIATION [01]
UF *Electromagnetic Waves*
BT1 Radiations
NT1 Auroral Hiss
NT1 Blackbody Radiation
NT1 Bremsstrahlung
NT2 Cyclotron Radiation
NT2 Internal Bremsstrahlung
NT2 Ondulator Radiation
NT2 Synchrotron Radiation
NT1 Cherenkov Radiation
NT1 Coherent Radiation
NT1 Electromagnetic Pulses
NT2 Internal Electromagnetic Pulses
NT1 Gamma Radiation
NT2 Delayed Gamma Radiation
NT2 Prompt Gamma Radiation
NT1 Helicon Waves
NT1 Infrared Radiation
NT2 Far Infrared Radiation
NT2 Intermediate Infrared Radiation
NT2 Near Infrared Radiation
NT1 Laser Radiation
NT1 Microwave Radiation
NT1 Monochromatic Radiation
NT1 Multipole Radiation
NT1 Radiowave Radiation
NT2 Long Wave Radiation
NT2 Luxemburg Effect
NT2 Medium Wave Radiation
NT2 Radio Noise
NT3 Atmospherics
NT3 Whistlers
NT2 Radioecho
NT2 Short Wave Radiation
NT2 Solar Radio Bursts
NT2 Solar Radiowave Radiation
NT1 Thermal Radiation
NT1 Transition Radiation
NT1 Ultralow Frequency Radiation
NT1 Ultraviolet Radiation
NT2 Extreme Ultraviolet Radiation
NT2 Far Ultraviolet Radiation
NT2 Near Ultraviolet Radiation
NT1 Visible Radiation
NT1 X Radiation
NT2 Hard X Radiation
NT2 Soft X Radiation
NT1 Zodiacal Light
RT Faraday Effect
RT Photons
RT Radiation Pressure
RT Signal Distortion
RT Standing Waves
RT Travelling Waves
RT Wave Forms

ELECTROMAGNETIC SURVEYS
DA January 1975
BT1 Electrical Surveys
BT2 Geophysical Surveys
NT1 Magnetotelluric Surveys
RT Geothermal Exploration
DEF A subgroup of methods of electrical exploration based on the measurement of alternating magnetic fields associated with currents artifically or naturally maintained in the subsurface.

ELECTROMAGNETIC TESTING [01]
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing
NT1 Eddy Current Testing

Electromagnetic Transitions
USE Energy-Level Transitions

Electromagnetic Waves
USE Electromagnetic Radiation

ELECTROMAGNETISM [01]
BT1 Magnetism
RT Continuity Equations
RT Electrodynamics

Electromagnetostriction
USE Magnetostriction

ELECTROMAGNETS [01]
BT1 Electrical Equipment
BT2 Equipment
BT1 Magnets
NT1 Septum Magnets
NT1 Superconducting Magnets
RT Electric Coils
RT Magnetic Properties

ELECTROMECHANICS [01]
BT1 Mechanics

ELECTROMETALLURGY [01]
UF *Electrowinning*
BT1 Metallurgy
RT Electrochemistry
RT Electrodeposition
RT Electrolysis
RT Electrorefining
RT Extractive Metallurgy

ELECTROMETERS [01]
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments
RT Condenser Ionization Chambers

Electromigration
USE Electrophoresis

ELECTROMOTIVE FORCE [01]
DA April 1975
UF *EMF*
RT Electric Batteries
RT Electric Potential
DEF A force capable of maintaining a potential difference, and thus a current, within a circuit. It can be established by chemical action or by mechanical work.

Electron Acceptor
USE Binding Energy
AND Electrons
AND Valence

Electron Affinity
DA April 1979
USE Affinity

ELECTRON ANTINEUTRINOS [01]
BT1 Antineutrinos
BT2 Antileptons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT2 Neutrinos
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT3 Massless Particles
BT4 Elementary Particles
BT1 Electron Neutrinos
BT2 Neutrinos
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT3 Massless Particles
BT4 Elementary Particles

ELECTRON-ATOM COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
BT1 Electron Collisions
BT2 Collisions

ELECTRON ATTACHMENT [01]
(A(neutral) + e yields A(1 minus).)
RT Electron Capture
RT Ionization

ELECTRON BEAM FURNACES [01]
BT1 Furnaces
RT Vacuum Furnaces

ELECTRON BEAM FUSION ACCELERATOR
DA July 1979
UF *EBFA*
RT E-Beam Type Reactors
RT Inertial Confinement
DEF Electron beam accelerator at Sandia to be used for inertial confinement fusion.

ELECTRON BEAM INJECTION [01]
BT1 Beam Injection

ELECTRON BEAM ION SOURCES [01]
DA May 1976
UF *EBIS*
BT1 Ion Sources
RT Electron Beams
DEF Ion source creating high charge states by sequential electron impact ionization

ELECTRON BEAM MACHINING [01]
BT1 Machining

ELECTRON BEAM MELTING [01]
BT1 Melting
BT2 Phase Transformations

Electron-beam-pumped lasers
DA August 1979
USE Free Electron Lasers

ELECTRON BEAM TARGETS
DA September 1978
BT1 Targets
RT Inertial Confinement
RT Thermonuclear Fuels

Electron Beam Type Reactors
DA September 1976
USE E-Beam Type Reactors

ELECTRON BEAM WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Vacuum Welding

ELECTRON BEAMS [01]
UF *Beta Beams (Electrons)*
BT1 Lepton Beams
BT2 Particle Beams
BT3 Beams
RT Electron Beam Ion Sources
RT Electrons

ELECTRON CAPTURE [01]
(By projectiles in collisions; not for ELECTRON CAPTURE DECAY.)
BT1 Capture
RT Charge Exchange
RT Electron Attachment
RT Recombination

ELECTRON CAPTURE DECAY [01]
BT1 Beta Decay
BT2 Decay
NT1 K Capture
NT1 L Capture
NT1 M Capture
RT Beta-Plus Decay
RT Capture
RT Electron Capture Radioisotopes

ELECTRON-CAPTURE DETECTORS [01]
DA January 1975
BT1 Radiometric Gages
BT2 Measuring Instruments
RT Gas Analysis
RT Ionization Chambers
DEF Ionization chambers with internal beta sources for gas analysis based on electron capture.

***ELECTRON CAPTURE RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Electron Capture Decay

ELECTRON CHANNELING [01]
BT1 Channeling
RT Crystal Lattices

ELECTRON COLLISIONS [01]
BT1 Collisions
NT1 Electron-Atom Collisions
NT1 Electron-Electron Collisions
NT1 Electron-Ion Collisions
NT1 Electron-Molecule Collisions
NT1 Electron-Positron Collisions

Electron Configuration (Atoms)
USE Electronic Structure

ELECTRON COOLING [01]
DA January 1975
UF *Beam Cooling*
RT Beam Dynamics
DEF Reduction of transverse and longitudinal oscillations of particle beams by means of coulomb collisions with a beam of electrons.

ELECTRON CORRELATION [01]
(In atomic models.)
UF *Correlation Energy*
BT1 Correlations
RT Atomic Models

Electron Cyclotron Masers
DA April 1978
USE Microwave Amplifiers

ELECTRON CYCLOTRON-RESONANCE [01]
UF *ECR*
BT1 Cyclotron Resonance
BT2 Resonance
RT ECR Heating

Electron Cyclotron-Resonance Heating
USE ECR Heating

ELECTRON DENSITY [01]
UF *Density (Electron)*
RT Current Density
RT Electrons
RT Plasma Eaters

ELECTRON DETACHMENT [01]
(A(1 minus) yields A(neutral) + e.)
RT Electron Loss
RT Ionization

ELECTRON DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Beta Detection
RT Beta Spectrometers
RT Electron Dosimetry
RT Electron Spectrometers
RT Positron Detection

ELECTRON-DEUTERON INTERACTIONS
DA February 1975
BT1 Lepton-Baryon Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
RT Deuterons
RT Electrons

ELECTRON DIFFRACTION [01]
UF *Diffraction (Electron)*
UF *Leed*
UF *Low Energy Electron Diffraction*
BT1 Diffraction
BT2 Coherent Scattering
BT3 Scattering
RT Crystallography
RT Kikuchi Lines

Electron Donor
USE Binding Energy
AND Electrons
AND Valence

ELECTRON DOSIMETRY [01]
BT1 Dosimetry
RT Electron Detection

ELECTRON DRIFT [01]
UF *Drift (Electron)*
RT Ambipolar Diffusion
RT Electrons

ELECTRON-ELECTRON COLLISIONS [01]
BT1 Electron Collisions
BT2 Collisions

ELECTRON-ELECTRON COUPLING
DA June 1975
RT Coupling
RT Superconductivity

Electron-Electron Double Resonance
USE ELDOR

ELECTRON-ELECTRON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

ELECTRON EMISSION [01]
UF *Emission (Electron)*
BT1 Emission
NT1 Photoelectric Emission
RT Auger Effect
RT Electron Sources
RT Field Emission
RT Internal Electromagnetic Pulses
RT Thermionic Emission
RT Work Functions

ELECTRON EXCHANGE [01]
UF *Exchange (Electron)*
BT1 Electron Transfer
RT Atom-Atom Collisions
RT Atom-Molecule Collisions

ELECTRON GAS [01]
RT Fermi Gas
RT Pines-Bohm Theory
RT Solid-State Plasma

ELECTRON GUNS [01]
NT1 Pierce Electron Guns
RT Electron Tubes

ELECTRON-HOLE DROPLETS
DA February 1979
BT1 Solid-State Plasma
BT2 Plasma
RT Charge Carriers
RT Holes

Electron Holes
DA September 1975
USE Holes

ELECTRON-ION COLLISIONS [01]
BT1 Electron Collisions
BT2 Collisions
BT1 Ion Collisions
BT2 Collisions

ELECTRON-ION COUPLING
DA June 1975
RT Interactions
RT Superconductivity

ELECTRON LOSS [01]
RT Beam Strippers
RT Charge Exchange
RT Electron Detachment
RT Ionization

ELECTRON-MESON INTERACTIONS [01]
BT1 Lepton-Meson Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Electron-Pion Interactions

ELECTRON MICROPROBE ANALYSIS [01]
BT1 Chemical Analysis
BT1 Microanalysis
RT Ceramography
RT Electron Probes

ELECTRON MICROSCOPES [01]
BT1 Microscopes
RT Replicas

ELECTRON MICROSCOPY [01]
BT1 Microscopy
NT1 Transmission Electron Microscopy
RT Cytological Techniques
RT Dielectric Track Detectors
RT Electron Scanning
RT Labelled Compounds
RT Replicas
RT Resolution
RT Sample Preparation
RT Ultrastructural Changes

ELECTRON MOBILITY [01]
BT1 Particle Mobility
BT2 Mobility
RT Electric Conductors
RT Semiconductor Materials

ELECTRON-MOLECULE COLLISIONS [01]
BT1 Electron Collisions
BT2 Collisions
BT1 Molecule Collisions
BT2 Collisions

ELECTRON MULTIPLIER DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Electron Multipliers

ELECTRON MULTIPLIERS [01]
UF *Multiplier Tubes*
BT1 Electron Tubes
NT1 Microchannel Electron Multipliers
RT Dynodes
RT Electron Multiplier Detectors
RT Photomultipliers

ELECTRON-MUON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

ELECTRON-MUON UNIVERSALITY [01]
DA January 1975
RT Electrons
RT Muons
DEF Indistinguishability of the electron and muon in all properties except mass.

ELECTRON NEUTRINOS [01]
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles
NT1 Electron Antineutrinos

ELECTRON-NEUTRON INTERACTIONS [01]
BT1 Electron-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

Electron Nuclear Double Resonance
USE ENDOR

ELECTRON-NUCLEON INTERACTIONS [01]
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Electron-Neutron Interactions
NT1 Electron-Proton Interactions

ELECTRON PAIRS [01]
RT Electrons
RT Pair Production
RT Positrons

Electron Paramagnetic Resonance
USE Electron Spin Resonance

ELECTRON-PHONON COUPLING
DA June 1975
RT Superconductivity

ELECTRON-PION INTERACTIONS
DA April 1979
BT1 Electron-Meson Interactions
BT2 Lepton-Meson Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

ELECTRON PLASMA WAVES [01]
BT1 Plasma Waves

ELECTRON-POSITRON COLLISIONS [01]
BT1 Electron Collisions
BT2 Collisions
BT1 Positron Collisions
BT2 Collisions

ELECTRON-POSITRON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

ELECTRON PRECIPITATION [01]
BT1 Charged-Particle Precipitation
RT Aurorae
RT Auroral Oval
RT Midday Aurorae
RT Polar Cusp
RT Radiation Belts
RT Trapped Electrons

ELECTRON PROBES [01]
BT1 Probes
RT Electron Microprobe Analysis
RT X-Ray Emission Analysis

ELECTRON-PROMOTION MODEL [01]
UF *Fano-Lichten Model*
BT1 Mathematical Models
RT Diabatic Approximation
RT Ion-Atom Collisions

ELECTRON-PROTON INTERACTIONS [01]
BT1 Electron-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

ELECTRON REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions
BT1 Lepton Reactions
BT2 Nuclear Reactions
NT1 Electrofission

ELECTRON-RING ACCELERATORS [01]
UF *Adgezator*
UF *Ion-Drag Accelerators*
UF *Ringotron*
UF *Smokatron*
BT1 Collective Accelerators
BT2 Accelerators
RT Electron Rings

ELECTRON RINGS [01]
DA March 1978
RT Confinement
RT Electron-Ring Accelerators

ELECTRON SCANNING [01]
UF *Scanning (Electron)*
RT Cathode Ray Tubes
RT Electron Microscopy

ELECTRON SOURCES [01]
BT1 Particle Sources
BT2 Radiation Sources
NT1 Pierce Electron Guns
RT Electron Emission
RT Thermionic Emitters

ELECTRON SPECTRA [01]
DA January 1976
BT1 Spectra

ELECTRON SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Electron Detection

ELECTRON SPECTROSCOPY [01]
UF *ESCA*
BT1 Spectroscopy
NT1 Auger Electron Spectroscopy
NT1 Photoelectron Spectroscopy
RT Electrons

ELECTRON SPIN RESONANCE [01]
UF *Electron Paramagnetic Resonance*
UF *EPR*
UF *ESR*
UF *Paramagnetic Resonance (Electron)*
BT1 Magnetic Resonance
BT2 Resonance
NT1 Acoustic ESR
RT Double Resonance Methods
RT Overhauser Effect
RT Structural Chemical Analysis

ELECTRON TEMPERATURE [01]
UF *Temperature (Electron)*
RT Electrons
RT Energy

ELECTRON TRANSFER [01]
(Not for CHARGE EXCHANGE.)
UF *Transfer (Electron)*
NT1 Electron Exchange

ELECTRON TUBES [01]
UF+ *Storage Tubes*
NT1 Cathode Ray Tubes
NT1 Cold Cathode Tubes
NT1 Counting Tubes
NT1 Diode Tubes
NT2 Thermionic Diodes
NT1 Electron Multipliers
NT2 Microchannel Electron Multipliers
NT1 Gas Discharge Tubes
NT2 Flash Tubes
NT2 Geissler Tubes
NT2 Ignitrons
NT2 Thyratrons
NT1 Gyrocons
NT1 Microwave Tubes
NT2 Backward Wave Tubes
NT2 Klystrons
NT2 Magnetrons
NT2 Travelling Wave Tubes
NT1 Plasmatrons
NT2 Duoplasmatrons
NT2 Triplasmatrons
NT1 Rectifier Tubes
NT2 Capacitrons
NT2 Ignitrons
NT1 Thermionic Tubes
NT2 Thermionic Diodes
NT1 Triode Tubes
NT1 X-Ray Tubes
RT Cathodes
RT Electrical Equipment
RT Electrodes
RT Electron Guns
RT Electronic Equipment
RT Gettering
RT Getters
RT Image Tubes
RT Phototubes
RT Space Charge
RT Thermionic Emission
RT Work Functions

ELECTRONEGATIVITY [01]
RT Affinity
RT Ionization Potential

ELECTRONIC CIRCUITS [01]
UF *Circuits (Electronic)*
NT1 Campbelling Circuits
NT1 Cathode Followers
NT1 Coincidence Circuits
NT1 Comparator Circuits
NT1 Counting Circuits
NT1 Delay Circuits
NT1 Digital Circuits
NT1 Discriminators
NT2 Pulse Discriminators
NT1 Equivalent Circuits
NT1 Gating Circuits
NT1 Limiter Circuits
NT1 Logic Circuits
NT1 Microelectronic Circuits
NT2 Integrated Circuits
NT1 Power Conditioning Circuits
NT1 Printed Circuits
NT1 Pulse Circuits
NT2 Multivibrators
NT3 Flip-Flop Circuits
NT2 Pulse Discriminators
NT2 Pulse Shapers
NT2 Trigger Circuits
NT3 Transistor Trigger Circuits
NT1 Sequential Circuits
NT1 Sweep Circuits
NT1 Switching Circuits
NT2 Transistor Switching Circuits
NT1 Tank Circuits
NT1 Timing Circuits
RT Amplifiers
RT Analog Systems
RT Circuit Breakers
RT Circuit Theory
RT Counting Techniques
RT Digital Systems
RT Electric Grounds
RT Electrical Equipment
RT Electronic Equipment
RT Microelectronics
RT Oscillators
RT Response Functions
RT Transistors

Electronic Data Processing
USE Data Processing

ELECTRONIC EQUIPMENT [01]
NT1 Amplifiers
NT2 AC Amplifiers
NT2 DC Amplifiers
NT2 Dielectric Amplifiers
NT2 Gasers
NT2 High Frequency Amplifiers
NT2 Magnetic Amplifiers
NT2 Microwave Amplifiers
NT3 Masers
NT2 Operational Amplifiers
NT2 Parametric Amplifiers
NT2 Power Amplifiers
NT2 Preamplifiers
NT2 Pulse Amplifiers

NT2 Transistor Amplifiers
NT1 Analog-to-Digital Converters
NT1 Counting Ratemeters
NT2 Linear Ratemeters
NT2 Logarithmic Ratemeters
NT1 Digital-to-Analog Converters
NT1 Function Generators
NT2 Pulse Generators
NT3 High-Voltage Pulse Generators
NT1 Microwave Equipment
NT2 Heterodyne Receivers
NT2 Microwave Amplifiers
NT3 Masers
NT2 Microwave Tubes
NT3 Backward Wave Tubes
NT3 Klystrons
NT3 Magnetrons
NT3 Travelling Wave Tubes
NT2 SQUID Devices
NT1 Multiplexers
NT1 Optical Scanners
NT1 Oscillators
NT2 Blocking Oscillators
NT2 Parametric Oscillators
NT2 Transistor Oscillators
NT1 Oscillographs
NT1 Power Supplies
NT2 Photovoltaic Power Supplies
NT2 Radio Equipment Power Supplies
NT2 Spacecraft Power Supplies
NT1 Pulse Analyzers
NT2 Multi-Channel Analyzers
NT1 Pulse Converters
NT2 Current-to-Frequency Converters
NT2 Time-to-Amplitude Converters
NT1 Pulse Integrators
NT1 Radio Equipment
NT2 Heterodyne Receivers
NT2 Ionosondes
NT2 Radio Telescopes
NT1 Resonators
NT2 Cavity Resonators
NT3 Superconducting Cavity Resonators
NT1 Scalers
RT Analog Systems
RT Atomic Clocks
RT CAMAC System
RT Computers
RT Consoles
RT Counting Techniques
RT Data Acquisition Systems
RT Digital Systems
RT Digitizers
RT Display Devices
RT Electric Measuring Instruments
RT Electrical Equipment
RT Electron Tubes
RT Electronic Circuits
RT Electronic Guidance
RT Equipment Interfaces
RT Image Scanners
RT Miniaturization
RT Nuclear Instrument Modules
RT Potting
RT Potting Materials
RT Pulse Techniques
RT Radar
RT Reactor Components
RT Recording Systems
RT Semiconductor Devices
RT Sonar
RT X-Ray Equipment

ELECTRONIC GUIDANCE [01]
UF *Guidance (Electronic)*
BT1 Control Systems
RT Electronic Equipment
RT Inertial Guidance
RT Navigational Instruments
RT Rockets
RT Space Vehicles

ELECTRONIC SPECIFIC HEAT [01]
BT1 Specific Heat
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Magnetic Specific Heat
DEF Electron contribution to the specific heat of electronic conductors.

ELECTRONIC STRUCTURE [01]
(For electron configuration in atoms and molecules, and electron band structure in solids.)
UF *Atomic Shells*
UF *Electron Configuration (Atoms)*
NT1 K Shell
NT1 L Shell
NT1 M Shell
NT1 N Shell
RT Atomic Models
RT Atomic Radii
RT Aufbau Principle
RT Band Theory
RT Configuration Interaction
RT Crystal Field
RT Energy Levels
RT Hartree-Fock Method
RT Heisenberg Model
RT HSK Procedure
RT Hybridization
RT Isoelectronic Atoms
RT Molecular Orbital Method
RT Muffin-Tin Potential
RT Photoelectron Spectroscopy
RT Rydberg-Klein-Rees Method
RT Slater Method
RT Ultraviolet Spectra

Electronics (Quantum)
DA August 1976
USE Quantum Electronics

ELECTRONS [01]
UF *Knock-On Electrons*
UF *Negatons*
UF *Negatrons*
UF+ *Electron Acceptor*
UF+ *Electron Donor*
UF+ *Valence Electrons*
BT1 Leptons
BT2 Elementary Particles
BT2 Fermions
NT1 Cosmic Electrons
NT1 Exoelectrons
NT1 Prompt Electrons
NT1 Runaway Electrons
NT1 Solar Electrons
NT1 Solvated Electrons
NT1 Trapped Electrons
RT Beta Particles
RT Charge Carriers
RT Cooper Pairs
RT Delta Rays
RT Dirac Equation
RT Electron Beams
RT Electron Density
RT Electron-Deuteron Interactions
RT Electron Drift
RT Electron-Muon Universality
RT Electron Pairs
RT Electron Spectroscopy
RT Electron Temperature
RT Muonium
RT Positronium
RT Positrons
RT Traps
RT Umklapp Processes

ELECTROPHORESIS [01]
UF *Cataphoresis*
UF *Drag Effect*
UF *Electromigration*
UF *Ionophoresis*
RT Transfer Numbers

ELECTROPLATING [01]
BT1 Electrodeposition
BT2 Electrolysis
BT3 Lysis
BT2 Surface Coating
BT3 Deposition
BT1 Plating
BT2 Surface Coating
BT3 Deposition
RT Electrodeposited Coatings

ELECTROPOLISHING [01]
BT1 Electrolysis
BT2 Lysis
BT1 Polishing
BT2 Surface Finishing
RT Cleaning

ELECTROPRODUCTION [01]
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
RT Electric Born Model

ELECTROREFINING [01]
BT1 Electrolysis
BT2 Lysis
BT1 Refining
BT2 Processing
RT Electrometallurgy

ELECTROSCOPES [01]
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments

ELECTROSLAG WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Arc Welding

ELECTROSTATIC ACCELERATORS [01]
BT1 Accelerators
NT1 Cockcroft-Walton Accelerators
NT1 Dynamitrons
NT1 Pelletrons
NT1 Tandem Electrostatic Accelerators
NT2 CRNL Mp Tandem Accelerator
NT2 Learn Tandem Accelerator
NT2 Orsay Tandem Accelerator
NT1 Van de Graaff Accelerators
NT2 CRNL Mp Tandem Accelerator
NT2 Learn Tandem Accelerator
NT2 Orsay Tandem Accelerator

ELECTROSTATIC ANALYZERS [01]
BT1 Beam Analyzers
RT Electrostatic Lenses

ELECTROSTATIC CHARGE ELIMINATORS [01]
DA May 1975
UF *Static Electricity Eliminators*
RT Electric Charges
RT Electrostatics

ELECTROSTATIC LENSES [01]
BT1 Lenses
RT Electrostatic Analyzers
RT Electrostatic Septa

ELECTROSTATIC PRECIPITATORS [01]
BT1 Pollution Control Equipment
BT2 Equipment
RT Air Cleaning
RT Air Cleaning Systems
RT Air Pollution Monitors
RT Dust Collectors
RT Electrostatics
RT Gaseous Wastes
RT Hot Gas Cleanup
RT Separation Processes
RT Stack Disposal

ELECTROSTATIC PROBES [01]
BT1 Probes

ELECTROSTATIC SEPARATION
DA February 1975
BT1 Separation Processes

ELECTROSTATIC SEPTA [01]
DA May 1975

RT Beam Optics
RT Electrostatic Lenses
RT Magnetic Analyzers
RT Septum Magnets

ELECTROSTATIC SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

Electrostatic Waves
USE Plasma Waves

ELECTROSTATICS [01]
RT Capacitors
RT Charge Distribution
RT Electric Charges
RT Electric Sparks
RT Electrostatic Charge Eliminators
RT Electrostatic Precipitators
RT Xerography

Electrowinning
USE Electrometallurgy

ELEMENT 104 [01]
UF *Eka-Hafnium*
UF *Kurchatovium*
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

ELEMENT 105 [01]
UF *Eka-Tantalum*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 106 [01]
UF *Eka-Tungsten*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 107 [01]
UF *Eka-Rhenium*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 108 [01]
UF *Eka-Osmium*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 109 [01]
UF *Eka-Iridium*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 110 [01]
UF *Eka-Platinum*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 111 [01]
UF *Eka-Gold*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 112 [01]
UF *Eka-Mercury*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 113 [01]
UF *Eka-Thallium*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 114 [01]
UF *Eka-Lead*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 115 [01]
DA January 1975
UF *Eka-Bismuth*
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 116 [01]
DA December 1976
UF *Eka-Polonium*
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 117 [01]
UF *Eka-Astatine*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 118 [01]
DA August 1975
UF *Eka-Radon*
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 126 [01]
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 128 [01]
DA November 1977
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 134 [01]
DA November 1977
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 145 [01]
DA November 1977
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 164 [01]
DA November 1977
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 173 [01]
DA November 1977
BT1 Trans 104 Elements
BT2 Transplutonium Elements
BT3 Transuranium Elements
BT4 Elements

ELEMENT 104 CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Element 104 Compounds
BT2 Transuranium Compounds

ELEMENT 104 COMPLEXES [01]
BT1 Complexes

ELEMENT 104 COMPOUNDS [01]
BT1 Transuranium Compounds
NT1 Element 104 Chlorides

ELEMENT 105 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 106 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 107 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 108 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 109 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 110 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 111 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 112 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 113 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 114 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 126 COMPOUNDS [01]
BT1 Trans 104 Element Compounds
BT2 Transuranium Compounds

ELEMENT 104 ISOTOPES [01]
BT1 Radioisotopes
BT2 Isotopes

ELEMENT 106 ISOTOPES [01]
DA April 1976
BT1 Radioisotopes
BT2 Isotopes

ELEMENTARY LENGTH
DA January 1975
BT1 Distance

ELEMENTARY PARTICLES [01]
UF *Fundamental Particles*
NT1 Antiparticles
NT2 Antibaryons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Antinucleons
NT4 Antineutrons
NT4 Antiprotons
NT2 Antideuterons
NT2 Antileptons
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Muons Plus
NT3 Positrons
NT4 Cosmic Positrons
NT2 Antimesons
NT3 Pseudoscalar Antimesons
NT4 Antikaons

NT5 Antikaons Neutral
NT2 Antitritons
NT1 Hadrons
NT2 Baryons
NT3 Antibaryons
NT4 Antihyperons
NT5 Antilambda Particles
NT5 Antiomega Particles
NT5 Antisigma Particles
NT5 Antixi Particles
NT4 Antinucleons
NT5 Antineutrons
NT5 Antiprotons
NT3 Baryon Resonances
NT4 Charmed Baryon Resonances
NT5 C-2260 Resonances
NT5 Lambda-2250 Resonances
NT4 Dibaryon Resonances
NT4 D*Resonances
NT4 N*Resonances
NT5 Delta-1236 Resonances
NT5 Delta-1650 Resonances
NT5 Delta-1670 Resonances
NT5 Delta-1877 Resonances
NT5 Delta-1890 Resonances
NT5 Delta-1910 Resonances
NT5 Delta-1950 Resonances
NT5 Delta-1960 Resonances
NT5 Delta-2200 Resonances
NT5 Delta-2420 Resonances
NT5 Delta-2850 Resonances
NT5 Delta-3230 Resonances
NT5 N-1470 Resonances
NT5 N-1520 Resonances
NT5 N-1535 Resonances
NT5 N-1680 Resonances
NT5 N-1688 Resonances
NT5 N-1700 Resonances
NT5 N-1780 Resonances
NT5 N-1860 Resonances
NT5 N-1990 Resonances
NT5 N-2040 Resonances
NT5 N-2190 Resonances
NT5 N-2650 Resonances
NT5 N-3030 Resonances
NT4 Y*Resonances
NT5 Lambda-1405 Resonances
NT5 Lambda-1520 Resonances
NT5 Lambda-1670 Resonances
NT5 Lambda-1690 Resonances
NT5 Lambda-1815 Resonances
NT5 Lambda-1830 Resonances
NT5 Lambda-2100 Resonances
NT5 Lambda-2250 Resonances
NT5 Lambda-2350 Resonances
NT5 Sigma-1385 Resonances
NT5 Sigma-1580 Resonances
NT5 Sigma-1620 Resonances
NT5 Sigma-1640 Resonances
NT5 Sigma-1660 Resonances
NT5 Sigma-1670 Resonances
NT5 Sigma-1750 Resonances
NT5 Sigma-1765 Resonances
NT5 Sigma-1910 Resonances
NT5 Sigma-1940 Resonances
NT5 Sigma-2030 Resonances
NT5 Sigma-2250 Resonances
NT5 Sigma-2455 Resonances
NT5 Sigma-2595 Resonances
NT5 Xi-1530 Resonances
NT5 Xi-1630 Resonances
NT5 Xi-1820 Resonances
NT5 Xi-1930 Resonances
NT5 Xi-2030 Resonances
NT4 Z*Resonances
NT3 Hyperons
NT4 Antihyperons
NT5 Antilambda Particles
NT5 Antiomega Particles
NT5 Antisigma Particles
NT5 Antixi Particles
NT4 Lambda Particles
NT4 Omega Particles
NT5 Omega Minus
NT4 Sigma Particles
NT5 Sigma Minus
NT5 Sigma Neutral
NT5 Sigma Plus
NT4 Xi Particles
NT5 Xi Minus
NT5 Xi Neutral
NT3 Nucleons
NT4 Neutrons
NT5 Cold Neutrons
NT6 Ultracold Neutrons
NT5 Cosmic Neutrons
NT5 Epithermal Neutrons
NT5 Fast Neutrons
NT5 Fission Neutrons
NT6 Delayed Neutrons
NT6 Prompt Neutrons
NT5 Intermediate Neutrons
NT5 Photoneutrons
NT5 Pile Neutrons
NT5 Polyneutrons
NT6 Dineutrons
NT6 Trineutrons
NT5 Resonance Neutrons
NT5 Slow Neutrons
NT5 Solar Neutrons
NT5 Tetraneutrons
NT5 Thermal Neutrons
NT4 Photonucleons
NT5 Photoneutrons
NT4 Protons
NT5 Cosmic Protons
NT5 Delayed Protons
NT5 Diprotons
NT5 Photoprotons
NT5 Prompt Protons
NT5 Solar Protons
NT5 Trapped Protons
NT2 Mesons
NT3 Antimesons
NT4 Pseudoscalar Antimesons
NT5 Antikaons
NT6 Antikaons Neutral
NT3 Meson Resonances
NT4 A Resonances
NT5 A1-1070 Resonances
NT5 A2-1310 Resonances
NT5 A4-1960 Resonances
NT5 A2H-1320 Resonances
NT5 A2L-1280 Resonances
NT5 F-1540 Resonances
NT4 B-1235 Resonances
NT4 Baryonium
NT4 Charmed Meson Resonances
NT5 D Resonances
NT6 D-1865 Resonances
NT6 D-2007 Resonances
NT5 F-2030 Resonances
NT5 F*Resonances
NT4 Chi Resonances
NT5 Chi-3455 Resonances
NT5 CHI-3500 Resonances
NT5 CHI-3550 Resonances
NT4 Chi-3410 Resonances
NT4 D-1285 Resonances
NT4 Delta-966 Resonances
NT4 E-1422 Resonances
NT4 Eta-700 Resonances
NT4 Eta-958 Resonances
NT4 Eta-1060 Resonances
NT4 H-2050 Resonances
NT4 Kappa-725 Resonances
NT4 K*Resonances
NT5 K-892 Resonances
NT5 K-1240 Resonances
NT5 K-1320 Resonances
NT5 K-1420 Resonances
NT5 K-1775 Resonances
NT5 K-1871 Resonances
NT5 L-1770 Resonances
NT4 Omega-1675 Resonances
NT4 Omega-1778 Resonances
NT4 Pi-1016 Resonances
NT4 Pi-1640 Resonances
NT4 Q Resonances
NT4 R-1650 Resonances
NT4 Rho-1250 Resonances
NT4 Rho-1500 Resonances
NT4 Rho-1670 Resonances
NT4 Rho-1700 Resonances
NT4 S-1000 Resonances
NT4 S-1930 Resonances
NT4 Sigma-410 Resonances
NT4 T-2200 Resonances
NT4 Tensor Mesons
NT5 A2-1310 Resonances
NT5 F-1260 Resonances
NT5 F-1514 Resonances
NT5 K-1420 Resonances
NT4 U-2375 Resonances
NT4 Upsilon Resonances
NT5 Upsilon-9500 Resonances
NT5 Upsilon-10500 Resonances
NT4 Vector Mesons
NT5 K-892 Resonances
NT5 Omega-784 Resonances
NT5 Phi-1019 Resonances
NT5 Psi Resonances
NT6 Psi-3105 Resonances
NT6 Psi-3695 Resonances
NT6 PSI-3772 Resonances
NT6 PSI-4028 Resonances
NT6 Psi-4100 Resonances
NT6 Psi-4300 Resonances
NT6 PSI-4414 Resonances
NT5 Rho-765 Resonances
NT5 Rho-1600 Resonances
NT4 X-2830 Resonances
NT3 Pomeranchuk Particles
NT3 Pseudoscalar Mesons
NT4 Eta Mesons
NT4 Eta-958 Resonances
NT4 Kaons
NT5 Antikaons
NT6 Antikaons Neutral
NT5 Cosmic Kaons
NT5 Kaons Minus
NT5 Kaons Neutral
NT6 Antikaons Neutral
NT6 Kaons Neutral Long-Lived
NT6 Kaons Neutral Short-Lived
NT5 Kaons Plus
NT4 Omega-1675 Resonances
NT4 Pions
NT5 Cosmic Pions
NT5 Pions Minus
NT5 Pions Neutral
NT5 Pions Plus
NT4 Pseudoscalar Antimesons
NT5 Antikaons
NT6 Antikaons Neutral
NT3 Scalar Mesons
NT2 Resonance Particles
NT3 Baryon Resonances
NT4 Charmed Baryon Resonances
NT5 C-2260 Resonances
NT5 Lambda-2250 Resonances
NT4 Dibaryon Resonances
NT4 D*Resonances
NT4 N*Resonances
NT5 Delta-1236 Resonances
NT5 Delta-1650 Resonances
NT5 Delta-1670 Resonances
NT5 Delta-1877 Resonances
NT5 Delta-1890 Resonances
NT5 Delta-1910 Resonances
NT5 Delta-1950 Resonances
NT5 Delta-1960 Resonances
NT5 Delta-2200 Resonances
NT5 Delta-2420 Resonances
NT5 Delta-2850 Resonances
NT5 Delta-3230 Resonances
NT5 N-1470 Resonances
NT5 N-1520 Resonances
NT5 N-1535 Resonances
NT5 N-1680 Resonances
NT5 N-1688 Resonances
NT5 N-1700 Resonances
NT5 N-1780 Resonances
NT5 N-1860 Resonances
NT5 N-1990 Resonances
NT5 N-2040 Resonances
NT5 N-2190 Resonances
NT5 N-2650 Resonances
NT5 N-3030 Resonances
NT4 Y*Resonances
NT5 Lambda-1405 Resonances
NT5 Lambda-1520 Resonances
NT5 Lambda-1670 Resonances
NT5 Lambda-1690 Resonances

NT5 Lambda-1815 Resonances
NT5 Lambda-1830 Resonances
NT5 Lambda-2100 Resonances
NT5 Lambda-2250 Resonances
NT5 Lambda-2350 Resonances
NT5 Sigma-1385 Resonances
NT5 Sigma-1580 Resonances
NT5 Sigma-1620 Resonances
NT5 Sigma-1640 Resonances
NT5 Sigma-1660 Resonances
NT5 Sigma-1670 Resonances
NT5 Sigma-1750 Resonances
NT5 Sigma-1765 Resonances
NT5 Sigma-1910 Resonances
NT5 Sigma-1940 Resonances
NT5 Sigma-2030 Resonances
NT5 Sigma-2250 Resonances
NT5 Sigma-2455 Resonances
NT5 Sigma-2595 Resonances
NT5 Xi-1530 Resonances
NT5 Xi-1630 Resonances
NT5 Xi-1820 Resonances
NT5 Xi-1930 Resonances
NT5 Xi-2030 Resonances
NT4 Z*Resonances
NT3 Exotic Resonances
NT4 A4-1960 Resonances
NT4 Eta-1060 Resonances
NT4 K-1775 Resonances
NT4 Rho-1250 Resonances
NT4 S-1930 Resonances
NT4 T-2200 Resonances
NT4 U-2375 Resonances
NT4 Z*Resonances
NT3 Meson Resonances
NT4 A Resonances
NT5 A1-1070 Resonances
NT5 A2-1310 Resonances
NT5 A4-1960 Resonances
NT5 A2H-1320 Resonances
NT5 A2L-1280 Resonances
NT5 F-1540 Resonances
NT4 B-1235 Resonances
NT4 Baryonium
NT4 Charmed Meson Resonances
NT5 D Resonances
NT6 D-1865 Resonances
NT6 D-2007 Resonances
NT5 F-2030 Resonances
NT5 F*Resonances
NT4 Chi Resonances
NT5 Chi-3455 Resonances
NT5 CHI-3500 Resonances
NT5 CHI-3550 Resonances
NT4 Chi-3410 Resonances
NT4 D-1285 Resonances
NT4 Delta-966 Resonances
NT4 E-1422 Resonances
NT4 Eta-700 Resonances
NT4 Eta-958 Resonances
NT4 Eta-1060 Resonances
NT4 H-2050 Resonances
NT4 Kappa-725 Resonances
NT4 K*Resonances
NT5 K-892 Resonances
NT5 K-1240 Resonances
NT5 K-1320 Resonances
NT5 K-1420 Resonances
NT5 K-1775 Resonances
NT5 K-1871 Resonances
NT5 L-1770 Resonances
NT4 Omega-1675 Resonances
NT4 Omega-1778 Resonances
NT4 Pi-1016 Resonances
NT4 Pi-1640 Resonances
NT4 Q Resonances
NT4 R-1650 Resonances
NT4 Rho-1250 Resonances
NT4 Rho-1500 Resonances
NT4 Rho-1670 Resonances
NT4 Rho-1700 Resonances
NT4 S-1000 Resonances
NT4 S-1930 Resonances
NT4 Sigma-410 Resonances
NT4 T-2200 Resonances
NT4 Tensor Mesons
NT5 A2-1310 Resonances
NT5 F-1260 Resonances
NT5 F-1514 Resonances
NT5 K-1420 Resonances
NT4 U-2375 Resonances
NT4 Upsilon Resonances
NT5 Upsilon-9500 Resonances
NT5 Upsilon-10500 Resonances
NT4 Vector Mesons
NT5 K-892 Resonances
NT5 Omega-784 Resonances
NT5 Phi-1019 Resonances
NT5 Psi Resonances
NT6 Psi-3105 Resonances
NT6 Psi-3695 Resonances
NT6 PSI-3772 Resonances
NT6 PSI-4028 Resonances
NT6 Psi-4100 Resonances
NT6 Psi-4300 Resonances
NT6 PSI-4414 Resonances
NT5 Rho-765 Resonances
NT5 Rho-1600 Resonances
NT4 X-2830 Resonances
NT1 Leading Particles
NT1 Leptons
NT2 Antileptons
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Muons Plus
NT3 Positrons
NT4 Cosmic Positrons
NT2 Electrons
NT3 Cosmic Electrons
NT3 Exoelectrons
NT3 Prompt Electrons
NT3 Runaway Electrons
NT3 Solar Electrons
NT3 Solvated Electrons
NT3 Trapped Electrons
NT2 Heavy Leptons
NT3 Heavy Neutral Muons
NT3 Tau Neutrinos
NT3 Tau Particles
NT2 Muons
NT3 Cosmic Muons
NT3 Muons Minus
NT3 Muons Plus
NT2 Neutrinos
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Cosmic Neutrinos
NT3 Electron Neutrinos
NT4 Electron Antineutrinos
NT3 Muon Neutrinos
NT4 Muon Antineutrinos
NT3 Solar Neutrinos
NT3 Tau Neutrinos
NT1 Massless Particles
NT2 Gravitons
NT2 Neutrinos
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Cosmic Neutrinos
NT3 Electron Neutrinos
NT4 Electron Antineutrinos
NT3 Muon Neutrinos
NT4 Muon Antineutrinos
NT3 Solar Neutrinos
NT3 Tau Neutrinos
NT2 Photons
NT3 Cosmic Photons
NT1 Postulated Particles
NT2 Beauty Particles
NT2 Charm Particles
NT3 Charmed Baryon Resonances
NT4 C-2260 Resonances
NT4 Lambda-2250 Resonances
NT3 Charmed Meson Resonances
NT4 D Resonances
NT5 D-1865 Resonances
NT5 D-2007 Resonances
NT4 F-2030 Resonances
NT4 F*Resonances
NT2 Dyons
NT2 Gluons
NT2 Goldstone Bosons
NT3 Axions
NT2 Grace Particles
NT2 Gravitons
NT2 Heavy Leptons
NT3 Heavy Neutral Muons
NT3 Tau Neutrinos
NT3 Tau Particles
NT2 Intermediate Bosons
NT3 Higgs Bosons
NT3 Intermediate Vector Bosons
NT2 Magnetic Monopoles
NT2 Pomeranchuk Particles
NT2 Quarks
NT2 Spurions
NT2 Tachyons
NT2 Taste Particles
NT2 Urbaryons
NT1 Strange Particles
NT2 Hyperons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Lambda Particles
NT3 Omega Particles
NT4 Omega Minus
NT3 Sigma Particles
NT4 Sigma Minus
NT4 Sigma Neutral
NT4 Sigma Plus
NT3 Xi Particles
NT4 Xi Minus
NT4 Xi Neutral
NT2 Kaons
NT3 Antikaons
NT4 Antikaons Neutral
NT3 Cosmic Kaons
NT3 Kaons Minus
NT3 Kaons Neutral
NT4 Antikaons Neutral
NT4 Kaons Neutral Long-Lived
NT4 Kaons Neutral Short-Lived
NT3 Kaons Plus
NT2 K*Resonances
NT3 K-892 Resonances
NT3 K-1240 Resonances
NT3 K-1320 Resonances
NT3 K-1420 Resonances
NT3 K-1775 Resonances
NT3 K-1871 Resonances
NT3 L-1770 Resonances
NT2 Spurions
NT1 Virtual Particles
RT Charged-Particle Transport Theory
RT Fundamental Constants
RT Schwinger Source Theory

ELEMENTS [01]
(For chemical elements only.)
UF+ *Trace Elements*
*NT1 Metals
*NT1 Nonmetals
*NT1 Semimetals
*NT1 Transuranium Elements
RT Periodic System

Elevation
DA October 1976
USE Levels

Eliashberg Equations
DA January 1976
USE Gorkov-Eliashberg Theory

Elk River Reactor
USE ERR Reactor

ELLIOT LAKE [01]
BT1 Lakes
BT2 Surface Waters

ELLIOT MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Shell Models

ELLIPSOMETERS
DA February 1979
BT1 Measuring Instruments

BT1 Polarimeters
RT Optical Equipment
DEF Instrument for determining the ellipsticity of polarized light. Used to measure the thickness of very thin transparent films.

ELLIPTICAL CONFIGURATION [01]
BT1 Configuration

ELLSWORTHITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

ELMAX DEVICES
DA January 1975
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

ELMO BUMPY TORUS [01]
DA January 1975
BT1 Elmo Devices
BT2 Magnetic Mirrors
BT3 Open Plasma Devices
BT4 Thermonuclear Devices

ELMO DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
NT1 Elmo Bumpy Torus

ELONGATION [01]
RT Deformation
RT Expansion
RT Thermal Expansion

ELPIDITE [01]
BT1 Minerals
BT1 Sodium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

Elution (Insoluble Particles)
USE Elutriation

Elution (Soluble Constituents)
USE Leaching

ELUTRIATION [01]
UF *Elution (Insoluble Particles)*
BT1 Separation Processes
RT Dispersions
RT Dusts
RT Particle Size
RT Particles
RT Powders
RT Sampling

EMANATION METHOD [01]
NT1 Emanation Thermal Analysis
RT Materials Testing
RT Radiochemistry
RT Rare Gases

EMANATION THERMAL ANALYSIS [01]
BT1 Emanation Method
BT1 Thermal Analysis
RT Rare Gases

EMANOMETERS [01]
DA April 1975
UF *Radon Monitors*
BT1 Radiation Detectors
BT2 Measuring Instruments

EMBANKMENTS
DA October 1975
RT Dams
RT Soils

EMBARGOES
DA March 1978
RT Cartels
RT Foreign Policy
RT International Cooperation
RT Trade
DEF An order or edict of a government prohibiting the departure or entry of goods within its domains; an order issued by common carrier or public regulatory agency prohibiting the acceptance of goods.

EMBOLI [01]
RT Blood Circulation
RT Blood Flow
RT Blood Vessels

EMBRITTLEMENT [01]
RT Brittle-Ductile Transitions
RT Brittleness
RT Ductile-Brittle Transitions

EMBRYONIC CELLS [01]
UF *Amnion Cells*
BT1 Animal Cells
RT Embryos

Embryonic Development
DA December 1976
USE Ontogenesis

EMBRYOS [01]
RT Amniotic Fluid
RT Embryonic Cells
RT Fetal Membranes
RT Fetuses
RT Ontogenesis
RT Pregnancy
RT Prenatal Irradiation
RT Reproduction
RT Uterus

Emergencies
USE Accidents

Emergency Core Cooling System
USE ECCS

EMERGENCY PLAN
DA January 1975
BT1 Safety
RT Radiation Accidents
RT Reactor Accidents

Emergency Rods
USE Scram Rods

Emergency Showers
DA June 1975
USE Safety Showers

Emergency Shutdown
USE Scram

EMF
DA June 1975
USE Electromotive Force

EMINENT DOMAIN
DA May 1979
RT Land Use
RT Legal Aspects
RT Rights-of-Way

EMISSION [01]
NT1 Electron Emission
NT2 Photoelectric Emission
NT1 Field Emission
NT1 Neutron Emission
NT1 Photon Emission
NT1 Secondary Emission
NT2 Photoemission
NT1 Stimulated Emission
NT1 Thermionic Emission
RT Angular Distribution
RT Emission Spectra
RT Stationary Pollutant Sources

Emission (Electron)
USE Electron Emission

EMISSION SPECTRA [01]
BT1 Spectra
RT Emission

EMISSION SPECTROSCOPY [01]
SF *Spectrochemistry*
BT1 Spectroscopy
NT1 Fluorescence Spectroscopy
RT Cathodoluminescence
RT Qualitative Chemical Analysis
RT Quantitative Chemical Analysis

EMISSIVITY [01]
BT1 Optical Properties
BT2 Physical Properties
BT1 Surface Properties
RT Blackbody Radiation
RT Radiant Heat Transfer

Emittance (Beam)
USE Beam Emittance

EMP
USE Electromagnetic Pulses

EMPHYSEMA [01]
DA November 1977
BT1 Respiratory System Diseases
BT2 Diseases
RT Lungs

EMPLACEMENT
DA April 1975
RT Coordinates
RT Positioning
DEF The positioning or locating of an object in a particular place as, e.g., the emplacement of a nuclear explosive device within a borehole.

Employees
USE Personnel

EMPLOYMENT
DA August 1977
UF *Unemployment*
RT Labor
RT Manpower
RT Occupations
RT Work

EMS [01]
UF *Ethyl Methanesulfonate*
BT1 Mutagens
BT1 Sulfonic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Methane

EMULSIFICATION
DA January 1975
RT Demulsification
RT Demulsifiers
RT Emulsifiers
RT Emulsions

EMULSIFIERS [01]
BT1 Additives
NT1 Detergents
NT2 Pluronics
RT Demulsification
RT Demulsifiers
RT Emulsification

RT Emulsions
RT Soaps

EMULSIONS [01]
BT1 Colloids
BT2 Dispersions
NT1 Microemulsions
RT Demulsification
RT Demulsifiers
RT Emulsification
RT Emulsifiers
RT Latex

ENAMELS [01]
BT1 Coatings
RT Ceramics

Enanthic Acid
USE Heptanoic Acid

ENANTIOMORPHS
DA February 1976
UF *Chiral*
UF *Dextro and Levo Optical Isomers*
UF *Optical Antipodes*
RT Stereochemistry
DEF Either of a pair of chemical compounds or crystals whose molecular structures have a mirror-image relationship to each other.

ENCAPSULATION [01]
DA April 1978
RT Capsules
RT Potting
RT Radioactive Waste Processing

ENCEPHALITIS [01]
BT1 Nervous System Diseases
BT2 Diseases
RT Brain

END EFFECTS
DA June 1975
RT Electromagnetic Lenses
RT Magnetic Fields
RT MHD Generators
RT Wall Effects

End Use Sector
(See specific entries such as those listed below.)
DA May 1979
SEE Commercial Sector
OR Industry
OR Residential Sector

ENDANGERED SPECIES
DA March 1976
BT1 Animals
BT1 Plants
DEF Species in danger of extinction in all or a significant part of its range.

ENDOCRINE DISEASES [01]
BT1 Diseases
NT1 Acromegaly
NT1 Cushing Syndrome
NT1 Diabetes Mellitus
NT1 Goiter
NT1 Hyperthyroidism
NT1 Hypothyroidism
NT1 Thyroiditis
RT Endocrine Glands
RT Hormones

ENDOCRINE GLANDS [01]
BT1 Glands
BT2 Organs
BT3 Body
NT1 Adrenal Glands
NT1 Pancreas
NT1 Parathyroid Glands
NT1 Pituitary Gland
NT1 Thyroid
RT Endocrine Diseases
RT Gonads
RT Homeostasis
RT Hormones
RT Hypothalamus
RT Pineal Gland
RT Receptors

Endometrium
USE Uterus

ENDOPLASMIC RETICULUM [01]
BT1 Organoids
BT2 Cell Constituents

ENDOR [01]
UF *Electron Nuclear Double Resonance*
BT1 Magnetic Resonance
BT2 Resonance
RT Double Resonance Methods

ENDOSPERM [01]
BT1 Plant Tissues
RT Seeds

Endosteum
USE Bone Tissues

ENDOTHELIUM [01]
DA June 1975
BT1 Tissues
BT2 Body
RT Epithelium

ENDOTOXINS [01]
BT1 Toxins
BT2 Antigens
BT2 Toxic Materials
RT Bacteria
RT Infectivity
RT Polysaccharides

ENDOXAN [01]
UF *Cyclophosphamide*
BT1 Alkylating Agents
BT2 Antimitotic Drugs
BT3 Drugs

ENDURO [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials

ENEA [01]
(Name changed to OECD Nuclear Energy Agency in April 1972, and the more recent material should be indexed to NEA.)
UF *European Nuclear Energy Agency*
BT1 NEA
BT2 OECD
BT3 International Organizations

ENEL-4 REACTOR [01]
UF *Caorso Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

ENERGY [01]
NT1 Activation Energy
NT1 Binding Energy
NT2 Neutron Separation Energy
NT2 Pairing Energy
NT1 Coulomb Energy
NT1 Dissociation Energy
NT1 Free Energy
NT2 Formation Free Energy
NT2 Surface Energy
NT1 Free Enthalpy
NT2 Formation Free Enthalpy
NT1 Geothermal Energy
NT1 Heat
NT2 Absorption Heat
NT2 Combustion Heat
NT2 Process Heat
NT3 Geothermal Process Heat
NT3 Solar Process Heat
NT2 Waste Heat
NT1 Kinetic Energy
NT1 Nuclear Energy
NT1 Potential Energy
NT1 Q-Value
NT1 Self-Energy
NT1 Solar Energy
NT1 Stored Energy
NT1 Threshold Energy
RT Electron Temperature
RT Energy Dependence
RT Energy-Momentum Tensor
RT Energy Range
RT Energy Sources
RT Ion Temperature
RT Neutron Temperature
RT Nuclear Temperature
RT Photon Temperature
RT Proton Temperature
RT Radioisotope Heat Sources
RT Sargent Diagrams
RT Thermodynamics
RT Work Functions

ENERGY ABSORPTION
DA February 1975
UF *Energy Deposition*
BT1 Absorption
RT Ionization
RT Radiation Doses

ENERGY ACCOUNTING
DA May 1977
UF *Energy Costs*
BT1 Accounting
BT2 Management
BT1 Energy Analysis
RT Energy Audits
RT Energy Management
RT Energy Quality
RT Net Energy

ENERGY ANALYSIS
DA October 1977
NT1 Energy Accounting
NT1 Energy Quality
NT1 Net Energy
RT Economic Analysis
RT Energy Models
RT Input-Output Analysis
RT Systems Analysis
DEF Any analysis or methodology to discover how energy is used by economies.

ENERGY AUDITS
DA August 1979
RT Energy Accounting
RT Energy Conservation

ENERGY BALANCE [01]
DA January 1975
UF *Balance (Energy)*
NT1 Breakeven
RT Confinement
RT Plasma
RT Thermonuclear Reactors

ENERGY BALANCE MASS SPECTROMETERS [01]
BT1 Dynamic Mass Spectrometers
BT2 Mass Spectrometers
BT3 Spectrometers
BT4 Measuring Instruments

ENERGY CASCADE
DA January 1979
UF *Energy Cascading*
BT1 Waste Heat Utilization
BT2 Waste Product Utilization

RT Co-Generation
RT Energy Conservation
RT Total Energy Systems
DEF Conservation concept starting with a high-temperature process (e.g. steel rolling mill, furnace) and with recuperation utilizes heat at progressively lower stages: gas turbine, steam turbine, process steam, and organic turbine.

Energy Cascading
DA January 1979
USE Energy Cascade

Energy Complexes
DA March 1977
USE Energy Parks

ENERGY CONSERVATION [01]
DA February 1975
RT Air Infiltration
RT Carpooling
RT Consumer Guides
RT Energy Audits
RT Energy Cascade
RT Energy Conservation and Production Act
RT Energy Consumption
RT Energy Efficiency
RT Energy Management
RT Energy Management Systems
RT Energy Policy and Conservation Act
RT Interchangeability
RT National Energy Plan
RT Recycling
RT Resource Conservation
RT Resource Recovery Acts
RT Total Energy Systems
RT Vanpooling

ENERGY CONSERVATION AND PRODUCTION ACT
DA November 1977
UF *ECPA*
BT1 Laws
RT Energy Conservation
RT Energy Supplies
RT Petroleum

ENERGY CONSUMPTION [01]
DA February 1975
NT1 Fuel Consumption
RT Consumption Rates
RT Energy Conservation
RT Energy Efficiency
RT Gas Meters
RT Net Energy
RT Power Meters
RT Total Energy Systems

ENERGY CONVERSION [01]
BT1 Conversion
NT1 Direct Energy Conversion
NT2 Thermionic Conversion
NT2 Thermoelectric Conversion
NT3 Thermal Batteries
NT2 Thermomagnetic Conversion
NT2 Thermophotovoltaic Conversion
NT1 Geothermal Energy Conversion
NT1 Solar Energy Conversion
NT2 Ocean Thermal Energy Conversion
RT Energy Transfer
RT Photovoltaic Effect
RT Water Brakes
RT Wave Energy Converters
RT Working Fluids

Energy Costs
DA May 1977
USE Energy Accounting

ENERGY DEMAND
DA February 1975
RT Demand Factors
RT Energy Efficiency
RT Energy Shortages
RT Energy Supplies
RT Power Demand
RT Supply and Demand

ENERGY DENSITY
DA April 1979
UF *Density (Energy)*
RT Charge Density
RT Quantum Mechanics

ENERGY DEPENDENCE [01]
(For explicit dependence of a certain quantity or phenomenon on the energy.)
RT Energy
RT Energy Range
RT Spectral Response

Energy Deposition
DA February 1975
USE Energy Absorption

Energy Dissipation
USE Energy Losses

Energy Distribution
USE Energy Spectra

ENERGY EFFICIENCY
DA June 1977
BT1 Efficiency
RT Energy Conservation
RT Energy Consumption
RT Energy Demand
RT Energy Quality
RT Energy Substitution Equivalent
RT Net Energy
RT Substitution Equivalent

Energy Exchange
USE Energy Transfer

ENERGY EXTENSION SERVICE
DA April 1977
UF *EES*
UF *US EES*
BT1 US DOE
BT2 US Organizations
BT3 National Organizations

ENERGY FACILITIES
DA June 1977
NT1 Resource Recovery Facilities
RT Energy Parks
RT ICES
RT Nuclear Facilities
RT Risk Assessment
RT Rural Energy Centers
RT Storage Facilities
RT Terminal Facilities

ENERGY GAP [01]
RT Band Theory
RT Graded Band Gaps
RT Superconductivity

ENERGY-LEVEL DENSITY [01]
DA June 1975
UF *Density (Energy-Level)*
RT Energy Levels
RT Energy Resolution
RT Level Widths

Energy-Level Schemes
USE Energy Levels

ENERGY-LEVEL TRANSITIONS [01]
UF *Electromagnetic Transitions*
UF *Transitions (Energy Level)*
NT1 Coster-Kronig Transitions
NT1 De-Excitation
NT2 Radiationless Decay
NT1 Excitation
NT2 Coulomb Excitation
NT1 Forbidden Transitions
NT1 Isomeric Transitions
NT1 Multipole Transitions
NT2 E0-Transitions
NT2 E1-Transitions
NT2 E2-Transitions
NT2 E3-Transitions
NT2 E4-Transitions
NT2 M1-Transitions
NT2 M2-Transitions
NT2 M3-Transitions
NT2 M4-Transitions
NT1 Stimulated Emission
RT Auger Effect
RT Decay
RT Einstein Coefficients
RT Energy Levels
RT Franck-Condon Principle
RT Gamma Cascades
RT Mixing Ratio
RT Oscillator Strengths
RT Selection Rules

ENERGY LEVELS [01]
UF *Energy-Level Schemes*
UF *Level Density*
UF *Level Schemes*
UF *Resonance States*
UF *States (Energy)*
NT1 D States
NT1 E States
NT1 Excited States
NT2 Metastable States
NT2 Rotational States
NT2 Vibrational States
NT1 F States
NT1 Fermi Level
NT1 G States
NT1 Ground States
NT1 High Spin States
NT1 Isobaric Analogs
NT1 Negative Energy States
NT1 P States
NT1 S States
NT1 Virtual States
NT1 Yrast States
RT Bound State
RT Brillouin Theorem
RT Eigenstates
RT Electronic Structure
RT Energy-Level Density
RT Energy-Level Transitions
RT External Conversion
RT Internal Conversion
RT Jahn-Teller Effect
RT Lamb Shift
RT Lande Factor
RT Level Widths
RT Nuclear Cascades
RT Nuclear Structure
RT Population Inversion
RT Rydberg Correction
RT Strangeness Analog Resonances
RT Strength Functions

ENERGY LOSSES [01]
UF *Degradation (Energy)*
UF *Energy Dissipation*
UF *Ionization Loss*
UF *Losses (Energy)*
UF *Ohmic Plasma Losses*
BT1 Losses
NT1 Heat Losses
NT1 Power Losses
NT2 Line Losses
NT1 Relaxation Losses
RT Attenuation
RT Bragg Curve
RT Damping
RT Dissipation Factor
RT Hysteresis
RT Ionization
RT Ionizing Radiations
RT Landau Fluctuations
RT LET
RT Microdosimetry
RT Radiation Effects
RT Radiation Length
RT Radiation Quality
RT Range
RT Shock Absorbers
RT Slowing-Down
RT Stopping Power

ENERGY MANAGEMENT
DA June 1977
BT1 Management

RT Energy Accounting
RT Energy Conservation
RT Energy Management Systems
RT Energy Supplies

ENERGY MANAGEMENT SYSTEMS
DA July 1979
RT Buildings
RT Control Systems
RT Energy Conservation
RT Energy Management
RT Microprocessors

ENERGY MODELS
DA January 1976
NT1 PIES
RT Energy Analysis
RT Mathematical Models

ENERGY-MOMENTUM TENSOR
DA July 1976
BT1 Tensors
RT Energy
RT General Relativity Theory
RT Linear Momentum

Energy of Dissociation
USE Dissociation Energy

Energy Operators
USE Hamiltonians

ENERGY PARKS
DA January 1976
UF *Energy Complexes*
NT1 Nuclear Parks
RT Energy Facilities
RT Rural Energy Centers

ENERGY POLICY [01]
DA February 1975
BT1 Government Policies
NT1 National Energy Plan
NT1 Project Independence
RT Allocations
RT Bids
RT Economic Policy
RT Energy Policy and Conservation Act
RT Foreign Policy
RT Nuclear Power Phaseout
RT Regional Cooperation

ENERGY POLICY AND CONSERVATION ACT
DA September 1976
UF *EPCA*
BT1 Laws
RT Energy Conservation
RT Energy Policy

ENERGY QUALITY
DA April 1978
BT1 Energy Analysis
RT Energy Accounting
RT Energy Efficiency
RT Entropy
DEF Measured by the energy cost of sustaining an energy flow or storage.

ENERGY RANGE [01]
NT1 EeV Range
NT1 EV Range
NT2 EV Range 01-10
NT2 EV Range 10-100
NT2 EV Range 100-1000
NT2 Milli EV Range
NT1 GeV Range
NT2 GeV Range 01-10
NT2 GeV Range 10-100
NT2 GeV Range 100-1000
NT1 KeV Range
NT2 KeV Range 01-10
NT2 KeV Range 10-100
NT2 KeV Range 100-1000
NT1 MeV Range
NT2 MeV Range 01-10
NT2 MeV Range 10-100
NT2 MeV Range 100-1000
NT1 PeV Range
NT1 Relativistic Range
NT1 TeV Range
NT2 TeV Range 01-10
NT2 TeV Range 10-100
NT2 TeV Range 100-1000
RT Energy
RT Energy Dependence
RT Group Constants

ENERGY RECOVERY
DA April 1978
BT1 Recovery
NT1 Heat Recovery
RT Heat
RT Kinetic Energy
RT Materials Recovery
RT Potential Energy
RT Resource Recovery Facilities
RT Thermodynamics

Energy Research and Development Administration
DA October 1975
USE US ERDA

ENERGY RESOLUTION [01] (FWHM of energy spectra.)
BT1 Resolution
RT Energy-Level Density
RT Energy Spectra

ENERGY SHORTAGES [01]
DA February 1975
RT Energy Demand
RT Energy Sources
RT Energy Supplies
RT Fuel Substitution

ENERGY SOURCE DEVELOPMENT
DA January 1977
RT Energy Sources
RT Resource Assessment
RT Resource Development
RT Resource Potential
RT Risk Assessment

ENERGY SOURCES [01]
NT1 Fossil Fuels
NT2 Coal
NT3 Black Coal
NT4 Anthracite
NT4 Bituminous Coal
NT3 Brown Coal
NT4 Lignite
NT3 Sapropelic Coal
NT4 Boghead Coal
NT5 Torbanite
NT4 Cannel Coal
NT3 Subbituminous Coal
NT2 Natural Gas
NT3 Liquefied Natural Gas
NT2 Oil Sands
NT2 Oil Shales
NT3 Black Shales
NT3 3-Methylcholanthrene
NT2 Peat
NT2 Petroleum
NT3 Petroleum Fractions
NT4 Gas Oils
NT4 Petroleum Distillates
NT5 Naphtha
NT4 Petroleum Residues
NT4 Refinery Gases
NT3 Residual Petroleum
NT3 Sour Crudes
NT2 Shale Oil
NT3 Shale Oil Fractions
NT1 Fuel Gas
NT2 High BTU Gas
NT2 Intermediate BTU Gas
NT3 Carburetted Water Gas
NT3 Town Gas
NT3 Water Gas
NT2 Low BTU Gas
NT3 Producer Gas
NT2 Natural Gas
NT3 Liquefied Natural Gas
NT1 Nuclear Fuels
NT2 Alloy Nuclear Fuels
NT2 Denatured Fuel
NT2 Dispersion Nuclear Fuels
NT2 Fuel Solutions
NT2 Liquid Metal Fuels
NT2 Molten Salt Fuels
NT2 Spent Fuels
NT1 Renewable Energy Sources
NT2 Biomass
NT2 Geothermal Energy
NT2 Hydroelectric Power
NT2 Solar Energy
NT2 Tidal Power
NT2 Wave Power
NT2 Wind Power
NT1 Waste Heat
RT Availability
RT Energy
RT Energy Shortages
RT Energy Source Development
RT Energy Substitution Equivalent
RT Energy Supplies
RT Interchangeability
RT National Energy Plan
RT Substitution Equivalent
RT Sun

ENERGY SPECTRA [01]
UF *Energy Distribution*
BT1 Spectra
RT Energy Resolution
RT Energy Yield
RT Group Constants
RT Rydberg Correction
RT Spectral Density
RT Spectral Response

ENERGY STORAGE [01]
BT1 Storage
NT1 Annual Energy Storage
NT1 Compressed Air Energy Storage
NT1 Flywheel Energy Storage
NT1 Heat Storage
NT2 Latent Heat Storage
NT2 Sensible Heat Storage
NT3 Drum Walls
NT2 Thermochemical Heat Storage
NT1 Magnetic Energy Storage
NT1 Off-Peak Energy Storage
NT1 Pumped Storage
RT Capacitive Energy Storage Equipment
RT Capacitors
RT Electric Batteries
RT Energy Storage Systems
RT Flywheels
RT Hydraulic Accumulators
RT Hydrogen Storage
RT Mechanical Energy Storage Equipment
RT Water Reservoirs

ENERGY STORAGE SYSTEMS
DA August 1976
NT1 Electric Batteries
NT2 Lead-Acid Batteries
NT2 Metal-Gas Batteries
NT3 Cadmium-Air Batteries
NT3 Iron-Air Batteries
NT3 Lithium-Chlorine Batteries
NT3 Lithium-Water-Air Batteries
NT3 Nickel-Hydrogen Batteries
NT3 Zinc-Air Batteries
NT3 Zinc-Chlorine Batteries
NT2 Metal-Metal Batteries
NT2 Metal-Metal Oxide Batteries
NT3 Iron-Nickel Batteries
NT3 Nickel-Cadmium Batteries
NT3 Nickel-Zinc Batteries
NT3 Silver-Cadmium Batteries
NT3 Silver-Zinc Batteries
NT3 Zinc-Manganese Batteries
NT2 Metal-Nonmetal Batteries
NT3 Lithium-Copper Chloride Batteries
NT3 Lithium-Sulfur Batteries
NT3 Sodium-Sulfur Batteries
NT3 zinc-bromine batteries
NT2 Primary-Secondary Hybrid Batteries

NT2 Thermal Batteries
RT Capacitive Energy Storage Equipment
RT Energy Storage
RT Heat Storage

ENERGY SUBSTITUTION EQUIVALENT
DA June 1978
UF *Fuel Substitution Equivalent*
RT Energy Efficiency
RT Energy Sources
RT Fuel Substitution
RT Net Energy
DEF The amount of fuel saved by the substitution of one fuel for another when the same energy product is generated by both fuels.

ENERGY SUPPLIES
DA February 1975
RT Energy Conservation and Production Act
RT Energy Demand
RT Energy Management
RT Energy Shortages
RT Energy Sources
RT Fuel Substitution
RT National Energy Plan
RT Strategic Petroleum Reserve
RT Supply and Demand

ENERGY TRANSFER [01]
UF *Energy Exchange*
UF *Transfer (Energy)*
NT1 Heat Transfer
NT2 Radiant Heat Transfer
NT2 Thermal Conduction
NT1 LET
NT1 Radiationless Decay
RT Angular Momentum Transfer
RT Energy Conversion
RT Energy Yield
RT Linear Momentum Transfer
RT Mass Transfer

Energy Transmission
DA February 1975
USE Energy Transport

ENERGY TRANSPORT
DA February 1975
UF *Energy Transmission*
UF *Transmission (Energy)*
UF *Transport (Energy)*
RT Freight Pipelines
RT Natural Gas Distribution Systems
RT Power Distribution
RT Power Transmission

ENERGY YIELD [01]
DA February 1975
RT Energy Spectra
RT Energy Transfer
RT Net Energy

Enewetak
DA July 1979
SEE Eniwetok

ENFORCEMENT [01]
DA November 1976
RT Laws
RT Legal Aspects
RT Pollution Control Agencies
RT Pollution Regulations
RT Regulations

ENGINEERED SAFETY SYSTEMS
DA January 1975
NT1 Air Cleaning Systems
NT1 Containment Systems
NT2 Containment Spray Systems
NT1 ECCS
NT2 Core Flooding Systems
NT2 Core Spray Systems
NT2 HPCI
NT2 LPCI
RT Reactor Protection Systems

ENGINEERING [01]
NT1 Electrical Engineering
NT1 Environmental Engineering
NT1 Nuclear Engineering
NT1 Reservoir Engineering
NT1 Safety Engineering
RT Engineering Geology

ENGINEERING GEOLOGY
DA March 1977
UF *Geologic Engineering*
BT1 Geology
RT Engineering
DEF Geology as applied to engineering practice, esp. mining and civil engineering. It is the application of geologic data, techniques, and principles to the study of naturally occurring rock and soil materials or ground water for the purpose of assuring that geologic factors affecting the location, planning, design, construction, operation, and maintenance of engineering structures, and the development of ground-water resources, are properly recognized and adequately interpreted, utilized, and presented for use in engineering practice.

Engineering Test Reactor
USE ETR Reactor

Engineering Test Reactor Critical Facility
USE ETRC Reactor

ENGINES
(Machines with self-contained energy sources; for machines utilizing external energy sources for normal operation see MOTORS.)
DA February 1975
NT1 Dual-Fuel Engines
NT1 Heat Engines
NT2 Stirling Engines
NT1 Internal Combustion Engines
NT2 Diesel Engines
NT2 Gas Turbine Engines
NT2 Ramjet Engines
NT2 Rotary Engines
NT3 Wankel Engines
NT2 Spark Ignition Engines
NT3 Wankel Engines
NT2 Stratified Charge Engines
NT1 Rankine Cycle Engines
NT1 Rocket Engines
NT1 Turbojet Engines
RT Combustion Chambers
RT Federal Test Procedure
RT Fuel Injection Systems
DEF Machines with self-contained energy sources; for machines utilizing external energy sources for normal operation see MOTORS.

England
USE United Kingdom

ENHANCED RECOVERY
DA February 1976
UF *Secondary Recovery*
UF *Tertiary Recovery*
NT1 Miscible-Phase Displacement
NT2 Carbon Dioxide Injection
NT2 Microemulsion Flooding
NT1 SOLFRAC Process
RT Caustic Flooding
RT Directional Drilling
RT Gas Injection
RT Petroleum
RT Steam Injection
RT Waterflooding

ENIWETOK [01]
SF *Enewetak*
BT1 Marshall Islands
BT2 Islands
BT2 Micronesia
BT3 Oceania
RT Greenhouse Project
RT Hardtack Project
RT Ivy Project

ENKEPHALINS [01]
DA July 1978
BT1 Polypeptides
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds
RT Narcotics
DEF Naturally occurring (brain and pituitary gland) opiate-like materials composed of a mixture of two pentapeptides.

ENOLS [01]
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Ketones

Enriched Materials (Isotopes)
USE Isotope Enriched Materials

Enriched Materials (Ores)
USE Ore Concentrates

ENRICHED URANIUM [01]
BT1 Isotope Enriched Materials
BT1 Uranium
BT2 Actinides
BT3 Metals
BT4 Elements
NT1 Highly Enriched Uranium
NT1 Moderately Enriched Uranium
NT1 Slightly Enriched Uranium
RT Enriched Uranium Reactors

ENRICHED URANIUM REACTORS [01]
(Reactors primarily fuelled with ENRICHED URANIUM.)
BT1 Reactors
NT1 ACPR Reactor
NT1 AEG Nullenergie Reactor
NT1 Aerojet-General Nucleonics Reactors
NT2 AGN-201 Reactor Series
NT3 AGN-201M-105 Reactor
NT3 AGN-201M-112 Reactor
NT3 AGN-201P-103 Reactor
NT3 AGN-201P-111 Reactor
NT3 AGN-201-100 Reactor
NT3 AGN-201-101 Reactor
NT3 AGN-201-102 Reactor
NT3 AGN-201-104 Reactor
NT3 AGN-201-106 Reactor
NT3 AGN-201-107 Reactor
NT3 AGN-201-108 Reactor
NT3 AGN-201-109 Reactor
NT3 AGN-201-110 Reactor
NT3 AGN-201-113 Reactor
NT3 AGN-201-114 Reactor
NT2 AGN-211 Reactor Series
NT3 AGN-211P-100 Reactor
NT3 AGN-211-101 Reactor
NT3 AGN-211-102 Reactor
NT3 AGN-211-103 Reactor
NT2 AGNIR Reactor
NT1 AFSR Reactor
NT1 AGR Type Reactors
NT2 Connah Quay-B Reactor
NT2 Dungeness-B Reactor
NT2 Hartlepool Reactor
NT2 Heysham-A Reactor
NT2 Heysham-B Reactor
NT2 Hinkley Point-B Reactor
NT2 Hunterston-B Reactor
NT2 Sizewell-B Reactor
NT2 WAGR Reactor
NT1 AHCF Reactor
NT1 AI-L-77 Reactor
NT1 Allens Creek-1 Reactor
NT1 Allens Creek-2 Reactor
NT1 Almaraz-1 Reactor
NT1 Almaraz-2 Reactor

NT1 ALRR Reactor
NT1 AMRR Reactor
NT1 ANEX Reactor
NT1 Angra-1 Reactor
NT1 Angra-2 Reactor
NT1 Angra-3 Reactor
NT1 ANNA Reactor
NT1 APS Reactor
NT1 Apsara Reactor
NT1 ARBUS Reactor
NT1 Ardennes Reactor
*NT1 Argonaut Type Reactors
NT1 Arkansas-1 Reactor
NT1 Arkansas-2 Reactor
NT1 ARMF-1 Reactor
NT1 ARMF-2 Reactor
NT1 ARR Reactor
NT1 Asco-1 Reactor
NT1 Asco-2 Reactor
NT1 ASTRA Reactor
NT1 Atlantic-1 Reactor
NT1 Atlantic-2 Reactor
NT1 ATR Reactor
NT1 ATRC Reactor
NT1 Avogadro RS-1 Reactor
NT1 AVR Reactor
NT1 AZUR Reactor
NT1 Barsebaeck-1 Reactor
NT1 Barsebaeck-2 Reactor
NT1 Barton-1 Reactor
NT1 Barton-2 Reactor
NT1 Barton-3 Reactor
NT1 Barton-4 Reactor
NT1 BAWTR Reactor
NT1 Beaver Valley-2 Reactor
NT1 Bellefonte-1 Reactor
NT1 Bellefonte-2 Reactor
NT1 Beloyarsk-1 Reactor
NT1 Beloyarsk-2 Reactor
NT1 BER-1 Reactor
NT1 Beznau-1 Reactor
NT1 Beznau-2 Reactor
NT1 BGRR Reactor
NT1 Biblis-A Reactor
NT1 Biblis-B Reactor
NT1 Biblis-3 Reactor
NT1 Biblis-4 Reactor
NT1 Big Rock Point Reactor
NT1 Black Fox-1 Reactor
NT1 Black Fox-2 Reactor
NT1 Blue Hills-1 Reactor
NT1 Blue Hills-2 Reactor
NT1 Bohunice V-1 Reactor
NT1 BONUS Reactor
NT1 BOR-60 Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 Borssele Reactor
NT1 BR-02 Reactor
NT1 BR-2 Reactor
NT1 BR-3 Reactor
NT1 BR-3-VN Reactor
NT1 Braidwood-1 Reactor
NT1 Braidwood-2 Reactor
NT1 Brokdorf Reactor
NT1 Browns Ferry-1 Reactor
NT1 Browns Ferry-2 Reactor
NT1 Browns Ferry-3 Reactor
NT1 BRR Reactor
NT1 Brunsbuettel Reactor
NT1 BSR-1 Reactor
NT1 BSR-2 Reactor
NT1 Bugey-2 Reactor
NT1 Bugey-3 Reactor
NT1 Byron-1 Reactor
NT1 Byron-2 Reactor
NT1 BYU L-77 Reactor
NT1 Cabri Reactor
NT1 Calhoun-1 Reactor
NT1 Calhoun-2 Reactor
NT1 Callaway-1 Reactor
NT1 Callaway-2 Reactor
NT1 Catawba-1 Reactor
NT1 Catawba-2 Reactor
NT1 Cesnef Reactor
NT1 Cherokee-1 Reactor
NT1 Cherokee-2 Reactor
NT1 Cherokee-3 Reactor
NT1 Clinton-1 Reactor
NT1 Clinton-2 Reactor
NT1 Cofrentes Reactor
NT1 Comanche Peak-1 Reactor
NT1 Comanche Peak-2 Reactor
NT1 Connecticut Yankee Reactor
NT1 Consort-2 Reactor
NT1 Cook-1 Reactor
NT1 Cook-2 Reactor
NT1 Coral-1 Reactor
NT1 CP-3M Reactor
NT1 CP-5 Reactor
NT1 Crystal River-3 Reactor
NT1 Crystal River-4 Reactor
NT1 CVTR Reactor
NT1 CWRR Reactor
NT1 Daphne Reactor
NT1 Davis Besse-1 Reactor
NT1 Davis Besse-2 Reactor
NT1 Davis Besse-3 Reactor
NT1 Democritus Reactor
NT1 DFR Reactor
NT1 Dido Reactor
NT1 DMTR Reactor
NT1 Dodewaard Reactor
NT1 Doel-1 Reactor
NT1 Doel-2 Reactor
NT1 Doel-3 Reactor
NT1 Douglas Point-1 Reactor
NT1 Douglas Point-2 Reactor
NT1 DR-1 Reactor
NT1 DR-2 Reactor
NT1 DR-3 Reactor
NT1 Dragon Reactor
NT1 Dresden-1 Reactor
NT1 Dresden-2 Reactor
NT1 Dresden-3 Reactor
NT1 Duane Arnold-1 Reactor
NT1 Dukovany V-2 Reactor
NT1 EBOR Reactor
NT1 EBWR Reactor
NT1 EER Reactor
NT1 EFDR-50 Reactor
NT1 EGCR Reactor
NT1 EL-3 Reactor
NT1 EL-4 Reactor
NT1 ENEL-4 Reactor
NT1 Enrico Fermi-1 Reactor
NT1 EOCR Reactor
NT1 Erie-1 Reactor
NT1 Erie-2 Reactor
NT1 ERR Reactor
NT1 ESADA-VESR Reactor
NT1 ESSOR Reactor
NT1 ETR Reactor
NT1 ETRC Reactor
NT1 EVSR Reactor
NT1 Fessenheim-1 Reactor
NT1 FMRB Reactor
NT1 FNR Reactor
NT1 Forked River-1 Reactor
NT1 Forsmark-1 Reactor
NT1 Forsmark-2 Reactor
NT1 Forsmark-3 Reactor
NT1 FR-0 Reactor
NT1 FRAN Reactor
NT1 FRF Reactor
NT1 FRG-1 Reactor
NT1 FRG-2 Reactor
NT1 FRJ-1 Reactor
NT1 FRJ-2 Reactor
NT1 FRM Reactor
NT1 FS-1 Reactor
NT1 Fukushima-1 Reactor
NT1 Fukushima-2 Reactor
NT1 Fukushima-3 Reactor
NT1 Fukushima-4 Reactor
NT1 Fukushima-6 Reactor
NT1 Fulton-1 Reactor
NT1 Fulton-2 Reactor
NT1 GA Standard Reactor
NT1 Garigliano Reactor
NT1 Garona Reactor
NT1 GETR Reactor
NT1 Ginna-1 Reactor
NT1 Goesgen Reactor
NT1 Graben-1 Reactor
NT1 Graben-2 Reactor
NT1 Grafenrheinfeld Reactor
NT1 Grand Gulf-1 Reactor
NT1 Grand Gulf-2 Reactor
NT1 Greene County Reactor
NT1 Greenwood-2 Reactor
NT1 Greenwood-3 Reactor
NT1 Grohnde Reactor
NT1 GTRR Reactor
NT1 Gundremmingen-2 Reactor
NT1 Gundremmingen-3 Reactor
NT1 Hamaoka-1 Reactor
NT1 Hamaoka-2 Reactor
NT1 Hamm-Uentrop Reactor
NT1 Harmonie Reactor
NT1 Harris-1 Reactor
NT1 Harris-2 Reactor
NT1 Harris-3 Reactor
NT1 Harris-4 Reactor
NT1 Hartsville-1 Reactor
NT1 Hartsville-2 Reactor
NT1 Hartsville-3 Reactor
NT1 Hartsville-4 Reactor
NT1 Hatch-1 Reactor
NT1 Hatch-2 Reactor
NT1 Haven-1 Reactor
NT1 Haven-2 Reactor
NT1 Hazel Reactor
NT1 HBWR Reactor
NT1 HDR Reactor
NT1 Hector Reactor
NT1 Herald Reactor
NT1 Hero Reactor
NT1 HFBR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 HIFAR Reactor
NT1 HNPF Reactor
NT1 Hope Creek-1 Reactor
NT1 Hope Creek-2 Reactor
NT1 HOR Reactor
NT1 Horace Reactor
NT1 HPRR Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 HTLTR Reactor
NT1 HTR Reactor
NT1 Humboldt Bay Reactor
NT1 HWCTR Reactor
NT1 HYPO Reactor
NT1 IAN-R1 Reactor
NT1 IEAR-1 Reactor
NT1 Ikata Reactor
NT1 Indian Point-1 Reactor
NT1 Indian Point-2 Reactor
NT1 Indian Point-3 Reactor
NT1 Iran-1 Reactor
NT1 Iran-2 Reactor
NT1 IRL Reactor
NT1 IRR-1 Reactor
NT1 IRT-A Reactor
NT1 IRT-B Reactor
NT1 IRT-C Reactor
NT1 IRT-D Reactor
NT1 IRT-2000 Djakarta Reactor
NT1 IRT-E Reactor
NT1 IRT-F Reactor
NT1 IRT-2000 Moscow Reactor
NT1 IRT Reactor
NT1 IRT-Sofia Reactor
NT1 Isar Reactor
NT1 Isis Reactor
NT1 Ispra-1 Reactor
NT1 ITR Reactor
NT1 Jamesport-1 Reactor
NT1 Jamesport-2 Reactor
NT1 JANUS Reactor
NT1 JEEP-2 Reactor
NT1 JEN Reactor
NT1 JEN-1 Reactor
NT1 JMTR Reactor
NT1 JPDR Reactor
NT1 JPDR-2 Reactor
NT1 JRR-1 Reactor
NT1 JRR-2 Reactor
NT1 JRR-4 Reactor

NT1 Kaiseraugst Reactor
NT1 KNK Reactor
NT1 KNK-2 Reactor
NT1 Koeberg-2 Reactor
NT1 Kori-1 Reactor
NT1 Kori-2 Reactor
NT1 Koshkonong-1 Reactor
NT1 Koshkonong-2 Reactor
NT1 Kozloduy-1 Reactor
NT1 Kozloduy-2 Reactor
NT1 Krsko Reactor
NT1 Kruemmel Reactor
NT1 KUCA Reactor
NT1 Kuosheng-1 Reactor
NT1 Kuosheng-2 Reactor
NT1 KUR Reactor
NT1 Kursk-1 Reactor
NT1 Kursk-2 Reactor
NT1 LACBWR Reactor
NT1 Laguna Verde-1 Reactor
NT1 Leibstadt Reactor
NT1 Lemoniz-1 Reactor
NT1 Lemoniz-2 Reactor
NT1 Leningrad-1 Reactor
NT1 Leningrad-2 Reactor
NT1 Lido Reactor
NT1 Lingen Reactor
NT1 LITR Reactor
NT1 LPR Reactor
NT1 LPTR Reactor
NT1 Lucens Reactor
NT1 Lucie-1 Reactor
NT1 Lucie-2 Reactor
NT1 Maine Yankee Reactor
NT1 Malibu-1 Reactor
NT1 Marble Hill-1 Reactor
NT1 Marble Hill-2 Reactor
NT1 Maria Reactor
NT1 Marviken Reactor
NT1 Maryla Reactor
NT1 Masurca Reactor
NT1 Melusine-1 Reactor
NT1 Merlin Reactor
NT1 MH-1A Reactor
NT1 Mihama-1 Reactor
NT1 Mihama-2 Reactor
NT1 Millstone-1 Reactor
NT1 Millstone-2 Reactor
NT1 Millstone-3 Reactor
NT1 Minerve Reactor
NT1 MITR Reactor
NT1 ML-1 Reactor
NT1 MNR Reactor
NT1 Montague-1 Reactor
NT1 Montague-2 Reactor
NT1 Monticello Reactor
NT1 MRR Reactor
NT1 MSRE Reactor
NT1 MTR Reactor
NT1 Muehleberg Reactor
NT1 Muelheim-Kaerlich Reactor
NT1 MUR Reactor
NT1 MURR Reactor
NT1 Mutsu Reactor
NT1 N-Reactor
NT1 NCA Reactor
NT1 NCSCR-1 Reactor
NT1 NCSCR-2 Reactor
NT1 NCSCR-3 Reactor
NT1 NCSCR-4 Reactor
NT1 Neckar Reactor
NT1 NEP-1 Reactor
NT1 NEP-2 Reactor
NT1 Nero Reactor
NT1 Neupotz-1 Reactor
NT1 Neupotz-2 Reactor
NT1 Nevada University Reactor
NT1 Newbold Island-1 Reactor
NT1 Newbold Island-2 Reactor
NT1 Niederaichbach Reactor
NT1 Nine Mile Point-1 Reactor
NT1 Nine Mile Point-2 Reactor
NT1 North Anna-1 Reactor
NT1 North Anna-2 Reactor
NT1 North Anna-3 Reactor
NT1 North Anna-4 Reactor
NT1 North Coast-1 Reactor
NT1 NRR Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NSRR Reactor
NT1 NTR Reactor
NT1 Nuclear Furnace Reactor
NT1 Obrigheim Reactor
NT1 OCF Reactor
NT1 Oconee-1 Reactor
NT1 Oconee-2 Reactor
NT1 Oconee-3 Reactor
NT1 OKG-1 Reactor
NT1 OKG-2 Reactor
NT1 Oldbury-B Reactor
NT1 Olkiluoto Reactor
NT1 OMRE Reactor
NT1 ORR Reactor
NT1 Osiris Reactor
NT1 Otto Hahn Reactor
NT1 OWR Reactor
NT1 Oyster Creek-1 Reactor
NT1 Palisades-1 Reactor
NT1 Palo Verde-1 Reactor
NT1 Palo Verde-2 Reactor
NT1 Palo Verde-3 Reactor
NT1 Palo Verde-4 Reactor
NT1 Palo Verde-5 Reactor
NT1 PARR Reactor
NT1 PAT Reactor
NT1 Pathfinder Reactor
NT1 PBR Reactor
NT1 PCTR Reactor
NT1 Peach Bottom-1 Reactor
NT1 Peach Bottom-2 Reactor
NT1 Peach Bottom-3 Reactor
NT1 Pebble Springs-1 Reactor
NT1 Pebble Springs-2 Reactor
NT1 Pegase Reactor
NT1 Peggy Reactor
NT1 Pelinduna Reactor
NT1 Perkins-1 Reactor
NT1 Perkins-2 Reactor
NT1 Perkins-3 Reactor
NT1 Perry-1 Reactor
NT1 Perry-2 Reactor
NT1 Perryman-1 Reactor
NT1 Perryman-2 Reactor
NT1 Phenix Reactor
NT1 Philippsburg-1 Reactor
NT1 Philippsburg-2 Reactor
NT1 Phipps Bend-1 Reactor
NT1 Phipps Bend-2 Reactor
NT1 Pilgrim-1 Reactor
NT1 Pilgrim-2 Reactor
NT1 Pilgrim-3 Reactor
NT1 Pluto Reactor
NT1 PM-2A Reactor
NT1 PM-3A Reactor
NT1 PM-1 Reactor
NT1 PNPF Reactor
NT1 Point Beach-1 Reactor
NT1 Point Beach-2 Reactor
NT1 Prairie Island-1 Reactor
NT1 Prairie Island-2 Reactor
NT1 PRNC-L-77 Reactor
NT1 Proteus Reactor
NT1 PRR Reactor
NT1 PRR-1 Reactor
NT1 PTR Reactor
NT1 Pulstar-Buffalo Reactor
NT1 PUR-1 Reactor
NT1 Quad Cities-1 Reactor
NT1 Quad Cities-2 Reactor
NT1 Quanicassee-1 Reactor
NT1 Quanicassee-2 Reactor
NT1 R-A Reactor
NT1 R-2 Reactor
NT1 R2-0 Reactor
NT1 RA-5 Reactor
NT1 Rana Reactor
NT1 Rancho Seco-1 Reactor
NT1 Rapsodie Reactor
NT1 RB-1 Reactor
NT1 710 Reactor
NT1 Remerschen Reactor
NT1 RG-1M Reactor
NT1 Rheinsberg AKW1 Reactor
NT1 Ringhals-1 Reactor
NT1 Ringhals-2 Reactor
NT1 Ringhals-3 Reactor
NT1 RITMO Reactor
NT1 Robinson-2 Reactor
NT1 ROSPO Reactor
NT1 Rowe Yankee Reactor
NT1 RPT Reactor
NT1 RTS-1 Reactor
NT1 RV-1 Reactor
NT1 RWE-Bayernwerk Reactor
NT1 Safari-1 Reactor
NT1 Salem-1 Reactor
NT1 Salem-2 Reactor
NT1 San Onofre-1 Reactor
NT1 San Onofre-2 Reactor
NT1 San Onofre-3 Reactor
NT1 Saphir Reactor
NT1 Savannah Reactor
NT1 Saxton Reactor
NT1 SBR-1 Reactor
NT1 Schmehausen-2 Reactor
NT1 Seabrook-2 Reactor
NT1 Selni Reactor
NT1 Sequoyah-1 Reactor
NT1 Sequoyah-2 Reactor
NT1 SER Reactor
NT1 SGHWR Reactor
NT1 SHCA Reactor
NT1 Shippingport Reactor
NT1 Shoreham Reactor
NT1 Siloe Reactor
NT1 Siloette Reactor
NT1 Skagit-1 Reactor
NT1 Skagit-2 Reactor
NT1 SL-1 Reactor
NT1 SM-1A Reactor
NT1 SM-1 Reactor
NT1 SMR Reactor
NT1 SNAP 2 Reactor
NT2 S2DS Reactor
NT1 Snap 4 Reactor
NT1 SNAP 8 Reactor
NT2 S8DR Reactor
NT2 S8ER Reactor
NT1 SNAP 10 Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT1 SNAP 50 Reactor
NT1 SNAP-TSF Reactor
NT1 SNAPTRAN Reactors
NT1 South Texas Project-1 Reactor
NT1 South Texas Project-2 Reactor
NT1 SPERT-1 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SPERT-4 Reactor
NT1 SR-OA Reactor
NT1 SR-1 Reactor
NT1 SRE Reactor
NT1 Stade Reactor
NT1 Stanford Pool Reactor
NT1 STEK Reactor
NT1 Sterling-1 Reactor
NT1 Sterling-2 Reactor
NT1 STIR Reactor
NT1 Summit-1 Reactor
NT1 Summit-2 Reactor
NT1 Sundesert-1 Reactor
NT1 Sundesert-2 Reactor
NT1 Super Phenix Reactor
NT1 SUPO Reactor
NT1 SUR-100 Series Reactor
NT1 Surry-1 Reactor
NT1 Surry-2 Reactor
NT1 Surry-3 Reactor
NT1 Surry-4 Reactor
NT1 SUSPOP Reactor
NT1 Susquehanna-1 Reactor
NT1 Susquehanna-2 Reactor
NT1 Takahama-1 Reactor
NT1 Takahama-2 Reactor
NT1 Tarapur-1 Reactor
NT1 Tarapur-2 Reactor
NT1 TCA Reactor
NT1 Thetis Reactor
NT1 THOR Reactor
NT1 Three Mile Island-1 Reactor
NT1 Three Mile Island-2 Reactor

NT1 THTR-300 Reactor
NT1 Tihange Reactor
NT1 Tokai-2 Reactor
NT1 Toshiba Reactor
NT1 TR Reactor
NT1 TR-1 Reactor
NT1 TREAT Reactor
*NT1 TRIGA Type Reactors
NT1 Triton Reactor
NT1 Trojan Reactor
NT1 TRR-1 Reactor
NT1 TSR-1 Reactor
NT1 Tsuruga Reactor
NT1 TTR-2 Reactor
NT1 Tullnerfeld Reactor
NT1 Turkey Point-3 Reactor
NT1 Turkey Point-4 Reactor
NT1 TVO-1 Reactor
NT1 TVO-2 Reactor
NT1 Tyrone-1 Reactor
NT1 Tyrone-2 Reactor
NT1 UCNR Reactor
NT1 UHTREX Reactor
NT1 UKNR Reactor
NT1 UMNE-1 Reactor
NT1 UMRR Reactor
NT1 Unterweser Reactor
NT1 UTRR Reactor
NT1 UVAR Reactor
NT1 UWRR Reactor
NT1 UWTR Reactor
NT1 Vahnum-1 Reactor
NT1 Vahnum-2 Reactor
NT1 VAK Reactor
NT1 VBWR Reactor
NT1 Venus Reactor
NT1 Vermont Yankee Reactor
NT1 Verplanck-1 Reactor
NT1 Verplanck-2 Reactor
NT1 VHTR Reactor
NT1 Vidal-1 Reactor
NT1 Vidal-2 Reactor
NT1 VIPER Reactor
NT1 VK-50 Reactor
NT1 Vrain Reactor
NT1 Watts Bar-1 Reactor
NT1 Watts Bar-2 Reactor
NT1 WNP-1 Reactor
NT1 WNP-2 Reactor
NT2 Hanford-2 Reactor
NT1 WNP-3 Reactor
NT1 WNP-4 Reactor
NT1 WNP-5 Reactor
NT1 Wolf Creek-1 Reactor
NT1 WPIR Reactor
NT1 WR-1 Reactor
NT1 WRRR Reactor
NT1 WTR Reactor
NT1 Wuergassen Reactor
NT1 WUP-3 Reactor
NT1 WUP-4 Reactor
NT1 WUP-5 Reactor
NT1 WUP-6 Reactor
NT1 WWER Type Reactors
NT2 Greifswald-1 Reactor
NT2 Greifswald-2 Reactor
NT2 Greifswald-3 Reactor
NT2 Greifswald-4 Reactor
NT2 Kola-1 Reactor
NT2 Kola-2 Reactor
NT2 Loviisa Reactor
NT2 Loviisa-1 Reactor
NT2 Loviisa-2 Reactor
NT2 PAKS-1 Reactor
NT2 PAKS-2 Reactor
NT2 Rovno-1 Reactor
NT2 Rovno-2 Reactor
NT2 Rovno-3 Reactor
NT2 WWER-1 Reactor
NT2 WWER-2 Reactor
NT2 WWER-3 Reactor
NT2 WWER-4 Reactor
NT2 WWER-5 Reactor
*NT1 WWR Type Reactors
NT1 Wyhl-1 Reactor
NT1 Wyhl-2 Reactor
NT1 XMA-1 Reactor
NT1 Yellow Creek-1 Reactor
NT1 Yellow Creek-2 Reactor
NT1 Zarnowiec Reactor
NT1 ZETR Reactor
NT1 ZEUS Reactor
NT1 Zimmer-1 Reactor
NT1 Zimmer-2 Reactor
NT1 Zion-1 Reactor
NT1 Zion-2 Reactor
NT1 Zorita-1 Reactor
NT1 ZPR Reactor
RT ALECTO Reactor
RT Beloyarsk-3 Reactor
RT BN-350 Reactor
RT Cesar Reactor
RT Clinch River Breeder Reactor
RT EBR-2 Reactor
RT Enriched Uranium
RT EOLE Reactor
RT Nora Reactor
RT PDP Reactor
RT PFR Reactor
RT SNEAK Reactor
RT VERA Reactor
RT ZEBRA Reactor
RT Zenith Reactor

ENRICHMENT
(For isotopic enrichment use ISOTOPE SEPARATION.)
DA April 1975
NT1 Ore Enrichment
NT1 Oxygen Enrichment
RT Isotope Separation
RT Purification
RT Refining

Enrichment (Isotopic)
USE Isotope Separation

Enrichment (Ores)
USE Ore Enrichment

Enrichment Plants (Centrifuge)
DA April 1978
USE Centrifuge Enrichment Plants

Enrico Fermi Nuclear Research Center Reactor
USE Cesnef Reactor

ENRICO FERMI REACTOR
DA January 1975
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
RT NS Enrico Fermi

ENRICO FERMI-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

ENRICO FERMI-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

ENSTATITE
DA March 1976
BT1 Magnesium Silicates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Pyroxenes
BT2 Minerals
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
DEF A common rock forming mineral of the orthpyroxene group: $MgSiO_3$.

ENTERITIS [01]
BT1 Digestive System Diseases
BT2 Diseases
RT Diarrhea
RT Intestines

ENTHALPY [01]
BT1 Thermodynamic Properties
BT2 Physical Properties
NT1 Absorption Heat
NT1 Adsorption Heat
NT1 Mixing Heat
NT1 Reaction Heat
NT2 Combustion Heat
NT2 Dissociation Heat
NT2 Formation Heat
NT1 Solution Heat
NT1 Transition Heat
NT2 Fusion Heat
NT2 Sublimation Heat
NT2 Vaporization Heat
RT Entropy
RT Heating Load
RT Thermodynamics

ENTITLEMENTS PROGRAM
DA June 1977
UF *Domestic Crude Oil Entitlements Program*
RT Allocations
RT Petroleum Refineries
RT Prices
DEF Refiners with unusually large amt. of old (cheaper) crude pay premium to refine it; premium is paid to firms that have primarily higher-cost crude.

Entomology
USE Insects

ENTRAINMENT [01]
RT Babcock and Wilcox-DuPont Process
RT CE Entrained Fuel Process
RT Combined-Cycle FW Process
RT Extraction Apparatuses
RT Impingement
RT Solvent Extraction

Entrainment Separators
DA March 1977
USE Mist Extractors

ENTROPY [01]
BT1 Thermodynamic Properties
BT2 Physical Properties
RT Energy Quality
RT Enthalpy
RT H Theorem
RT Isentropic Processes
RT Thermodynamics

ENVIRONMENT [01]
NT1 Biosphere
RT Accidents
RT Clean Air Act
RT Contamination
RT Controlled Atmospheres
RT Earth Atmosphere
RT Ecosystems
RT Environmental Effects
RT Environmental Exposure Pathway
RT Environmental Impact Statements
RT Environmental Impacts
RT Environmental Policy

RT Environmental Transport
RT Fallout Deposits
RT Habitat
RT Hydrosphere
RT National Environmental Policy Act
RT Nature Reserves
RT Pollution
RT Populations
RT Prevention of Significant Deterioration
RT Preventive Medicine
RT Radiation Protection
RT Radionuclide Migration
RT Reactor Sites
RT Regional Analysis
RT Site Selection

ENVIRONMENTAL EFFECTS
(This descriptor is to be used only when the actual effects to the environment are discussed.)
DA April 1975
RT Air Pollution
RT Environment
RT Environmental Impact Statements
RT Environmental Impacts
RT Environmental Policy
RT Land Pollution
RT Thermal Pollution
RT Water Pollution

ENVIRONMENTAL ENGINEERING [01]
BT1 Engineering
RT Aesthetics
RT Air Conditioning
RT Pollution Control Equipment

Environmental Exposure Chambers
DA October 1977
USE Exposure Chambers

ENVIRONMENTAL EXPOSURE PATHWAY [01]
DA October 1975
RT Biological Models
RT Ecosystems
RT Environment
RT Food Chains

ENVIRONMENTAL IMPACT STATEMENTS [01]
DA January 1975
BT1 Document Types
RT Environment
RT Environmental Effects
RT Environmental Impacts
RT National Environmental Policy Act

ENVIRONMENTAL IMPACTS [01]
(This descriptor is to be used to describe the possible effects on the environment from a proposed project.)
DA January 1977
RT Aesthetics
RT Environment
RT Environmental Effects
RT Environmental Impact Statements
RT Environmental Policy

ENVIRONMENTAL MATERIALS
(Use only for unspecified samples from the environment. See also specific environmental materials.)
DA January 1978
RT Air
RT Atmospheric Precipitations
RT Biological Materials
RT Minerals
RT Monitoring
RT Ores
RT Rocks
RT Sediments
RT Soils
RT Water

Environmental Parks
DA August 1978
USE Nature Reserves

ENVIRONMENTAL POLICY
DA February 1978
BT1 Government Policies
RT Clean Air Act
RT Environment
RT Environmental Effects
RT Environmental Impacts
RT National Environmental Policy Act

Environmental Protection Agency
USE US EPA

Environmental Temperature
DA March 1976
USE Ambient Temperature

ENVIRONMENTAL TRANSPORT
DA November 1976
SF *Heat Dissipation*
BT1 Mass Transfer
NT1 Radionuclide Migration
NT1 Runoff
RT Ecological Concentration
RT Environment
RT Radioecological Concentration
RT Transfrontier Contamination

ENZYMATIC HYDROLYSIS
DA March 1976
BT1 Hydrolysis
BT2 Lysis
BT2 Solvolysis
BT3 Decomposition
BT4 Chemical Reactions
RT Acid Hydrolysis
RT Biodegradation
RT Cellulases
RT Cellulolytic Activity
RT Enzymes
RT Pellicularia
RT Thermoactinomyces
RT Xylanases

ENZYME ACTIVITY
DA August 1978
NT1 Cellulolytic Activity
RT Chemical Reaction Kinetics
RT Enzymes
RT Metabolism

ENZYME INHIBITORS [01]
DA March 1976
UF *Inhibitors (Enzyme)*
RT Enzymes
RT Inhibition
DEF A substance capable of stopping or retarding the action of an enzyme. It usually interacts with the enzyme to reduce the rate of reaction.

ENZYME REACTIVATION
DA November 1976
RT Chemical Activation
RT Enzymes

ENZYMES [01]
NT1 Hydrolases
NT2 Arginase
NT2 Cellulases
NT2 Esterases
NT3 Cholinesterase
NT3 Lipases
NT3 Phosphatases
NT4 Acid Phosphatase
NT4 Alkaline Phosphatase
NT4 ATP-ASE
NT4 DNA-ASE
NT4 Nucleotidases
NT2 Glycosyl Hydrolases
NT3 Amylase
NT3 Galactosidase
NT3 Glucuronidase
NT3 Lysozyme
NT2 Peptide Hydrolases
NT3 Carboxypeptidase
NT3 Cathepsins
NT3 Chymotrypsin
NT3 Fibrinolysin
NT3 Kallikrein
NT3 Papain
NT3 Pepsin
NT3 Renin
NT3 Streptokinase
NT3 Thrombin
NT3 Trypsin
NT3 Urokinase
NT2 Urease
NT2 Xylanases
NT1 Isoenzymes
NT1 Isomerases
NT1 Ligases
NT1 Lyases
NT2 Aldolases
NT2 Carbonic Anhydrase
NT2 Carboxylase
NT2 Decarboxylase
NT2 Hyaluronidase
NT1 Oxidoreductases
NT2 Catalase
NT2 Dehydrogenases
NT3 Diaphorases
NT3 Lactate Dehydrogenase
NT2 Hydrogenase
NT2 Hydroxylase
NT2 Nitrogenases
NT2 Oxidases
NT3 Cytochrome Oxidase
NT3 Histaminase
NT3 Luciferase
NT3 Tyrosinase
NT3 Uricase
NT2 Peroxidases
NT2 Tryptophan Oxygenase
NT1 Polymerases
NT1 Transferases
NT2 Aminotransferases
NT2 Phosphotransferases
NT3 Hexokinase
NT3 Nucleases
NT3 RNA-ase
RT Autolysis
RT Biochemistry
RT Biosynthesis
RT Catalysis
RT Coenzymes
RT Digestion
RT Enzymatic Hydrolysis
RT Enzyme Activity
RT Enzyme Inhibitors
RT Enzyme Reactivation
RT Glycolysis
RT Metabolism
RT Mitochondria
RT Precursor
RT Protein Denaturation
RT Receptors
RT Substrates

Eocene Epoch
DA October 1977
USE Tertiary Period

EOCR REACTOR [01]
UF *Experimental Organic Cooled Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

EOLE REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
RT Enriched Uranium Reactors
RT Natural Uranium Reactors

EOSIN [01]
BT1 Dyes
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Indicators
BT1 Organic Bromine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Phthalic Acid

EOSINOPHILS [01]
BT1 Leukocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials

EPA
USE US EPA

EPCA
DA September 1976
USE Energy Policy and Conservation Act

EPEC REACTOR [01]
BT1 Power Reactors
BT2 Reactors

EPHEDRINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Sympathomimetics
BT2 Drugs

EPIC STORAGE RING [01]
(Electron-Positron(proton) Intersecting Complex.)
DA January 1975
BT1 PEP Storage Rings
BT2 Storage Rings

EPICENTERS
DA October 1978
RT Earthquake Foci
RT Earthquakes
DEF The part of the earth's surface directly above the focus of an earthquake.

EPIDEMIOLOGY [01]
RT A-Bomb Survivors
RT Human Populations
RT Infectious Diseases
RT Preventive Medicine

EPIDERMIS [01]
BT1 Epithelium
BT2 Tissues
BT3 Body
BT1 Skin
BT2 Organs
BT3 Body

EPIDOTES
DA February 1975
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
DEF A mineral, $Ca_2(Al,Fe)_3(SiO_4)_3(OH)$, commonly found in metamorphic rock.

EPILATION [01]
RT Hair
RT Skin

EPILEPSY
DA July 1976
BT1 Diseases

Epinephrine
USE Adrenaline

Epiphysis (Bones)
USE Bone Tissues

Epiphysis (Pineal Gland)
USE Pineal Gland

EPITAXY [01]
RT Crystal Growth
RT Crystallization

EPITHELIOMAS [01]
BT1 Neoplasms
BT2 Diseases
RT Epithelium

EPITHELIUM [01]
BT1 Tissues
BT2 Body
NT1 Epidermis
RT Carcinomas
RT Conjunctiva
RT Crypt Cells
RT Endothelium
RT Epitheliomas
RT Mucous Membranes

EPITHERMAL NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Epithermal Reactors

EPITHERMAL REACTORS [01]
BT1 Reactors
*NT1 Fast Reactors
NT1 Intermediate Reactors
NT2 THOR Reactor
RT Epithermal Neutrons

EPOXIDES [01]
UF *Epoxy Compounds*
UF *Oxirans*
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Araldite
RT Heterocyclic Compounds
RT Resins

Epoxy Compounds
USE Epoxides

EPR
USE Electron Spin Resonance

EPR SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

EPRI
DA January 1977
UF *Electric Power Research Institute*
RT Electric Power
DEF Founded in Palo Alto, CA in 1972 by nation's utilities to develop and carry out broad, coordinated technology program for improving electric power.

Epsilon Resonances
USE Eta-700 Resonances

Epstein-Barr Virus
DA August 1975
USE Oncogenic Viruses

EQUATIONS [01]
NT1 ABFST Equation
NT1 Bethe-Goldstone Equation
NT1 Bethe-Salpeter Equation
NT1 Bloch Equations
NT1 Born-Mayer Equation
NT1 Differential Equations
NT2 BBGKY Equation
NT2 Boltzmann Equation
NT2 Boltzmann-Vlasov Equation
NT2 Continuity Equations
NT2 Dirac-Hestenes Equation
NT2 Equations of Motion
NT2 Fokker-Planck Equation
NT2 Fourier Heat Equation
NT2 Hamilton-Jacobi Equations
NT2 Hill Equation
NT2 Joos-Weinberg Equation
NT2 Korteweg-De Vries Equation
NT2 Lagrange Equations
NT2 Laplace Equation
NT2 Mathieu Equation
NT2 Maxwell Equations
NT2 Navier-Stokes Equation
NT2 Poisson Equation
NT2 Proca Equations
NT2 Riccati Equation
NT2 Schwinger Functional Equations
NT2 Sturm-Liouville Equation
NT2 Wave Equations
NT3 Dirac Equation
NT3 Klein-Gordon Equation
NT3 Schroedinger Equation
NT1 Equations of State
NT1 Faddeev Equations
NT1 Field Equations
NT2 Einstein Field Equations
NT2 Einstein-Maxwell Equations
NT2 sine-Gordon Equation
NT1 Gribov-Lipatov Relation
NT1 Integral Equations
NT2 Blankenbecler-Sugar Equations
NT2 Fredholm Equation
NT2 Lippmann-Schwinger Equation
NT2 Quasipotential Equation
NT2 Volterra Integral Equations
NT1 Kinetic Equations
NT1 Langevin Equation
NT1 London Equation
NT1 Low Equation
NT1 Massey-Mohr Equation
NT1 Percus-Yevick Equation
NT1 Prediction Equations
NT1 Reactor Kinetics Equations
NT2 Response Matrix Method
NT1 Richardson Equation
NT1 Rydberg Equation
NT1 Saha Equation
NT1 Secular Equation
NT1 Selengut-Goertzel Equation
NT1 Sum Rules
NT1 Weil Equation
NT1 Wilkins Equation
RT Functions
RT Galerkin-Petrov Method
RT Mathematics
RT Series Expansion

Equations (Differential)
USE Differential Equations

EQUATIONS OF MOTION [01]
BT1 Differential Equations
BT2 Equations
RT Canonical Transformations

RT Hamilton-Jacobi Equations
RT Hamiltonian Function
RT Harmonic Oscillators
RT Lagrangian Function
RT Mechanics

EQUATIONS OF STATE [01]
BT1 Equations
RT Thermodynamics
RT Virial Equation

EQUATOR [01]
RT Geomagnetic Equator
RT Latitude Effect

Equatorial Electrojets
USE Electrojets

EQUILIBRIUM [01]
NT1 LTE
NT1 Thermal Equilibrium
RT Chemical Reactions
RT Dynamic Function Studies
RT Partition
RT Population Dynamics
RT Reaction Kinetics
RT Stability
RT Thermodynamic Activity
RT Thermodynamics

EQUILIBRIUM PLASMA [01]
BT1 Plasma

EQUIPMENT
(Use of a more specific term is recommended.)
DA January 1975
UF *Apparatus*
UF *Devices*
NT1 Capacitive Energy Storage Equipment
NT1 Compressed Air Energy Storage Equipment
NT1 Control Equipment
NT2 Electric Controllers
NT2 Flow Regulators
NT3 Valves
NT4 Relief Valves
NT4 Water Faucets
NT2 Fluidic Control Devices
NT2 Humidistats
NT2 Hydraulic Control Devices
NT2 Pneumatic Controllers
NT2 Pressure Regulators
NT2 Servomechanisms
NT2 Speed Regulators
NT2 Thermostats
NT3 Cryostats
NT1 Distillation Equipment
NT1 Drilling Equipment
NT2 Coring Equipment
NT2 Drill Bits
NT2 Drill Pipes
NT2 Drills
NT3 Jet Drills
NT3 Rotary Drills
NT3 Spark Drills
NT3 Subterrene Penetrators
NT1 Earthmoving Equipment
NT2 Bucket Wheel Excavators
NT1 Electrical Equipment
NT2 Antennas
NT3 Radio Telescopes
NT3 Rectennas
NT2 Capacitors
NT2 Circuit Breakers
NT2 Conductor Devices
NT3 Connectors
NT3 Electric Cables
NT4 Coaxial Cables
NT4 Cryogenic Cables
NT4 Gas-Insulated Cables
NT4 Oil-Filled Cables
NT4 Superconducting Cables
NT3 Electric Fuses
NT2 Current Limiters
NT2 DC to DC Converters
NT2 Electric Bridges
NT2 Electric Coils
NT3 Magnet Coils
NT4 Pulsed Magnet Coils
NT3 Rogowski Coil
NT3 Solenoids
NT2 Electric Contacts
NT2 Electric Measuring Instruments
NT3 Ammeters
NT3 Electrometers
NT3 Electroscopes
NT3 Galvanometers
NT3 Potentiometers
NT3 Power Meters
NT3 Voltmeters
NT2 Electrical Insulators
NT2 Electromagnets
NT3 Septum Magnets
NT3 Superconducting Magnets
NT2 Inverters
NT2 Lighting Systems
NT2 Lightning Arresters
NT2 Potheads
NT2 Rectifiers
NT3 Rectifier Tubes
NT4 Capacitrons
NT4 Ignitrons
NT3 Semiconductor Rectifiers
NT2 Relays
NT2 Resistors
NT3 Photoresistors
NT3 Rheostats
NT3 Semiconductor Resistors
NT2 Rotating Generators
NT2 Shunt Reactors
NT2 Switches
NT3 Semiconductor Switches
NT2 Transformers
NT1 Farm Equipment
NT1 Heat Recovery Equipment
NT1 Hydraulic Equipment
NT1 Magnetic Energy Storage Equipment
NT1 Military Equipment
NT2 Ordnance
NT1 Mining Equipment
NT2 Bucket Wheel Excavators
NT2 Cutter Loaders
NT3 Coal Plows
NT3 Continuous Miners
NT3 Heading Machines
NT2 Roof Bolts
NT1 Mullers
NT1 Optical Equipment
NT2 Optical Scanners
NT1 Particle Size Classifiers
NT1 Pollution Control Equipment
NT2 Afterburners
NT2 Air Filters
NT2 Baghouses
NT2 Catalytic Converters
NT2 Electrostatic Precipitators
NT2 Exhaust Recirculation Systems
NT2 Inertial Separators
NT3 Cyclone Separators
NT2 Oil Retention Booms
NT2 PCV Systems
NT2 Rotating Disk Removal Systems
NT2 Scrubbers
NT2 Skimmers
NT2 Weir Oil Recovery Systems
NT1 Thermal Energy Storage Equipment
NT1 Well Logging Equipment
NT1 Winding Machines
RT Warranties

EQUIPMENT INTERFACES [01]
UF *Interfaces (Equipment)*
RT CAMAC System
RT Computers
RT Data Transmission
RT Electronic Equipment

EQUIPMENT PROTECTION DEVICES [01]
NT1 Circuit Breakers
NT1 Electric Fuses
RT Cryostats
RT Reactor Protection Systems
RT Relays
RT Safeguards
RT Switches

EQUIVALENCE PRINCIPLE [01]
RT General Relativity Theory
RT Gravitational Fields
RT Mass

EQUIVALENT CIRCUITS [01]
BT1 Electronic Circuits

EQUIVALENT FISSION FLUENCE [01]
DA March 1978
BT1 Damaging Neutron Fluence
BT2 Neutron Fluence
RT Irradiation
RT Neutronic Damage Functions
RT Physical Radiation Effects

EQUIVALENT-PHOTON APPROXIMATION [01]
DA April 1975
UF *Williams-Weizsaecker Approximation*
RT Photon-Photon Interactions
RT Quantum Electrodynamics

ERBIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

ERBIUM 150 [01]
DA November 1976
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 151 [01]
DA January 1975
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

ERBIUM 152 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 153 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 154 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 155 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 156 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 157 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 158 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 159 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 160 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 161 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 162 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 163 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 164 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 165 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 166 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 167 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 168 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 169 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 170 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

ERBIUM 171 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 172 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM 173 [01]
BT1 Erbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

ERBIUM ADDITIONS [01]
BT1 Erbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

ERBIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Erbium Additions
NT1 Erbium Base Alloys

ERBIUM BASE ALLOYS [01]
BT1 Erbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

ERBIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Erbium Compounds
BT2 Rare Earth Compounds

ERBIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Erbium Compounds
BT2 Rare Earth Compounds

ERBIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Erbium Compounds
BT2 Rare Earth Compounds

ERBIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Erbium Compounds
BT2 Rare Earth Compounds

ERBIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Erbium Compounds
BT2 Rare Earth Compounds

ERBIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

ERBIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Erbium Borides
NT1 Erbium Bromides
NT1 Erbium Carbides
NT1 Erbium Carbonates
NT1 Erbium Chlorides
NT1 Erbium Fluorides
NT1 Erbium Hydrides
NT1 Erbium Hydroxides
NT1 Erbium Iodides
NT1 Erbium Nitrates
NT1 Erbium Nitrides
NT1 Erbium Oxides
NT1 Erbium Perchlorates
NT1 Erbium Phosphides
NT1 Erbium Selenides
NT1 Erbium Silicides
NT1 Erbium Sulfates
NT1 Erbium Sulfides
NT1 Erbium Tellurides

ERBIUM FLUORIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

ERBIUM HYDRIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

ERBIUM HYDROXIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

ERBIUM IODIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

ERBIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ERBIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Erbium 150
NT1 Erbium 151
NT1 Erbium 152
NT1 Erbium 153
NT1 Erbium 154
NT1 Erbium 155
NT1 Erbium 156
NT1 Erbium 157
NT1 Erbium 158
NT1 Erbium 159
NT1 Erbium 160
NT1 Erbium 161
NT1 Erbium 162
NT1 Erbium 163
NT1 Erbium 164
NT1 Erbium 165
NT1 Erbium 166
NT1 Erbium 167
NT1 Erbium 168
NT1 Erbium 169
NT1 Erbium 170
NT1 Erbium 171
NT1 Erbium 172
NT1 Erbium 173

ERBIUM NITRATES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

ERBIUM NITRIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

ERBIUM OXIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

ERBIUM PERCHLORATES
DA October 1975
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

ERBIUM PHOSPHIDES
DA August 1978
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

ERBIUM SELENIDES [01]
DA December 1977
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

ERBIUM SILICIDES [01]
DA December 1975
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

ERBIUM SULFATES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

ERBIUM SULFIDES [01]
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

ERBIUM 162 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM 163 TARGET [01]
DA March 1979
BT1 Targets

ERBIUM 164 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM 165 TARGET [01]
DA March 1979
BT1 Targets

ERBIUM 166 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM 167 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM 168 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM 170 TARGET [01]
DA July 1976
BT1 Targets

ERBIUM TELLURIDES
DA November 1977
BT1 Erbium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

EREVAN SYNCHROTRON [01]
UF *EKU*
UF *Yerevan Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

ERGOCALCIFEROL [01]
UF *Vitamin D-2*
BT1 Vitamin D
BT2 Vitamins

ERGODIC HYPOTHESIS [01]
BT1 Hypothesis
RT Phase Space
RT Probability
RT Statistical Mechanics

ERGOSTEROL [01]
BT1 Sterols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Steroids
BT3 Organic Compounds

ERGOTAMINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Sympatholytics
BT2 Drugs
RT Indoles

Ericson Fluctuations
USE Ericson Theory

ERICSON THEORY [01]
UF *Ericson Fluctuations*
RT Random Phase Approximation

ERIE-1 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ERIE-2 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ERIOCHROME DYES [01]
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

ERIOGLAUCINE [01]
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Indicators
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

ERMINE REACTOR [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

EROSION [01]
RT Ablation
RT Abrasion
RT Corrosion
RT Ground Cover
RT Soil Conservation
RT Wear

ERR REACTOR [01]
UF *Elk River Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors

ERRORS [01]
(For the concept of mistakes; not for DATA COVARIANCES.)
RT Accuracy
RT Comparative Evaluations
RT Corrections
RT Data Covariances
RT Performance
RT Quality Control
RT Reliability
RT Resolution
RT Sensitivity Analysis

ERUPTION
DA August 1976
RT Volcanism
DEF The ejection of volcanic materials (lava, pyroclastics, and volcanic gases) onto the Earth's surface.

ERUPTIVE VARIABLE STARS [01]
DA December 1978
BT1 Variable Stars
BT2 Stars
NT1 Novae
NT1 Supernovae
NT1 T Tauri Stars

ERYTHEMA [01]
BT1 Symptoms
RT Skin
RT Skin Diseases

ERYTHRITOL [01]
UF *Tetrahydroxybutane*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

Erythroblasts
USE Bone Marrow Cells

ERYTHROCYTES [01]
BT1 Blood Cells
BT2 Blood
BT3 Body Fluids
BT4 Biological Materials
NT1 Reticulocytes
RT Anemias
RT Babesidae
RT Blood Groups
RT Hemagglutinins
RT Hemoglobin
RT Hemolysis
RT Megaloblastic Anemia

ERYTHROMYCIN [01]
BT1 Antibiotics
BT2 Drugs

ERYTHROPOIESIS [01]
BT1 Blood Formation
RT Erythropoietin
RT Hematopoietic System

ERYTHROPOIETIN [01]
RT Erythropoiesis
RT Hormones

ERYTHROSINE [01]
DA September 1975
BT1 Fluorescein
BT2 Dyes
BT2 Hydroxy Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT2 Polyphenols
BT3 Phenols
BT4 Aromatics
BT5 Organic Compounds
BT4 Hydroxy Compounds
BT5 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

ESADA-VESR REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ESARDA [01]
DA November 1976
UF *European Safeguard Research Development Association*
BT1 International Organizations

ESCA
USE Electron Spectroscopy

ESCAPE PEAKS [01]
BT1 Peaks
RT Gamma Spectra

ESCAR
(Experimental SuperConducting Accelerating Ring: proton synchrotron and storage ring using superconducting magnets at LBL.)
DA November 1975
UF *Berkeley Escar Storage Ring*
BT1 Storage Rings
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

ESCHERICHIA COLI [01]
BT1 Bacteria
BT2 Microorganisms
RT Coliforms
RT Intestines

ESCOM REACTOR [01]
UF *Electricity Supply Company Reactor*
BT1 Power Reactors
BT2 Reactors

Escom-1 Reactor
DA December 1975
USE Koeberg-1 Reactor

ESERINE [01]
UF *Physostigmine*
BT1 Alkaloids
BT2 Organic Compounds
BT1 Parasympathomimetics
BT2 Drugs

ESKIMOS [01]
BT1 Human Populations
BT2 Populations
RT Arctic Regions
RT Lapps

ESOPHAGUS [01]
BT1 Digestive System
BT1 Organs
BT2 Body
RT Mediastinum

ESR
USE Electron Spin Resonance

ESRO [01]
UF *European Space Research Organization*
BT1 International Organizations

Esrom Event
DA June 1977
USE Anvil Project

ESSENTIAL OILS [01]
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Plants

ESSEX I PROJECT [01]
DA August 1975
BT1 Underground Explosions
BT2 Explosions

ESSOR REACTOR [01]
UF *Orgel Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ESTERASES [01]
BT1 Hydrolases
BT2 Enzymes
NT1 Cholinesterase
NT1 Lipases
NT1 Phosphatases
NT2 Acid Phosphatase
NT2 Alkaline Phosphatase
NT2 ATP-ASE
NT2 DNA-ASE
NT2 Nucleotidases
RT Esters

ESTERIFICATION [01]
BT1 Chemical Reactions
RT Esters

ESTERS [01]
(Includes esters of organic and inorganic acids.)
BT1 Organic Compounds
NT1 Acetylcholine
NT1 Carbonic Acid Esters
NT1 Carboxylic Acid Esters
NT2 Acetic Acid Esters
NT3 Isopentyl Acetate
NT2 Acetoacetic Acid Esters
NT2 Acrylic Acid Esters
NT2 Bromosulfophthalein
NT2 Carbamic Acid Esters
NT2 Citric Acid Esters
NT2 Glucoheptonate
NT2 Malathion
NT2 Methacrylic Acid Esters
NT3 Methyl Methacrylate
NT2 Oxalic Acid Esters
NT2 Phenolphthalein
NT2 Tartaric Acid Esters
NT1 Cellulose Esters
NT1 Cystaphos
NT1 Isocyanic Acid Esters
NT1 Lactones
NT2 Coumarin
NT2 Gibberellic Acid
NT1 Lanolin
NT1 Nitric Acid Esters
NT2 Nitrocellulose
NT2 Nitroglycerin
NT2 Peroxyacetyl Nitrate
NT2 PETN
NT1 Nitrous Acid Esters
NT1 Phosphinic Acid Esters
NT1 Phospholipids
NT2 Cardiolipin
NT2 Cephalins
NT2 Lecithins
NT2 Sphingomyelins
NT1 Phosphonic Acid Esters
NT2 DAMPA
NT1 Phosphoric Acid Esters
NT2 Butyl Phosphates
NT3 DBP
NT3 TBP
NT2 HDEHP
NT2 MDPA
NT2 Phytic Acid
NT2 TCP
NT1 Phthalic Acid Esters
NT1 Polyacrylates
NT2 Lucite
NT2 Perspex
NT2 Plexiglas
NT1 Polyesters
NT2 Dacron
NT2 Homalite
NT2 Laminac
NT2 Mylar
NT1 Sulfonic Acid Esters
NT2 ABS
NT2 EMS
NT2 Methyl Methanesulfonate
NT2 Petroleum Sulfonates
NT1 Sulfuric Acid Esters
NT1 Thiophosphoric Acid Esters
NT2 Gammaphos
NT2 Parathion
NT1 Triglycerides
NT2 Butter Fat
NT2 Corn Oil
NT2 Croton Oil
NT2 Linseed Oil
NT2 Olive Oil
NT2 Peanut Oil
NT2 Soybean Oil
NT2 Triolein
RT Carboxylic Acid Salts
RT Claisen Condensation
RT Esterases
RT Esterification
RT Hydrolysis
RT Lipids

Esthetics
DA March 1978
USE Aesthetics

ESTRADIOL [01]
BT1 Estranes
BT2 Steroids
BT3 Organic Compounds
BT1 Estrogens
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds

ESTRANES [01]
BT1 Steroids
BT2 Organic Compounds
NT1 Estradiol
NT1 Estriol
NT1 Estrone
RT Estrogens

ESTRIOL [01]
BT1 Estranes
BT2 Steroids
BT3 Organic Compounds
BT1 Estrogens
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds

ESTROGENS [01]
BT1 Steroid Hormones
BT2 Hormones
NT1 Estradiol
NT1 Estriol
NT1 Estrone
RT Castration
RT Estranes
RT Estrous Cycle
RT FSH
RT Ovaries
RT Stilbestrol

ESTRONE [01]
BT1 Estranes
BT2 Steroids
BT3 Organic Compounds
BT1 Estrogens
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

ESTROUS CYCLE [01]
RT Estrogens
RT Female Genitals
RT LH
RT Menopause
RT Menstruation Disorders
RT Ovulation
RT Rhythmicity

ESTUARIES [01]
BT1 Surface Waters
RT Coastal Waters
RT Eutrophication
RT Fresh Water
RT Offshore Nuclear Power Plants
RT Offshore Sites
RT Rivers
RT Salinity
RT Seas
RT Seawater

Estuarine Ecosystems
USE Aquatic Ecosystems

Estuary Event
DA June 1977
USE Anvil Project

Eta-549
USE Eta Mesons

ETA MESON BEAMS [01]
BT1 Meson Beams
BT2 Particle Beams
BT3 Beams

ETA MESONS [01]
UF *Eta-549*
BT1 Pseudoscalar Mesons
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles

ETA-700 RESONANCES [01]
UF *Epsilon Resonances*

BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

ETA-958 RESONANCES [01]
UF *X-Zero Resonances*
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Pseudoscalar Mesons
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles

ETA-1060 RESONANCES [01]
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

ETCHING [01]
BT1 Surface Finishing
RT Ceramography
RT Metallography

Ethanal
USE Acetaldehyde

ETHANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds
RT DDT

1,2-Ethanedial
USE Glyoxal

1,2-Ethanediol
USE Glycols

1,2-Ethanedithiol
USE Dithiols

ETHANOL [01]
UF *Cologne Spirits*
UF *Ethyl Alcohol*
UF *Fermentation Alcohol*
UF *Grain Alcohol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Gasohol Program

Ether
USE Ethyl Ether

ETHERS [01]
UF+ *Ethocel*
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Acetals
NT2 Acetal
NT1 Anisole
NT1 Batyl Alcohol
NT1 Butyl Ether
NT1 Carbitols
NT1 Cellosolves
NT1 Curcumin
NT1 DME
NT1 Ethyl Ether
NT1 Ioglycamic Acid
NT1 Isopropyl Ether
NT1 Methyl Ether
NT1 Methylal
NT1 Mexamine
NT1 Morpholines
NT1 Phenyl Ether
RT Polyethylene Glycols
RT Tetrahydropyran
RT Thyronine
RT Thyroxine

ETHICS
DA March 1978
RT Public Opinion
RT Social Impact
RT Sociology

Ethine
USE Acetylene

ETHIONINE [01]
UF *Ethylmercaptoaminobutyric Acid*
UF *Ethylthioaminobutyric Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Lipotropic Factors
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

ETHIOPIA [01]
BT1 Africa
RT Red Sea

Ethocel
USE Cellulose
AND Ethers

ETHOXY RADICALS [01]
BT1 Alkoxy Radicals
BT2 Radicals

Ethyl Alcohol
USE Ethanol

ETHYL ETHER [01]
UF *Diethyl Ether*
UF *Ether*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Organic Solvents

Ethyl Methanesulfonate
USE EMS

ETHYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Ethylaldehyde
USE Acetaldehyde

ETHYLENE [01]
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

Ethylene Glycol
USE Glycols

Ethylene Polymers
USE Polyethylenes

Ethylenecarboxylic Acid
USE Acrylic Acid

Ethylenediaminetetraacetic Acid
USE EDTA

Ethylmercaptoaminobutyric Acid
USE Ethionine

Ethylthioaminobutyric Acid
USE Ethionine

Ethyne
USE Acetylene

ETHYRONE
DA May 1975
UF *Ethyroneethyl Phosphinate*
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

Ethyroneethyl Phosphinate
DA May 1975
USE Ethyrone

ETIOLOGY [01]
(In life sciences only.)
RT Diseases

ETIOPORPHYRINS
DA January 1975
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

ETR REACTOR [01]
UF *Engineering Test Reactor*
UF *NRTS-ETR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ETRC REACTOR [01]
UF *Engineering Test Reactor Critical Facility*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ETTINGHAUSEN EFFECT [01]
RT Hall Effect

EUCALYPTUSES [01]
DA March 1978
BT1 Trees
BT2 Plants

Euclidean Quantum Field Theory
DA March 1978
USE Constructive Field Theory

EUCLIDEAN SPACE [01]
BT1 Riemann Space
BT2 Mathematical Space
BT3 Space

EUDIALYTE [01]
DA October 1975

BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

Euflavine
USE Acriflavine

EUGENE REACTOR [01]
BT1 Power Reactors
BT2 Reactors

EUGLENA [01]
BT1 Unicellular Algae
BT2 Algae
BT3 Plants
BT2 Microorganisms

EUPHORBIA
DA July 1979
BT1 Plants
DEF Latex-bearing plants;possible source of hydrocarbons.

EURATOM [01]
UF *European Atomic Energy Community*
BT1 European Communities
BT2 International Organizations
RT Europe

EUREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Amines
RT Solvent Extraction

EUROCHEMIC [01]
RT Reprocessing

EURODIF [01]
(International association founded in March, 1972 to promote the construction of a European gaseous diffusion plant.)
DA December 1975
BT1 International Organizations
RT Gaseous Diffusion Plants

EUROPE [01]
NT1 Albania
NT1 Austria
NT1 Belgium
NT1 Bulgaria
NT1 Czechoslovakia
NT1 France
NT1 German Democratic Republic
NT1 German Federal Republic
NT1 Greece
NT1 Hungary
NT1 Iceland
NT1 Ireland
NT1 Italy
NT2 Appennines
NT1 Luxembourg
NT1 Monaco
NT1 Netherlands
NT1 Poland
NT1 Portugal
NT2 Azores Islands
NT1 Romania
NT1 Scandinavia
NT2 Denmark
NT2 Finland
NT2 Norway
NT2 Sweden
NT1 Spain
NT2 Canary Islands
NT1 Switzerland
NT1 United Kingdom
NT1 USSR
NT2 Byelorussian SSR
NT2 Caucasus
NT2 Crimea
NT2 Dubna
NT2 Kamchatka
NT2 Kurile Islands
NT2 Lovozero
NT2 Siberia
NT2 Ukrainian SSR
NT1 Yugoslavia
RT EURATOM

European Atomic Energy Community
USE EURATOM

European Coal and Steel Community
USE ECSC

EUROPEAN COMMUNITIES [01]
BT1 International Organizations
NT1 Common Market
NT1 ECSC
NT1 EURATOM

European Economic Community
USE Common Market

European Exhibit Reactor
USE EER Reactor

European Nuclear Energy Agency
USE ENEA

European Organization for Nuclear Research
USE CERN

European Safeguard Research Development Association
DA November 1976
USE ESARDA

European Space Research Organization
USE ESRO

EUROPIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

EUROPIUM 138 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 139 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 140 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 141 [01]
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 142 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 143 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 144 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 145 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 146 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 147 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 148 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 149 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 150 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 151 [01]
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

EUROPIUM 152 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 153 [01]
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

EUROPIUM 154 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 155 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

EUROPIUM 156 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 157 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 158 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 159 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei

BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM 160 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Europium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

EUROPIUM ADDITIONS [01]
BT1 Europium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

EUROPIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Europium Additions
NT1 Europium Base Alloys

EUROPIUM ARSENIDES
DA August 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM BASE ALLOYS [01]
BT1 Europium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

EUROPIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Europium Compounds
BT2 Rare Earth Compounds

EUROPIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

EUROPIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Europium Arsenides
NT1 Europium Borides
NT1 Europium Bromides
NT1 Europium Carbides
NT1 Europium Carbonates
NT1 Europium Chlorides
NT1 Europium Fluorides
NT1 Europium Hydrides
NT1 Europium Hydroxides
NT1 Europium Iodides
NT1 Europium Nitrates
NT1 Europium Nitrides
NT1 Europium Oxides
NT1 Europium Perchlorates
NT1 Europium Phosphates
NT1 Europium Phosphides
NT1 Europium Selenides
NT1 Europium Silicates
NT1 Europium Silicides
NT1 Europium Sulfates
NT1 Europium Sulfides
NT1 Europium Tellurides

EUROPIUM FLUORIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

EUROPIUM HYDRIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

EUROPIUM HYDROXIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

EUROPIUM IODIDES [01]
DA April 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

EUROPIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

EUROPIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Europium 138
NT1 Europium 139
NT1 Europium 140
NT1 Europium 141
NT1 Europium 142
NT1 Europium 143
NT1 Europium 144
NT1 Europium 145
NT1 Europium 146
NT1 Europium 147
NT1 Europium 148
NT1 Europium 149
NT1 Europium 150
NT1 Europium 151
NT1 Europium 152
NT1 Europium 153
NT1 Europium 154
NT1 Europium 155
NT1 Europium 156
NT1 Europium 157
NT1 Europium 158
NT1 Europium 159
NT1 Europium 160

EUROPIUM NITRATES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

EUROPIUM NITRIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

EUROPIUM OXIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

EUROPIUM PERCHLORATES
DA October 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

EUROPIUM PHOSPHATES [01]
DA December 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

EUROPIUM PHOSPHIDES
DA November 1977
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

EUROPIUM SELENIDES [01]
DA September 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

EUROPIUM SILICATES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

EUROPIUM SILICIDES [01]
DA December 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

EUROPIUM SULFATES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

EUROPIUM SULFIDES [01]
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

EUROPIUM 151 TARGET [01]
DA July 1976
BT1 Targets

EUROPIUM 152 TARGET [01]
DA December 1977
BT1 Targets

EUROPIUM 153 TARGET [01]
DA July 1976
BT1 Targets

EUROPIUM 154 TARGET [01]
DA March 1978

BT1 Targets

EUROPIUM TELLURIDES [01]
DA September 1975
BT1 Europium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

EUTECTICS [01]
RT Monotectics
RT Phase Diagrams
RT Phase Transformations

EUTECTOIDS [01]
RT Monotectoids
RT Phase Diagrams
RT Phase Transformations

EUTROPHICATION [01]
DA August 1976
RT Algae
RT Aquatic Ecosystems
RT Estuaries
RT Fertilizers
RT Lakes
RT Nutrients
RT Water Pollution

EUXENITE
DA January 1975
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

EV RANGE [01]
BT1 Energy Range
NT1 EV Range 01-10
NT1 EV Range 10-100
NT1 EV Range 100-1000
NT1 Milli EV Range

EV RANGE 01-10 [01]
BT1 EV Range
BT2 Energy Range

EV RANGE 10-100 [01]
BT1 EV Range
BT2 Energy Range

EV RANGE 100-1000 [01]
BT1 EV Range
BT2 Energy Range

EVACUATED COLLECTORS
DA March 1978
BT1 Solar Collectors
NT1 Evacuated Tube Collectors

EVACUATED TUBE COLLECTORS
DA March 1978
BT1 Evacuated Collectors
BT2 Solar Collectors

EVALUATED DATA [01]
DA February 1979
BT1 Numerical Data
BT2 Data
BT3 Information
RT Nuclear Data Collections

EVALUATION
DA June 1976
RT Comparative Evaluations
RT Forecasting

EVANS BLUE [01]
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Reagents
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

EVAPORATION [01]
UF *Vaporization*
UF *Volatilization*
BT1 Phase Transformations
NT1 Flashing
NT1 Sublimation
RT Blowoff
RT Boiling
RT Dehydration
RT Distillation
RT Drying
RT Evaporative Cooling
RT Evaporators
RT Flash Heating
RT Spray Drying
RT Transpiration
RT Vaporization Heat
RT Vapors
RT Waste Processing

EVAPORATION MODEL [01]
UF *Nuclear Evaporation*
BT1 Nuclear Models
BT2 Mathematical Models
NT1 Weisskopf Model
RT Compound-Nucleus Reactions
RT Nuclear Fireball Model
RT Nuclear Temperature
RT Precompound-Nucleus Emission

EVAPORATIVE COOLING [01]
DA October 1975
BT1 Cooling
RT Cold Storage
RT Cooling Systems
RT Cooling Towers
RT Evaporation

EVAPORATORS [01]
NT1 Solar Stills
RT Counterflow Systems
RT Crossflow Systems
RT Desalination
RT Distillation
RT Evaporation
RT Heat Exchangers
RT Vapor Condensers

***EVEN-EVEN NUCLEI [01]**
(Even protons even neutrons; for specific terms, consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

***EVEN-ODD NUCLEI [01]**
(Even protons odd neutrons; for specific terms, consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

Event Tree Analysis
DA June 1975
USE Failure Mode Analysis

EVERGLADES NATIONAL PARK
DA October 1975
BT1 Public Lands
RT Florida

Evolution
DA February 1978
USE Biological Evolution

EVSR REACTOR [01]
UF *Vallecitos Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

EWA REACTOR [01]
DA April 1975
UF *Swierk EWA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

EXCAVATION [01]
NT1 Nuclear Excavation
RT Cavities
RT Construction
RT Craters
RT Dredging
RT Earthmoving Equipment
RT Explosions
RT Foundations
RT Mining
RT Nuclear Explosions
RT Schooner Event
RT Shaft Excavations
RT Subterrene Penetrators
RT Surface Mining
RT Tunnels
RT Underground Mining

Excavators
DA May 1978
USE Earthmoving Equipment

EXCER PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Exchange (Charge)
USE Charge Exchange

Exchange (Electron)
USE Electron Exchange

Exchange (Heat)
USE Heat Transfer

Exchange (Ion)
USE Ion Exchange

Exchange (Isotopic)
USE Isotopic Exchange

EXCHANGE DEGENERACY [01]
RT Regge Poles

EXCHANGE INTERACTIONS [01]
(Not for chemical reactions.)
BT1 Interactions
RT CIM Model
RT Morrison Rule
RT Quark-Hadron Interactions
RT Spin Exchange

Exchange Models
USE Peripheral Models

Excision Repair
USE Biological Repair

EXCITATION [01]
BT1 Energy-Level Transitions
NT1 Coulomb Excitation
RT Activation Energy
RT Chemical Activation
RT De-Excitation
RT Excited States
RT Fission Barrier
RT Optical Pumping
DEF Addition of energy to a nuclear, atomic or molecular system transferring it to another energy state.

EXCITATION FUNCTIONS [01]
BT1 Cross Sections
RT Gerjuoy-Stein Theory
RT Nuclear Reactions

EXCITATION SYSTEMS
DA April 1978
UF *Exciters*
RT Control Equipment
RT Electric Currents
RT Electric Fields

RT Electric Generators
RT Electrical Equipment
DEF Equipment for providing field current for an a-c generator.

EXCITED STATES [01]
BT1 Energy Levels
NT1 Metastable States
NT1 Rotational States
NT1 Vibrational States
RT Excitation

Exciters
DA April 1978
USE Excitation Systems

EXCITON MODEL
DA May 1979
BT1 Nuclear Models
BT2 Mathematical Models
RT Nuclear Reactions
RT Precompound-Nucleus Emission

EXCITONS [01]
BT1 Quasi Particles

Exclusion Principle
USE Pauli Principle

EXCLUSIVE INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
RT Inclusive Interactions
DEF The group of all interactions of two particles producting a specific final state but excluding the final-state particle itself.

EXCRETION [01]
UF+ *Excretion Analysis*
BT1 Clearance
NT1 Exhalation
NT1 Lung Clearance
NT1 Renal Clearance
RT Biological Wastes
RT Body Fluids
RT Feces
RT Glands
RT Kidneys
RT Large Intestine
RT Lavage
RT Phagocytosis
RT Physiology
RT Radionuclide Kinetics
RT Retention
RT Secretion
RT Sweat
RT Urinary Tract
RT Urine

Excretion Analysis
USE Excretion
AND Personnel Monitoring

Excretion Functions
USE Retention Functions

EXCURSIONS [01]
UF *Power Excursions*
UF *Runaway (Reactor Accident)*
BT1 Reactor Accidents
BT2 Accidents
RT Hazards
RT Reactors

EXERCISE [01]
UF *Physical Effort*
UF *Swimming*
RT Biological Fatigue
RT Biological Stress
RT Muscles

EXHALATION [01]
BT1 Excretion
BT2 Clearance
RT Breath
RT Lung Clearance

Exhaust Gas Recirculation Systems
DA January 1976
USE Exhaust Recirculation Systems

EXHAUST GASES
DA April 1975
BT1 Gaseous Wastes
BT2 Wastes
RT Afterburners
RT Automobiles
RT Catalytic Converters
RT Combustion Products
RT Exhaust Recirculation Systems
RT Exhaust Systems
RT Federal Test Procedure
RT Gasohol
RT Internal Combustion Engines

EXHAUST RECIRCULATION SYSTEMS
DA January 1976
UF *EGR Systems*
UF *Exhaust Gas Recirculation Systems*
BT1 Exhaust Systems
BT1 Pollution Control Equipment
BT2 Equipment
RT Air Pollution
RT Automobiles
RT Combustion
RT Exhaust Gases

EXHAUST SYSTEMS
DA March 1977
NT1 Exhaust Recirculation Systems
RT Exhaust Gases

EXHIBITS
DA May 1979
RT Educational Facilities
RT Educational Tools

EXOELECTRON DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments

EXOELECTRONS [01]
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions

EXOSKELETON [01]
BT1 Skeleton
BT2 Organs
BT3 Body
RT Echinoderms

EXOSPHERE [01]
BT1 Earth Atmosphere

Exotic Atoms
USE Hadronic Atoms

EXOTIC RESONANCES [01]
BT1 Resonance Particles
BT2 Hadrons
BT3 Elementary Particles
NT1 A4-1960 Resonances
NT1 Eta-1060 Resonances
NT1 K-1775 Resonances
NT1 Rho-1250 Resonances
NT1 S-1930 Resonances
NT1 T-2200 Resonances
NT1 U-2375 Resonances
NT1 Z*Resonances
RT Quark Model
DEF Resonance states not accommodated by the naive quark model.

EXPANSION [01]
(Increase in size or volume.Not for SERIES EXPANSION.)
NT1 Plasma Expansion
NT1 Thermal Expansion
RT Augmentation
RT Contraction
RT Cosmological Models
RT Elongation
RT Hubble Effect
RT Solar Wind
RT Swelling

EXPANSION CHAMBERS [01]
BT1 Cloud Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

EXPANSION JOINTS [01]
DA December 1975
BT1 Joints
RT Bellows
RT Contraction
RT Pipe Fittings
RT Pipe Joints
RT Thermal Expansion

EXPECTATION VALUE [01]
RT Eigenfunctions
RT Eigenvalues
RT Probability
RT Quantum Mechanics
RT Statistics

Experience Critique Orgel
USE ECO Reactor

EXPERIMENT PLANNING
DA September 1975
BT1 Planning
RT Demonstration Programs
RT Research Programs

Experimental Beryllium Oxide Reactor
USE EBOR Reactor

Experimental Boiling Water Reactor
USE EBWR Reactor

Experimental Breeder Reactor-1
USE EBR-1 Reactor

Experimental Breeder Reactor-2
USE EBR-2 Reactor

EXPERIMENTAL CHANNELS [01]
UF *Irradiation Channels*
BT1 Reactor Channels
BT2 Reactor Components
BT1 Reactor Experimental Facilities
BT2 Reactor Components
RT In Pile Loops
RT Irradiation Capsules

EXPERIMENTAL DATA [01]
DA February 1979
BT1 Numerical Data
BT2 Data
BT3 Information

Experimental Facilities (Accelerator)
USE Accelerator Facilities

Experimental Facilities (Reactor)
DA March 1977
USE Reactor Experimental Facilities

Experimental Gas Cooled Reactor
USE EGCR Reactor

EXPERIMENTAL NEOPLASMS [01]
UF *Jensen Sarcoma*
UF *Walker Carcinoma*
UF *Yoshida Sarcoma*
BT1 Neoplasms
BT2 Diseases
NT1 Ehrlich Ascites Tumor
RT Leukemia Viruses

Experimental Organic Cooled Reactor
USE EOCR Reactor

Experimental Propulsion Test Reactor
SEE Tory-2A Reactor
OR Tory-2C Reactor

EXPERIMENTAL REACTORS [01]
(For engineering testing of reactor components such as : FUEL ELEMENTS, COOLING SYSTEMS, etc.)
BT1 Research and Test Reactors
BT2 Reactors
NT1 APS Reactor
NT1 ARBUS Reactor
NT1 ATRC Reactor
NT1 BER-1 Reactor

NT1 Bilibin Reactor
NT1 BOR-60 Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BR-3-VN Reactor
NT1 Cesar Reactor
NT1 CP-1 Reactor
NT1 DFR Reactor
NT1 Dragon Reactor
NT1 EBR-1 Reactor
NT1 EBR-2 Reactor
NT1 EBWR Reactor
NT1 EGCR Reactor
NT1 EL-1 Reactor
NT1 EOCR Reactor
NT1 ESADA-VESR Reactor
NT1 GCRE Reactor
NT1 HBWR Reactor
NT1 HDR Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 Joyo Reactor
NT1 JPDR Reactor
NT1 Kiwi-A-Prime Reactor
NT1 Kiwi-A Reactor
NT1 Kiwi-A3 Reactor
NT1 Kiwi-B1A Reactor
NT1 Kiwi-B2A Reactor
NT1 Kiwi-B4A Reactor
NT1 Kiwi-B1B Reactor
NT1 Kiwi-B4D Reactor
NT1 Kiwi-B4E Reactor
NT1 Kiwi-TNT Reactor
NT1 KNK Reactor
NT1 KNK-2 Reactor
NT1 LAMPRE-1 Reactor
NT1 LAPRE-1 Reactor
NT1 LAPRE-2 Reactor
NT1 LCRE Reactor
NT1 MH-1A Reactor
NT1 MIR Reactor
NT1 MSRE Reactor
NT1 MUR Reactor
NT1 NRX-A4-Est Reactor
NT1 NRX-A1 Reactor
NT1 NRX-A2 Reactor
NT1 NRX-A3 Reactor
NT1 NRX-A5 Reactor
NT1 NRX-A6 Reactor
NT1 NRX-A7 Reactor
NT1 OMRE Reactor
NT1 Rover Reactors
NT1 SEFOR Reactor
NT1 SPERT-1 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SPERT-4 Reactor
NT1 SRE Reactor
NT1 Subcritical Assemblies
NT2 PSE Reactor
NT2 STSF Assembly
NT1 SUSPOP Reactor
NT1 Topaz Reactor
NT1 Tory-2A Reactor
NT1 Tory-2C Reactor
NT1 TREAT Reactor
NT1 UHTREX Reactor
NT1 Venus Reactor
NT1 VHTR Reactor
NT1 XE-Prime Reactor
NT1 XE-2 Reactor
NT1 XMA-1 Reactor
NT1 Zero Power Reactors
NT2 AE-6 Reactor
NT2 AEG Nullenergie Reactor
NT2 Agata Reactor
NT2 AHCF Reactor
NT2 AHR Reactor
NT2 ALECTO Reactor
NT2 ALIZE Reactor
NT2 ANEX Reactor
NT2 ANNA Reactor
NT2 APFA-3 Reactor
NT2 AQUILON Reactor
NT2 AZUR Reactor
NT2 BFS Reactor
NT2 Big Ten Reactor
NT2 BNL Reactor
NT2 CEPFR-1 Reactor
NT2 CFRMF Reactor
NT2 CML Reactor
NT2 Coral-1 Reactor
NT2 Crocus Reactor
NT2 Daphne Reactor
NT2 DCA Reactor
NT2 Dimple Reactor
NT2 ECEL Reactor
NT2 Ermine Reactor
NT2 ETRC Reactor
NT2 FCA Reactor
NT2 FCEL Reactor
NT2 Flattop Reactor
NT2 FR-0 Reactor
NT2 FS-1 Reactor
NT2 Godiva Reactor
NT2 Hazel Reactor
NT2 Hero Reactor
NT2 Hitrex-1 Reactor
NT2 Horace Reactor
NT2 IEA-ZPR Reactor
NT2 IFR Reactor
NT2 ITR Reactor
NT2 Jezebel Reactor
NT2 Juno Reactor
NT2 Kahter Reactor
NT2 KAPL Reactor
NT2 KBR-1 Reactor
NT2 Kritz Reactor
NT2 KUCA Reactor
NT2 LPTF Reactor
NT2 Manhattan College Reactor
NT2 Marius Reactor
NT2 Masurca Reactor
NT2 Minerve Reactor
NT2 NASA-ZPR-1 Reactor
NT2 NASA-ZPR-2 Reactor
NT2 NCA Reactor
NT2 Neptune Reactor
NT2 Nero Reactor
NT2 NSF-RFP Reactor
NT2 OCF Reactor
NT2 OR-CEF Reactor
NT2 ORNL-PCA Reactor
NT2 PARKA Reactor
NT2 PDP Reactor
NT2 Peggy Reactor
NT2 Pelinduna Reactor
NT2 Plasma Core Assembly
NT2 PRCF Reactor
NT2 Proserpine Reactor
NT2 PTF-UNC Reactor
NT2 Purnima Reactor
NT2 R-B Reactor
NT2 R-0 Reactor
NT2 RA-0 Reactor
NT2 RA-2 Reactor
NT2 RAKE-2 Reactor
NT2 RB-1 Reactor
NT2 RB-3 Reactor
NT2 Rensselaer Critical Facility
NT2 RITMO Reactor
NT2 ROSPO Reactor
NT2 RRR Reactor
NT2 SAREF Reactor
NT2 SHCA Reactor
NT2 Siloette Reactor
NT2 SNEAK Reactor
NT2 Split Table Reactor
NT2 SR-0F Reactor
NT2 SR-OA Reactor
NT2 TCA Reactor
NT2 Thermionic Reactor Critical Experiments
NT2 TR-0 Reactor
NT2 VERA Reactor
NT2 ZEBRA Reactor
NT2 ZEEP Reactor
NT2 Zenith Reactor
NT2 Zephyr Reactor
NT2 Zerlina Reactor
NT2 ZETR Reactor
NT2 ZEUS Reactor
NT2 ZPPR Reactor
NT2 ZPR Reactor
NT2 ZPR-3 Reactor
NT2 ZPR-6 Reactor
NT2 ZPR-9 Reactor
NT1 ZRR Reactor

EXPLODING WIRES [01]
BT1 Explosions
BT1 Wires
RT Detonators

EXPLOITATION
DA April 1975
RT Leasing
RT Mining
RT Petroleum Industry
RT Reserves

EXPLORATION [01]
NT1 Geothermal Exploration
RT Aerial Prospecting
RT Electrical Surveys
RT Exploratory Wells
RT Geochemical Surveys
RT Geological Surveys
RT Geophysical Surveys
RT Petroleum Geology
RT Prospecting
RT Radiometric Surveys
RT Remote Sensing
RT Resource Potential

EXPLORATORY WELLS
DA January 1979
UF *Test Wells*
BT1 Wells
RT Boreholes
RT Exploration
RT Geothermal Wells
RT Natural Gas Wells
RT Oil Wells
RT Well Drilling

EXPLORER SATELLITES [01]
BT1 Satellites

EXPLOSION WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

EXPLOSIONS [01]
UF *Blasts*
NT1 Atmospheric Explosions
NT2 Argus Event
NT2 Orange Event
NT2 Starfish Event
NT2 Swordfish Event
NT2 Teak Event
NT1 Chemical Explosions
NT2 Cowboy Event
NT2 Pre-Gondola I Event
NT2 Pre-Gondola II Event
NT1 Cratering Explosions
NT2 Cabriolet Event
NT2 Danny Boy Event
NT2 Palanquin Event
NT2 Pre-Gondola I Event
NT2 Pre-Gondola II Event
NT2 Schooner Event
NT2 Sedan Event
NT1 Exploding Wires
NT1 Nuclear Explosions
NT2 Almendro Event
NT2 Anvil Project
NT2 Arbor Project
NT2 Argus Event
NT2 Baneberry Event
NT2 Bedrock Project
NT2 Benham Event
NT2 Boxcar Event
NT2 Bronco Event
NT2 Cabriolet Event
NT2 Calabash Event
NT2 Cannikin Event
NT2 Carpetbag Event
NT2 Danny Boy Event
NT2 Dining Car Event
NT2 Faultless Event
NT2 Flintlock Operation
NT2 Fulcrum Operation

NT2 Gasbuggy Event
NT2 Greeley Event
NT2 Hadley Event
NT2 Halfbeak Event
NT2 Handcar Event
NT2 Handley Event
NT2 Holly Event
NT2 Hushed Echo Event
NT2 Husky Ace Event
NT2 Hutch Event
NT2 Jorum Event
NT2 Latchkey Operation
NT2 Latir Event
NT2 Middle Gust Event
NT2 Milrow Event
NT2 Miniata Event
NT2 Monique Event
NT2 Orange Event
NT2 Pin Stripe Event
NT2 Pokhran Event
NT2 Portmanteav Event
NT2 Rio Blanco Event
NT2 Rulison Event
NT2 Scotch Event
NT2 Starfish Event
NT2 Stilton-Hushed Echo Event
NT2 Swordfish Event
NT2 Teak Event
NT2 Thermonuclear Explosions
NT3 Schooner Event
NT2 Trinity Event
NT2 Tybo Event
NT2 Wagon Wheel Event
NT1 Surface Explosions
NT2 Holly Event
NT1 Underground Explosions
NT2 Bedrock Project
NT2 Cabriolet Event
NT2 Calabash Event
NT2 Contained Explosions
NT3 Almendro Event
NT3 Baneberry Event
NT3 Benham Event
NT3 Boxcar Event
NT3 Cannikin Event
NT3 Carpetbag Event
NT3 Gasbuggy Event
NT3 Halfbeak Event
NT3 Handley Event
NT3 Monique Event
NT3 Pin Stripe Event
NT3 Pokhran Event
NT3 Rio Blanco Event
NT3 Rulison Event
NT3 Scotch Event
NT3 Wagon Wheel Event
NT2 Danny Boy Event
NT2 Dining Car Event
NT2 ESSEX I Project
NT2 Faultless Event
NT2 Flintlock Operation
NT2 Fulcrum Operation
NT2 Greeley Event
NT2 Hadley Event
NT2 Handcar Event
NT2 Hushed Echo Event
NT2 Hutch Event
NT2 Jorum Event
NT2 Latchkey Operation
NT2 Latir Event
NT2 Middle Gust Event
NT2 Milrow Event
NT2 Miniata Event
NT2 Palanquin Event
NT2 Portmanteav Event
NT2 Pre-Gondola I Event
NT2 Pre-Gondola II Event
NT2 Schooner Event
NT2 Stilton-Hushed Echo Event
NT2 Tybo Event
NT1 Underwater Explosions
NT2 Swordfish Event
RT Accidents
RT Combustion Waves
RT Detonation Waves
RT Detonations
RT Detonators
RT Disasters
RT Excavation
RT Fires
RT Implosions
RT Molten Metal-Water Reactions
RT Seismic Events
RT Shock Waves
RT Spontaneous Combustion

EXPLOSIVE FORMING [01]
BT1 Materials Working
BT2 Fabrication

EXPLOSIVE FRACTURING [01]
DA April 1976
UF *Blasting*
UF *Shotfiring*
BT1 Fracturing
BT2 Comminution
NT1 SOLFRAC Process
RT Chemical Explosions
RT Fractures
RT Mining
RT Nuclear Explosions
RT Underground Explosions

EXPLOSIVE INSTABILITY [01]
BT1 Plasma Instability
BT2 Instability

EXPLOSIVE STIMULATION [01]
DA January 1975
UF *Well Shooting*
BT1 Well Stimulation
RT Chemical Explosions
RT Nuclear Explosions
RT Underground Explosions
DEF The use of chemical-or nuclear-explosive fracturing to increase reservoir production.

Explosively-driven MHD Generators
DA May 1977
USE Pulsed MHD Generators

EXPLOSIVES [01]
NT1 Chemical Explosives
NT2 Dynamite
NT2 Nitrocellulose
NT2 Nitroglycerin
NT2 Nitromethane
NT2 PETN
NT2 Picric Acid
NT2 Shaped Charges
NT2 TATB
NT2 Tetryl
NT2 TNT
NT1 Nuclear Explosives
RT Ammunition
RT Guns
RT Propellants

Exponential Piles
USE Subcritical Assemblies

EXPORTS
DA July 1978
RT Domestic Supplies
RT Foreign Policy
RT Imports
RT Net Trade
RT Tariffs
RT Trade

Exposure (Radiation Doses)
USE Radiation Doses

EXPOSURE CHAMBERS [01]
DA October 1977
UF *Atmospheric Exposure Chambers*
UF *Environmental Exposure Chambers*
UF *Inhalation Exposure Chambers*
RT Controlled Atmospheres

EXPOSURE RATEMETERS [01]
UF *Ratemeters (Exposure)*
BT1 Radiation Monitors
BT2 Measuring Instruments
RT Counting Ratemeters
RT Radiation Monitoring

EXTENDED PARTICLE MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
NT1 Bag Model
NT1 String Models
RT Solitons

EXTENSIVE AIR SHOWERS [01]
BT1 Cosmic Showers
BT2 Secondary Cosmic Radiation
BT3 Cosmic Radiation
BT4 Ionizing Radiations
BT5 Radiations
BT2 Showers
RT Centauro-Type Events

EXTENSOMETERS [01]
RT Dilatometry
RT Strain Gages

EXTERNAL CONVERSION [01]
BT1 Conversion
RT Energy Levels

EXTERNAL IRRADIATION [01]
BT1 Irradiation
NT1 Extracorporeal Irradiation
NT1 Partial Body Irradiation
NT1 Whole-Body Irradiation
RT Irradiation Devices
RT Irradiation Plants
RT Irradiation Procedures
RT Local Fallout
RT Local Irradiation
RT Personnel Dosimetry
RT Radiation Protection
RT Radioactive Clouds
RT Shielding

Extinguishment
DA January 1976
USE Inhibition

EXTRACELLULAR SPACE [01]
RT Compartments
RT Edema

EXTRACORPOREAL IRRADIATION [01]
BT1 External Irradiation
BT2 Irradiation
RT Blood

EXTRACTION
DA April 1975
BT1 Separation Processes
NT1 Deasphalting
NT1 Solvent Extraction
NT1 Supercritical Gas Extraction

Extraction (Beam)
USE Beam Extraction

Extraction (Heat)
DA August 1975
USE Heat Extraction

Extraction (Solvent)
USE Solvent Extraction

EXTRACTION APPARATUSES [01]
NT1 Extraction Columns
NT1 Mist Extractors
NT1 Mixer-Settlers
NT1 Podbielniak Contactors
RT Entrainment
RT Laboratory Equipment
RT Solvent Extraction

EXTRACTION CHROMATOGRAPHY [01]
BT1 Chromatography
BT2 Separation Processes
RT Partition

EXTRACTION COLUMNS [01]
UF *Cascade (Extraction)*
UF *Columns (Extraction)*
UF *Pulse Columns*
UF *Towers (Extraction)*
BT1 Extraction Apparatuses
RT Column Packing

EXTRACTIVE METALLURGY [01]
BT1 Metallurgy

NT1 Hydrometallurgy
NT1 Pyrometallurgy
NT2 Chloride Volatility Process
NT2 Fluoride Volatility Process
RT Electrometallurgy
RT Refining

Extrahigh Voltage Alternating Current Systems
DA May 1976
USE EHV AC Systems

Extrahigh Voltage Direct Current Systems
DA May 1976
USE EHV DC Systems

EXTRAPOLATION [01]
BT1 Numerical Solution
RT Extrapolation Length
RT Interpolation
RT Mathematics

EXTRAPOLATION CHAMBERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments

EXTRAPOLATION LENGTH [01]
RT Extrapolation
RT Neutron Transport Theory

EXTREME ULTRAVIOLET RADIATION [01]
(Wavelength range 400-100 A.)
UF *XUV*
BT1 Ultraviolet Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

EXTREME-VALUE PROBLEMS [01]
DA November 1976
RT Mathematics

Extremely High Frequency Radiation
USE Microwave Radiation

EXTRUSION [01]
BT1 Materials Working
BT2 Fabrication
NT1 Coextrusion
RT Cold Working
RT Dies
RT Hot Working
RT Presses
RT Pressing

EXXON FUEL FABRICATION FACILITY [01]
BT1 Fuel Fabrication Plants
BT2 Nuclear Facilities

EXXON GASIFICATION PROCESS
DA September 1976
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF Coal is reacted with steam in a Fluidized-bed gasifier at 1500-1700°F. To provide the necessary heat, a stream of circulating char is withdrawn from the gasifier and partially burned with air in a char heater to raise its temperature. The heated char is returned to the gasifier after separation from the flue gas. The product gas is a medium BTU gas suitable for methanation to S.N.G.

EXXON LIQUEFACTION PROCESS
DA September 1976
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Crushed coal is slurried with a recycle solvent, preheated to about 800°F, and then pumped into the liquefaction reactor operating at about 2,000 p.s.i. Preheated hydrogen is also added to the reactor. The product from the liquefaction reactor is sent to the separation step where gas, naphtha, recycle solvent, distillate, and heavy bottoms are separated by distillation.

Eye Cataracts
USE Cataracts

EYES [01]
UF *Sclera*
UF+ *Aqueous Humor*
BT1 Sense Organs
BT2 Organs
BT3 Body
NT1 Conjunctiva
NT1 Cornea
NT1 Crystalline Lens
NT1 Lacrimal Ducts
NT1 Retina
NT1 UVEA
RT Face
RT Ophthalmology
RT Vision

Ezeiza Argentine RA-3 Reactor
USE RA-3 Reactor

F CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

F CODES [01]
BT1 Computer Codes

F1 LAYER [01]
BT1 F Region
BT2 Ionosphere
BT3 Earth Atmosphere
BT3 Planetary Ionospheres

F2 LAYER [01]
BT1 F Region
BT2 Ionosphere
BT3 Earth Atmosphere
BT3 Planetary Ionospheres

F REGION [01]
BT1 Ionosphere
BT2 Earth Atmosphere
BT2 Planetary Ionospheres
NT1 F1 Layer
NT1 F2 Layer
NT1 Spread F
RT Ionospheric Storms

F-1260 RESONANCES [01]
BT1 Tensor Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

F-1514 RESONANCES [01]
BT1 Tensor Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

F-1540 RESONANCES [01]
BT1 A Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

F-2030 RESONANCES [01]
DA September 1978
BT1 Charmed Meson Resonances
BT2 Charm Particles
BT3 Postulated Particles
BT4 Elementary Particles
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

F STATES [01]
BT1 Energy Levels

F WAVES [01]
BT1 Partial Waves
RT Angular Momentum
RT Quantum Mechanics

FABRIC FILTERS
DA October 1978
BT1 Filters
RT Baghouses
RT Dust Collectors
RT Pollution Control Equipment

FABRICATION [01]
(Limited to the concepts of shaping and manufacturing, use of a more specific term is recommended; for large scale building see CONSTRUCTION.)
UF *Building (Manufacturing)*
NT1 Casting
NT2 Slip Casting
NT2 Vacuum Casting
NT1 Joining
NT2 Bonding
NT3 Self-Welding
NT2 Fastening
NT2 Welding
NT3 Arc Welding
NT4 Gas Metal-Arc Welding
NT4 Gas Tungsten-Arc Welding
NT4 Plasma Arc Welding
NT4 Shielded Metal-Arc Welding
NT4 Submerged Arc Welding
NT3 Brazing
NT3 Diffusion Welding
NT3 Electron Beam Welding
NT3 Electroslag Welding
NT3 Explosion Welding
NT3 Forge Welding
NT3 Friction Welding
NT3 Gas Welding
NT3 Induction Welding
NT3 Laser Welding
NT3 Magnetic Force Welding
NT3 Resistance Welding
NT4 Flash Welding
NT4 Projection Welding
NT3 Soldering
NT3 Ultrasonic Welding
NT3 Vacuum Welding
NT1 Materials Working
NT2 Canning
NT2 Cold Working
NT3 Shot Peening
NT2 Drawing
NT2 Explosive Forming
NT2 Extrusion
NT3 Coextrusion
NT2 Forging
NT2 Hot Working
NT2 Magnetic Forming
NT2 Pressing

NT3 Cold Pressing
NT3 Hot Pressing
NT2 Rolling
NT2 Swaging
NT1 Molding
NT2 Briquetting
NT2 Pelletizing
NT1 Sintering
RT Compacting
RT Fuel Fabrication Plants
RT Manufacturing
RT Production

FABRY-PEROT INTERFEROMETER [01]
BT1 Interferometers
BT2 Measuring Instruments

FACE [01]
BT1 Head
BT2 Body Areas
BT3 Body
NT1 Nose
RT Eyes
RT Respirators

Face Centered Cubic
USE Fcc Lattices

FACTORIZATION [01]
RT Mathematics

FACULAE [01]
BT1 Solar Activity
RT Photosphere
RT Plages

FADDEEV EQUATIONS [01]
BT1 Equations
RT Lippmann-Schwinger Equation
RT Multiple Scattering
RT Three-Body Problem

FAEROE ISLANDS [01]
UF *Faroe Islands*
RT Denmark

FAILED ELEMENT DETECTION [01]
UF *Burst Can Detection*
UF *Burst Slug Detection*
UF *Detection (Failed Element)*
UF *FEDAL*
BT1 Detection
RT Failed Element Monitors
RT Fuel Cans
RT Fuel Element Failure
RT Fuel Elements

FAILED ELEMENT MONITORS [01]
UF *Burst Can Monitors*
UF *Burst Slug Monitors*
UF *Monitors (Failed Elements)*
RT Failed Element Detection
RT Fuel Cans
RT Fuel Element Failure
RT Fuel Elements

FAILURE MODE ANALYSIS [01]
DA June 1975
UF *Event Tree Analysis*
BT1 System Failure Analysis
BT2 Systems Analysis
RT Markov Process
RT Reliability

FAILURES [01]
NT1 Fractures
NT1 Ruptures
RT Accidents
RT Amoeba Effect
RT Corrosion
RT Damage
RT Fatigue
RT Fracture Properties
RT Hazards
RT Impact Shock
RT Leaks
RT Outages
RT Reliability
RT Safety
RT Systems Analysis

FALLOUT [01]
(For radioactive fallout only.)
UF *Fragments (Fallout)*
UF+ *Fallout Particulates*
NT1 Fallout Deposits
NT1 Global Fallout
NT1 Local Fallout
RT Accidents
RT Aerial Monitoring
RT Aerosols
RT Air
RT Atmospheric Precipitations
RT Contamination
RT Earth Atmosphere
RT Fission Products
RT Global Aspects
RT Nuclear Explosions
RT Nuclear Weapons
RT Radiation Hazards
RT Radiation Protection
RT Radioactive Aerosols
RT Radioactive Clouds
RT Regional Analysis
RT Sedimentation
RT Sunshine Project
RT Wind

FALLOUT DEPOSITS [01]
BT1 Fallout
RT Environment
RT Food Chains
RT Radionuclide Migration
RT Sedimentation
RT Soils

Fallout Particulates
USE Fallout
AND Particles

FALLOUT SHELTERS [01]
BT1 Shelters
RT Local Fallout
RT Radiation Protection
RT Subsurface Structures

FANO FACTOR [01]
RT Ionization
RT Semiconductor Materials

Fano-Lichten Model
USE Electron-Promotion Model

Fans
USE Blowers

FAO [01]
UF *Food and Agriculture Organization*
BT1 International Organizations
RT Agriculture
RT AGRIS
RT Food
RT United Nations

FAR INFRARED RADIATION [01]
BT1 Infrared Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

FAR ULTRAVIOLET RADIATION [01]
(Wavelength range 2000-400 A.)
UF *Vacuum Ultraviolet Radiation*
BT1 Ultraviolet Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

Faraday Cages
USE Faraday Cups

FARADAY CUPS [01]
UF *Faraday Cages*
BT1 Beam Monitors
BT2 Measuring Instruments
RT Beam Currents
RT Electric Measuring Instruments

FARADAY CURRENT [01]
BT1 Electric Currents
BT2 Currents

FARADAY EFFECT [01]
UF *Faraday Rotation*
RT Electromagnetic Radiation
RT Magneto-Optical Effects
RT Polarization

Faraday Generators
USE MHD Generators

FARADAY INDUCTION [01]
BT1 Induction

FARADAY LAWS [01]
RT Electrolysis

FARADAY METHOD [01]
RT Magnetic Fields

Faraday Rotation
USE Faraday Effect

FARLEY-1 REACTOR [01]
UF *Joseph M. Farley-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FARLEY-2 REACTOR [01]
UF *Joseph M. Farley-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Farm Animals
USE Domestic Animals

FARM EQUIPMENT
DA June 1977
BT1 Equipment
RT Farms

FARMS
DA June 1977
RT Agriculture
RT Biomass Plantations
RT Farm Equipment

Faroe Islands
USE Faeroe Islands

FASCIA [01]
BT1 Connective Tissue
BT2 Tissues
BT3 Body

FASCIOLA [01]
BT1 Trematodes
BT2 Helminths
BT3 Parasites
BT2 Platyhelminths
BT3 Invertebrates
BT4 Animals
RT Fascioliasis

FASCIOLIASIS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Fasciola

Fast Breeder Blanket Facility (FBBF)
DA November 1976
USE Subcritical Assemblies

Fast Breeder Type Reactors
USE FBR Type Reactors

Fast Burst Reactor Facility
USE FBRF Reactor

Fast Experimental Breeder Reactor Japan
USE Joyo Reactor

FAST FISSION [01]
BT1 Fission
BT2 Nuclear Reactions
BT1 Neutron Reactions
BT2 Nucleon Reactions

BT3 Baryon Reactions
BT4 Hadron Reactions
BT5 Nuclear Reactions
RT Fast Fission Factor
RT Fast Neutrons

FAST FISSION FACTOR [01]
RT Fast Fission
RT Fast Reactors
RT Fission
RT Multiplication Factors

Fast Flux Test Facility Reactor
DA April 1975
USE FFTF Reactor

FAST MAGNETOACOUSTIC WAVES [01]
BT1 Magnetoacoustic Waves
BT2 Hydromagnetic Waves
RT Transit-Time Magnetic Pumping

FAST NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Fast Fission
RT Fast Reactors
RT Nisus Facility

Fast Reactor Core Test Facility
USE FRCTF Reactor

FAST REACTORS [01]
BT1 Epithermal Reactors
BT2 Reactors
NT1 Actinide Burner Reactors
NT1 AFSR Reactor
NT1 APRF Reactor
NT1 BFS Reactor
NT1 CFRMF Reactor
NT1 Clementine Reactor
NT1 Coral-1 Reactor
NT1 ECEL Reactor
*NT1 FBR Type Reactors
NT1 FBRF Reactor
NT1 FCA Reactor
NT1 FCEL Reactor
NT1 FFTF Reactor
NT1 FR-0 Reactor
NT1 FRAN Reactor
NT1 FS-1 Reactor
NT1 Harmonie Reactor
NT1 HPRR Reactor
NT1 IBR-2 Reactor
NT1 IBR-30 Reactor
NT1 IFR Reactor
NT1 Kalpakkam PFR Reactor
NT1 KBR-1 Reactor
NT1 LAMPRE-1 Reactor
NT1 Masurca Reactor
NT1 Purnima Reactor
NT1 710 Reactor
NT1 SAREF Reactor
NT1 SEFOR Reactor
NT1 SNEAK Reactor
NT1 SORA Reactor
NT1 STF Reactor
NT1 Tapiro Reactor
NT1 VERA Reactor
NT1 VIPER Reactor
NT1 Yayoi Reactor
NT1 Zephyr Reactor
NT1 ZEUS Reactor
NT1 ZPPR Reactor
NT1 ZPR-3 Reactor
NT1 ZPR-6 Reactor
NT1 ZPR-9 Reactor
NT1 ZRR Reactor
RT Fast Fission Factor
RT Fast Neutrons

Fast Source Critical Assembly
USE FS-1 Reactor

Fast Source Reactor AEC
USE AFSR Reactor

FASTENERS [01]
UF *Nuts*
UF *Rivets*
UF *Screws*
UF *Studs*
RT Anchors
RT Couplings
RT Fastening
RT Joining
RT Restraints

FASTENING [01]
UF *Anchoring*
UF *Bolting*
UF *Connecting*
UF *Riveting*
UF *Screwing*
BT1 Joining
BT2 Fabrication
RT Fasteners
RT Joints

FASTING [01]
UF *Starvation*
RT Biological Stress
RT Diet
RT Metabolism

FAT CELLS [01]
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Adipose Tissue

FATIGUE [01]
BT1 Mechanical Properties
NT1 Corrosion Fatigue
NT1 Thermal Fatigue
RT Damage
RT Failures
RT S-N Diagram

Fatigue (Biological)
USE Biological Fatigue

FATS [01]
NT1 Butter Fat
RT Adipose Tissue
RT Food
RT Lipids

Fatty Acids
USE Carboxylic Acids

Faucets (Water)
DA June 1977
USE Water Faucets

FAUJASITE
DA July 1979
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals

FAULT TREE ANALYSIS [01]
UF *Fault Tree Systems*
BT1 System Failure Analysis
BT2 Systems Analysis
RT Control
RT Monte Carlo Method
RT Planning
RT Statistics

Fault Tree Systems
USE Fault Tree Analysis

FAULTLESS EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions
RT Seismology

FBH Process
DA January 1976
USE Fluidized Bed Hydrogenation Process

FBR TYPE REACTORS [01]
UF *Fast Breeder Type Reactors*
BT1 Breeder Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
NT1 AIPFR Reactor
NT1 Beloyarsk-3 Reactor
NT1 BN-350 Reactor
NT1 BOR-60 Reactor
NT1 Clinch River Breeder Reactor
NT1 DFR Reactor
NT1 EBR-1 Reactor
NT1 EBR-2 Reactor
NT1 Enrico Fermi-1 Reactor
NT1 GCFR Type Reactors
NT2 GCFR Reactor
NT1 GEPFR Reactor
NT1 Joyo Reactor
NT1 Kalpakkam LMFBR Reactor
NT1 LMFBR Type Reactors
NT2 PLBR Reactor
NT2 SNR-1 Reactor
NT2 SNR-2 Reactor
NT1 Monju Reactor
NT1 PEC Brasimone Reactor
NT1 PFR Reactor
NT1 Phenix Reactor
NT1 Rapsodie Reactor
NT1 SBR-1 Reactor
NT1 SBR-2 Reactor
NT1 SBR-5 Reactor
NT1 Super Phenix Reactor
NT1 ZEBRA Reactor
RT CIVEX Process
RT Power Reactors

FBRF REACTOR [01]
UF *Fast Burst Reactor Facility*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FCA REACTOR [01]
UF *Tokai-Mura Fast Critical Assembly*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

FCC LATTICES [01]
UF *Face Centered Cubic*
BT1 Cubic Lattices
BT2 Crystal Lattices
BT3 Crystal Structure

FCEL REACTOR
DA May 1975
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

FCT
DA August 1979
USE Flux Conserving Tokamaks

FDR Reactor
DA April 1975
USE Otto Hahn Reactor

FEASIBILITY STUDIES [01]
RT Comparative Evaluations
RT Design
RT Economics
RT Efficiency
RT Performance
RT Planning
RT Productivity
RT Technology Assessment

RT Technology Utilization
RT Testing

FEATHERS [01]
RT Birds
RT Skin

FECES [01]
BT1 Biological Wastes
BT2 Biological Materials
BT2 Wastes
RT Body Fluids
RT Excretion
RT Large Intestine
RT Proteus
RT Rectum

FEDAL
USE Failed Element Detection

FEDERAL ASSISTANCE PROGRAMS
DA October 1977
RT Government Policies
RT Local Government
RT National Government
RT State Government

Federal Aviation Administration
DA September 1978
USE US FAA

FEDERAL BUILDINGS
DA February 1979
BT1 Buildings
RT Military Facilities
RT Office Buildings
RT Public Buildings

Federal Driving Cycle
DA November 1975
USE Federal Test Procedure

Federal Energy Administration
DA May 1975
USE US FEA

Federal Energy Regulatory Commission
DA February 1978
USE US FERC

FEDERAL POWER COMMISSION
DA October 1976
UF *FPC*
BT1 US Organizations
BT2 National Organizations

FEDERAL RADIATION COUNCIL [01]
DA January 1975
UF *FRC*
BT1 US Organizations
BT2 National Organizations
RT Radiation Protection

Federal Republic of Germany
DA May 1977
USE German Federal Republic

FEDERAL TEST PROCEDURE
DA November 1975
UF *Federal Driving Cycle*
BT1 Performance Testing
BT2 Testing
RT Air Pollution
RT Engines
RT Exhaust Gases
RT Pollution Regulations
DEF Test procedures for exhaust emissions and fuel economy.

FEDERAL WATER POLLUTION CONTROL ACT
DA June 1976
UF *FWPCA*
BT1 Laws
RT Legal Aspects
RT Legislation
RT Pollution Regulations
RT Water Pollution

Federation of Malaya
USE Malaysia

FEED MATERIALS PLANTS [01]
DA June 1975
UF *Uranium Mills*
BT1 Industrial Plants
BT1 Nuclear Facilities
NT1 Feed Materials Production Center
NT1 Highland Uranium Mill
NT1 Shirley Basin Uranium Mill
NT1 West Valley UF6 Facility
RT Fuel Cycle Centers
RT Uranium
RT Uranium Concentrates

FEED MATERIALS PRODUCTION CENTER [01]
BT1 Feed Materials Plants
BT2 Industrial Plants
BT2 Nuclear Facilities
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Ohio

FEEDBACK [01]
RT Control Theory
RT Nyquist Diagrams
RT Servomechanisms

FEEDING [01]
DA June 1975
RT Diet
RT Food
RT Nutrients

FEEDWATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Auxiliary Water Systems
RT Boilers
RT Demineralization
RT Feedwater Heaters
RT Reactor Cooling Systems
RT Steam Generators

FEEDWATER HEATERS [01]
BT1 Heaters
RT Feedwater
RT Reactor Cooling Systems

Fees
USE Charges

FEET [01]
BT1 Legs
BT2 Limbs
BT3 Body Areas
BT4 Body

FEINBERG-PAIS THEORY [01]
UF *Peratization Procedure*
RT Leptons
RT Weak Interactions

FELDSPARS [01]
BT1 Minerals
NT1 Albite
NT1 Microcline
RT Mesodialyte
DEF A group of abundant rock-forming minerals of general formula: $MAl(Al,Si)_3O_8$, where M=K,Na,Ca,Ba,Rb,Sr,and Fe.

FEMALE GENITALS [01]
UF *Genitals (Female)*
UF *Vagina*
BT1 Organs
BT2 Body
NT1 Ovaries
NT1 Uterus
RT Estrous Cycle
RT Fertility
RT Gonads
RT Gynecology
RT Menstruation Disorders
RT Pelvis
RT Reproduction
RT Sex
RT Urogenital System Diseases

FEMALES [01]
NT1 Women
RT Animals
RT Sex
RT Sex Dependence

FEMUR [01]
BT1 Skeleton
BT2 Organs
BT3 Body
RT Legs

FERGHANITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

FERMAT PRINCIPLE [01]
RT Wave Propagation

FERMENTATION [01]
SF *Microbial Processes*
BT1 Bioconversion
RT Batch Culture
RT Biochemistry
RT Cell Recycle
RT Chemical Reactions
RT Continuous Culture
RT Mesophilic Conditions
RT Semibatch Culture
RT Thermophilic Conditions

Fermentation Alcohol
USE Ethanol

Fermi Age
USE Fermi Age Theory
AND Neutron Age

FERMI AGE THEORY [01]
UF+ *Fermi Age*
BT1 Neutron Slowing-Down Theory
RT Neutron Age
RT Slowing-Down

Fermi Beta Theory
USE Fermi Interactions

Fermi Constants
USE Fermi Interactions

Fermi Diagram
USE Fermi Plot

Fermi-Dirac Gas
USE Fermi Gas

Fermi-Dirac Statistics
DA May 1976
USE Fermi Statistics

Fermi Fluid
USE Fermi Gas

FERMI GAS [01]
UF *Fermi-Dirac Gas*
UF *Fermi Fluid*
UF *Fermi Liquid*
RT Electron Gas
RT Fermi Statistics

FERMI GAS MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

FERMI INTERACTIONS [01]
UF *Fermi Beta Theory*
UF *Fermi Constants*
UF *Fermi Pseudopotential*
UF *Fermi-Weizsaecker Formula*
UF *Four-Fermion Interaction*
BT1 Weak Interactions
BT2 Basic Interactions
BT3 Interactions
RT Primakoff Theory
RT V-A Theory

Fermi-Kurie Plot
USE Fermi Plot

FERMI LEVEL [01]
UF *Fermi Surface*
BT1 Energy Levels
RT Band Theory
RT Cooper Pairs

Fermi Liquid
USE Fermi Gas

FERMI PLOT [01]
UF *Fermi Diagram*
UF *Fermi-Kurie Plot*
UF *Kurie Plot*
BT1 Diagrams
RT Beta Decay

Fermi Pseudopotential
USE Fermi Interactions

FERMI RESONANCE [01]
BT1 Resonance

FERMI-SEGRE FORMULA [01]
RT Magnetic Moments

FERMI STATISTICS [01]
DA October 1975
UF *Fermi-Dirac Statistics*
RT Bose-Einstein Statistics
RT Fermi Gas
RT Fermions
RT Parastatistics
RT Statistical Mechanics

Fermi Surface
USE Fermi Level

Fermi-Thomas Model
USE Thomas-Fermi Model

Fermi-Weizsaecker Formula
USE Fermi Interactions

FERMILAB ACCELERATOR [01]
(Facility at Fermi National Accelerator Laboratory, Batavia, Illinois, includes main synchroton, booster synchrotron, and linac.)
DA November 1975
UF *NAL Synchrotron*
UF *National Accelerator Laboratory*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators
RT POPAE

FERMIONS [01]
NT1 Baryons
NT2 Antibaryons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Antinucleons
NT4 Antineutrons
NT4 Antiprotons
NT2 Baryon Resonances
NT3 Charmed Baryon Resonances
NT4 C-2260 Resonances
NT4 Lambda-2250 Resonances
NT3 Dibaryon Resonances
NT3 D*Resonances
NT3 N*Resonances
NT4 Delta-1236 Resonances
NT4 Delta-1650 Resonances
NT4 Delta-1670 Resonances
NT4 Delta-1877 Resonances
NT4 Delta-1890 Resonances
NT4 Delta-1910 Resonances
NT4 Delta-1950 Resonances
NT4 Delta-1960 Resonances
NT4 Delta-2200 Resonances
NT4 Delta-2420 Resonances
NT4 Delta-2850 Resonances
NT4 Delta-3230 Resonances
NT4 N-1470 Resonances
NT4 N-1520 Resonances
NT4 N-1535 Resonances
NT4 N-1680 Resonances
NT4 N-1688 Resonances
NT4 N-1700 Resonances
NT4 N-1780 Resonances
NT4 N-1860 Resonances
NT4 N-1990 Resonances
NT4 N-2040 Resonances
NT4 N-2190 Resonances
NT4 N-2650 Resonances
NT4 N-3030 Resonances
NT3 Y*Resonances
NT4 Lambda-1405 Resonances
NT4 Lambda-1520 Resonances
NT4 Lambda-1670 Resonances
NT4 Lambda-1690 Resonances
NT4 Lambda-1815 Resonances
NT4 Lambda-1830 Resonances
NT4 Lambda-2100 Resonances
NT4 Lambda-2250 Resonances
NT4 Lambda-2350 Resonances
NT4 Sigma-1385 Resonances
NT4 Sigma-1580 Resonances
NT4 Sigma-1620 Resonances
NT4 Sigma-1640 Resonances
NT4 Sigma-1660 Resonances
NT4 Sigma-1670 Resonances
NT4 Sigma-1750 Resonances
NT4 Sigma-1765 Resonances
NT4 Sigma-1910 Resonances
NT4 Sigma-1940 Resonances
NT4 Sigma-2030 Resonances
NT4 Sigma-2250 Resonances
NT4 Sigma-2455 Resonances
NT4 Sigma-2595 Resonances
NT4 Xi-1530 Resonances
NT4 Xi-1630 Resonances
NT4 Xi-1820 Resonances
NT4 Xi-1930 Resonances
NT4 Xi-2030 Resonances
NT3 Z*Resonances
NT2 Hyperons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Lambda Particles
NT3 Omega Particles
NT4 Omega Minus
NT3 Sigma Particles
NT4 Sigma Minus
NT4 Sigma Neutral
NT4 Sigma Plus
NT3 Xi Particles
NT4 Xi Minus
NT4 Xi Neutral
NT2 Nucleons
NT3 Neutrons
NT4 Cold Neutrons
NT5 Ultracold Neutrons
NT4 Cosmic Neutrons
NT4 Epithermal Neutrons
NT4 Fast Neutrons
NT4 Fission Neutrons
NT5 Delayed Neutrons
NT5 Prompt Neutrons
NT4 Intermediate Neutrons
NT4 Photoneutrons
NT4 Pile Neutrons
NT4 Polyneutrons
NT5 Dineutrons
NT5 Trineutrons
NT4 Resonance Neutrons
NT4 Slow Neutrons
NT4 Solar Neutrons
NT4 Tetraneutrons
NT4 Thermal Neutrons
NT3 Photonucleons
NT4 Photoneutrons
NT3 Protons
NT4 Cosmic Protons
NT4 Delayed Protons
NT4 Diprotons
NT4 Photoprotons
NT4 Prompt Protons
NT4 Solar Protons
NT4 Trapped Protons
NT1 Leptons
NT2 Antileptons
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Muons Plus
NT3 Positrons
NT4 Cosmic Positrons
NT2 Electrons
NT3 Cosmic Electrons
NT3 Exoelectrons
NT3 Prompt Electrons
NT3 Runaway Electrons
NT3 Solar Electrons
NT3 Solvated Electrons
NT3 Trapped Electrons
NT2 Heavy Leptons
NT3 Heavy Neutral Muons
NT3 Tau Neutrinos
NT3 Tau Particles
NT2 Muons
NT3 Cosmic Muons
NT3 Muons Minus
NT3 Muons Plus
NT2 Neutrinos
NT3 Antineutrinos
NT4 Electron Antineutrinos
NT4 Muon Antineutrinos
NT3 Cosmic Neutrinos
NT3 Electron Neutrinos
NT4 Electron Antineutrinos
NT3 Muon Neutrinos
NT4 Muon Antineutrinos
NT3 Solar Neutrinos
NT3 Tau Neutrinos
RT Fermi Statistics

FERMIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

FERMIUM 242 [01]
DA November 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 246 [01]
BT1 Actinide Nuclei

BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 247 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 249 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 251 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 253 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 254 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 255 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 256 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 257 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM 258 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FERMIUM 259 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fermium Isotopes
BT2 Actinide Isotopes

FERMIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Fermium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

FERMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Fermium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

FERMIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

FERMIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Fermium Carbides
NT1 Fermium Chlorides
NT1 Fermium Nitrides
NT1 Fermium Oxides
NT1 Fermium Sulfides

FERMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

FERMIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Fermium 242
NT1 Fermium 244
NT1 Fermium 245
NT1 Fermium 246
NT1 Fermium 247
NT1 Fermium 248
NT1 Fermium 249
NT1 Fermium 250
NT1 Fermium 251
NT1 Fermium 252
NT1 Fermium 253
NT1 Fermium 254
NT1 Fermium 255
NT1 Fermium 256
NT1 Fermium 257
NT1 Fermium 258
NT1 Fermium 259

FERMIUM NITRIDES [01]
BT1 Fermium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

FERMIUM OXIDES [01]
BT1 Fermium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

FERMIUM SULFIDES [01]
BT1 Fermium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

FERMIUM 254 TARGET [01]
DA July 1976
BT1 Targets

FERMIUM 255 TARGET [01]
DA July 1976
BT1 Targets

FERMIUM 257 TARGET [01]
DA July 1976
BT1 Targets

FERNS [01]
BT1 Plants

FERRANTI COMPUTERS [01]
BT1 Computers

FERRATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Iron Oxides

FERREDOXIN
DA July 1978
BT1 Proteins
BT2 Organic Compounds

Ferric Compounds
USE Iron Compounds

FERRICYANIDES [01]
BT1 Iron Complexes
BT2 Transition Element Complexes
BT3 Complexes

FERRIMAGNETIC MATERIALS [01]
BT1 Magnetic Materials
NT1 Ferrites
RT Ferrimagnetic Resonance
RT Ferrimagnetism
RT Ferrite Garnets
RT Perovskites

FERRIMAGNETIC RESONANCE [01]
DA October 1977
BT1 Magnetic Resonance
BT2 Resonance
RT Ferrimagnetic Materials
RT Ferrimagnetism

FERRIMAGNETISM [01]
BT1 Magnetism
RT Antiferromagnetism
RT Ferrimagnetic Materials
RT Ferrimagnetic Resonance
RT Ferromagnetism

FERRITE [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
RT Iron-Alpha
RT Magnetite
RT Martensite
RT Pearlite
RT Solid Solutions
RT Steel-DIN-1-6770
RT Steels
DEF A solid solution of carbon in alpha-iron.

FERRITE GARNETS [01]
UF+ *Yttrium Aluminium Garnets*
BT1 Minerals
RT Ferrimagnetic Materials
RT Garnets
DEF Minerals with the general formula $Y_3M_5O_{12}$, where Y is yttrium or other rare earth, and M is usually iron, but may be another metal.

FERRITES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (cation) compounds and the above anion descriptor.)
BT1 Ferrimagnetic Materials
BT2 Magnetic Materials
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Iron Oxides

FERRITIN [01]
BT1 Iron Complexes
BT2 Transition Element Complexes
BT3 Complexes
BT1 Proteins
BT2 Organic Compounds
RT Hemosiderin
RT Iron

FERROAN
DA June 1975
BT1 Iron Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
BT1 Magnesium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT1 Minerals

FERROBACILLUS FERROOXIDANS
DA September 1977
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms
RT Leaching
RT Oil Shales

FERROCENE [01]
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds
BT1 Iron Complexes
BT2 Transition Element Complexes
BT3 Complexes

FERROCYANIDES [01]
BT1 Iron Complexes
BT2 Transition Element Complexes
BT3 Complexes

FERROELECTRIC CONVERTERS
DA March 1977
BT1 Direct Energy Converters
RT Ferroelectric Materials

FERROELECTRIC MATERIALS [01]
UF *Materials (Ferroelectric)*
BT1 Dielectric Materials
BT1 Materials
RT Antiferroelectric Materials
RT Ferroelectric Converters

FERROIN [01]
BT1 Phenanthrolines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents
RT Iron Complexes
RT Phenanthroline-Ortho

FERROMAGNETIC MATERIALS [01]
UF *Materials (Ferromagnetic)*
BT1 Magnetic Materials
BT1 Materials
RT Antiferromagnetic Materials
RT Spin Glass State

FERROMAGNETIC RESONANCE [01]
DA August 1976
BT1 Magnetic Resonance
BT2 Resonance

FERROMAGNETISM [01]
BT1 Magnetism
NT1 Mictomagnetism
RT Antiferromagnetism
RT Curie Point
RT Ferrimagnetism
RT Heisenberg Model

FERRON [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Quinolines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Reagents
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

Ferrous Compounds
USE Iron Compounds

FERROX PROCESS
DA January 1975
RT Desulfurization

FERSMITE [01]
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials

FERTILE MATERIALS [01]
RT Breeding Blankets
RT Nuclear Fuel Conversion
RT Nuclear Fuels
DEF Materials containing nuclides capable of being transformed into fissile nuclides by neutron capture.

FERTILITY [01]
RT Female Genitals
RT Gonads
RT Male Genitals
RT Menopause
RT Progeny
RT Reproduction
RT Reproductive Disorders
RT Sterility

FERTILIZATION
DA October 1977
RT Gametes
RT Ova
RT Reproduction
RT Zygotes

FERTILIZER INDUSTRY
DA August 1977
BT1 Industry
RT Agriculture

FERTILIZERS [01]
NT1 Superphosphates
RT Agriculture
RT Eutrophication
RT Nitrogen Cycle
RT Nutrients
RT Plants
RT Soil Chemistry
RT Soil Conservation

Feshbach-Porter-Weisskopf Model
USE Optical Models

FESHBACH-WEISSKOPF MODEL [01]
RT Nuclear Reactions

FESSENHEIM-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors

BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FESSENHEIM-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors

FETAL MEMBRANES [01]
UF *Amnion*
UF *Chorioallantoic Membrane*
BT1 Membranes
NT1 Placenta
RT Embryos
RT Fetuses

FETUSES [01]
RT Age Groups
RT Amniotic Fluid
RT Congenital Malformations
RT Embryos
RT Fetal Membranes
RT Ontogenesis
RT Pregnancy
RT Prenatal Irradiation
RT Uterus

FEULGEN METHOD [01]
RT Cytochemistry
RT DNA

FEVER [01]
BT1 Symptoms
RT Antipyretics
RT Body Temperature
RT Pyrogens

FEYNMAN DIAGRAM [01]
BT1 Diagrams
RT Quantum Field Theory

FEYNMAN GAS MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
BT1 Statistical Models
BT2 Mathematical Models

FEYNMAN-GELL-MANN THEORY [01]
RT Beta Decay
RT Neutrinos

FEYNMAN METHOD [01]
UF *Welton Method*
RT Neutron Transport Theory
RT Transport Theory

FEYNMAN PATH INTEGRAL [01]
BT1 Integrals
RT Propagator
RT Quantum Mechanics

FFTF REACTOR [01]
UF *Fast Flux Test Facility Reactor*
UF *FTR Reactor (Richland)*
UF *Richland FFTF Reactor*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

FIAN SYNCHROTRON [01]
UF *Lebedev Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

FIBER OPTICS [01]
DA September 1978
RT Light Transmission
RT Optical Equipment
RT Optical Properties
DEF The technique of transmitting light through long thin, flexible fibers of glass, plastic, or other transparent materials.

FIBERGLASS [01]
DA April 1978
BT1 Materials
RT Glazing Materials

FIBERS [01]
NT1 Carbon Fibers
RT Aramids
RT Cotton
RT Dacron
RT Jute
RT Mineral Wool
RT Rayon
RT Wool

Fibration (Topological Maps)
USE Mapping Fibration

FIBRIN [01]
BT1 Blood Coagulation Factors
BT1 Scleroproteins
BT2 Proteins
BT3 Organic Compounds

FIBRINOGEN [01]
BT1 Blood Coagulation Factors
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds

FIBRINOLYSIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Blood Coagulation
RT Blood Coagulation Factors
RT Fibrinolysis
RT Thrombosis

FIBRINOLYSIS [01]
BT1 Proteolysis
BT2 Decomposition
BT3 Chemical Reactions
RT Fibrinolysin
RT Streptokinase
RT Urokinase

FIBROBLASTS [01]
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Collagen
RT Fibrosis
RT L Cells

FIBROSARCOMAS [01]
BT1 Sarcomas
BT2 Neoplasms
BT3 Diseases

FIBROSIS [01]
BT1 Pathological Changes
BT2 Diseases
RT Connective Tissue
RT Fibroblasts

FICK LAWS [01]
RT Diffusion
RT Neutron Diffusion Equation
RT Neutron Transport Theory

FIELD ALGEBRA [01]
RT Current Algebra
RT Parastatistics
RT Quantum Field Theory

FIELD EFFECT TRANSISTORS [01]
UF *Unipolar Transistors*
BT1 Transistors
BT2 Semiconductor Devices

FIELD EMISSION [01]
BT1 Emission
RT Electron Emission
RT Ion Emission
RT Ion Microscopy

Field Emission Microscopy
USE Ion Microscopy

FIELD EQUATIONS [01]
BT1 Equations
NT1 Einstein Field Equations
NT1 Einstein-Maxwell Equations
NT1 sine-Gordon Equation
RT Field Theories
RT General Relativity Theory
RT Instantons
RT Maxwell Equations
RT Solitons

Field Ion Microscopy
USE Ion Microscopy

FIELD OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
RT Quantum Field Theory
RT Vacuum States

FIELD-REVERSED MIRROR REACTORS
DA April 1978
UF *FRM Devices (Thermonuclear)*
BT1 Magnetic Mirror Type Reactors
BT2 Thermonuclear Reactors

FIELD TESTS
DA February 1979
RT Bench-Scale Experiments
RT Demonstration Plants
RT Process Development Units

FIELD THEORIES [01]
NT1 Einstein-Schroedinger Theory
NT1 General Relativity Theory
NT2 Relativity Theory
NT1 Quantum Field Theory
NT2 Axiomatic Field Theory
NT3 Algebraic Field Theory
NT3 LSZ Theory
NT3 Wightman Field Theory
NT2 Constructive Field Theory
NT2 Lagrangian Field Theory
NT2 PHI4-Field Theory
NT2 Quantum Chromodynamics
NT2 Quantum Electrodynamics
NT3 Schwinger-Tomonaga Formalism
NT2 Quantum Flavordynamics
NT2 Quantum Gravity
NT2 Yukawa Nonlocal Theory
NT1 Weyl Unified Theory
RT Electrodynamics
RT Field Equations

Fields (Crossed)
USE Crossed Fields

Fields (Electric)
USE Electric Fields

Fields (Gravitational)
USE Gravitational Fields

Fields (Magnetic)
USE Magnetic Fields

FIERZ INTERFERENCE [01]
RT Beta Decay

FIERZ-PAULI THEORY [01]
RT Quantum Mechanics

FIFTH SOUND [01]
DA November 1977
RT Superfluidity

FIGS [01]
BT1 Fruits
BT2 Food

FIJI [01]
BT1 Islands
RT Pacific Ocean

Filament (Plasma)
USE Plasma Filament

FILAMENT CRYSTAL COUNTERS [01]
BT1 Crystal Counters

BT2 Radiation Detectors
BT3 Measuring Instruments
RT Gamma Detection
DEF Gamma counter filled with crystalline argon, xenon, methane, etc. at cryogenic temperatures.

FILAMENTS [01]
RT Wires

FILARIASIS [01]
DA October 1975
BT1 Infectious Diseases
BT2 Diseases
RT Nematodes
RT Parasites

FILL FACTORS
DA January 1975
RT Power Demand
RT Power Generation
DEF Fraction of power available to a load.

FILLER METALS [01]
RT Brazing Alloys
RT Welding

FILLERS [01]
RT Binders

Filling Stations
DA May 1979
USE Gasoline Service Stations

Film Badges
USE Photographic Film Dosemeters

FILM BOILING [01]
BT1 Boiling
BT2 Phase Transformations

FILM CONDENSATION [01]
BT1 Vapor Condensation
RT Steam Condensers

FILM COOLING [01]
BT1 Cooling

Film Dosemeters
USE Photographic Film Dosemeters

FILM DOSIMETRY [01]
BT1 Dosimetry
RT Photographic Film Dosemeters

FILM FLOW [01]
DA May 1975
BT1 Fluid Flow
RT Helium II
RT Superfluidity

FILMLESS SPARK CHAMBERS [01]
BT1 Spark Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments
NT1 Sonic Spark Chambers
NT1 Wire Spark Chambers

FILMS [01]
(Not for PHOTOGRAPHIC FILMS or NUCLEAR EMULSIONS.)
NT1 Superconducting Films
RT Coatings
RT Foils
RT Heat Mirrors
RT Layers
RT Waterproofing

FILTERS [01]
NT1 Air Filters
NT1 Electric Filters
NT1 Fabric Filters
NT1 Mechanical Filters
NT2 Granular Bed Filters
NT1 Optical Filters
RT Aerosols
RT Baghouses
RT Diatomaceous Earth
RT Dust Collectors
RT Dusts
RT Filtration
RT Respirators
RT Samplers
RT Suspensions
RT Ultrafiltration
RT Ventilation

Filters (Electric)
USE Electric Filters

FILTRATION [01]
BT1 Separation Processes
RT Filters
RT Hot Gas Cleanup

FINAL-STATE INTERACTIONS [01]
BT1 Interactions
RT Proximity Scattering

FINANCIAL DATA
DA January 1975
BT1 Data
BT2 Information
RT Budgets
RT Economics
RT Reactor Licensing

FINANCIAL INCENTIVES
DA December 1976
SF *Incentives*
UF *Tax Credits*
NT1 Subsidies
RT Depletion Allowances
RT Economics
RT Financing
RT Legal Incentives
RT Taxes

Financial Penalties
DA July 1979
USE Charges

FINANCING [01]
DA January 1975
RT Budgets
RT Capital
RT Cost
RT Economics
RT Economy
RT Financial Incentives
RT Interest Rate
RT Investment
RT Subsidies

Fine Control Rods
USE Regulating Rods

FINE STRUCTURE [01]
RT Paschen-Back Effect
RT Sommerfeld Constant
RT Spectra

Fingerprinting (Oil Spills)
DA August 1978
USE Oil Spills
AND Pattern Recognition

FINGERS [01]
BT1 Hands
BT2 Limbs
BT3 Body Areas
BT4 Body
RT Nails

Finishing (Surface)
USE Surface Finishing

FINITE DIFFERENCE METHOD [01]
BT1 Iterative Methods
BT1 Numerical Solution
RT Analytical Solution
RT Differential Equations
RT Finite Element Method
RT Mathematics

FINITE ELEMENT METHOD [01]
BT1 Numerical Solution
RT Differential Equations
RT Finite Difference Method
RT Mathematics

FINITE-RANGE INTERACTIONS [01]
BT1 Interactions
RT Nuclear Reaction Kinetics
RT Zero-Range Approximation

FINLAND [01]
BT1 Scandinavia
BT2 Europe

FINNISH ORGANIZATIONS [01]
DA November 1976
BT1 National Organizations

Finnish Reactor-1
USE FIR-1 Reactor

FINS [01]
RT Reactor Components
RT Spacers
RT Vanes

FIR-1 REACTOR [01]
UF *Finnish Reactor-1*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FIRE EXTINGUISHERS [01]
RT Fire Fighting
RT Fires
RT Safety

FIRE FIGHTING
DA April 1978
RT Fire Extinguishers
RT Fires
RT Safety

FIRE HAZARDS [01]
BT1 Hazards
RT Fire Prevention
RT Fires
RT Spontaneous Combustion

FIRE PREVENTION
DA August 1975
RT Combustion
RT Fire Hazards
RT Fire Resistance
RT Fires
RT Safety
RT Spontaneous Combustion

FIRE RESISTANCE [01]
RT Fire Prevention
RT Fires
RT Thermal Insulation

FIREBALL MODEL [01]
UF *Two-Fireball Model*
BT1 Particle Models
BT2 Mathematical Models

RT Centauro-Type Events
RT Cluster Emission Model

FIREBALLS
DA May 1979
NT1 Nuclear Fireballs

Firedamp
DA April 1978
USE Methane

Firehose Instability
DA May 1975
USE Hose Instability

FIREPLACES
DA June 1977
BT1 Heat Sources
RT Space Heating

FIRES [01]
RT Accidents
RT Burns
RT Combustion
RT Disasters
RT Explosions
RT Fire Extinguishers
RT Fire Fighting
RT Fire Hazards
RT Fire Prevention
RT Fire Resistance
RT Hazards
RT Safety Engineering
RT Spontaneous Combustion

Firestreak Model
DA October 1978
USE Nuclear Fireball Model

FIRST AID [01]
BT1 Therapy
RT Accidents
RT Health Hazards
RT Injuries
RT Safety Showers
RT Single Intake

FIRST WALL [01]
DA October 1975
BT1 Thermonuclear Reactor Walls
RT Wall Loading

FISCHER ASSAY
DA January 1975
RT Oil Shales
RT Shale Oil

FISCHER-TROPSCH SYNTHESIS [01]
UF *Synthine Process*
BT1 Chemical Reactions
RT Hydrocarbons
RT Hydrogenation

Fish Culture
DA November 1975
USE Aquaculture

Fish Meal
USE Fish Products

FISH OIL [01]
DA December 1976
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds

FISH PRODUCTS [01]
UF *Fish Meal*
NT1 Seafood

FISH SCALES
DA May 1977
RT Fishes

FISHERY LAWS [01]
BT1 Laws

FISHES [01]
UF *Misgurnus*
BT1 Aquatic Organisms
BT1 Vertebrates
BT2 Animals
NT1 Codfish
NT1 Eel
NT1 Goldfish
NT1 Plaice
NT1 Salmon
NT1 Striped Bass
NT1 Trout
NT1 Tuna
RT Aquaculture
RT Fish Scales
RT Food
RT Gills
RT Ichthyoplankton
RT Seafood
RT Surface Waters

FISHING INDUSTRY [01]
DA January 1976
BT1 Industry

FISSILE MATERIALS [01]
BT1 Fissionable Materials
RT Fission
RT Nuclear Fuels
RT Nuclear Materials Management
DEF Materials containing nuclides capable of undergoing fission by interaction with neutrons of any energy, e.g. uranium-233, uranium-235, and plutonium-239.

FISSION [01]
UF *Disintegration (Fission)*
BT1 Nuclear Reactions
NT1 Binary Fission
NT1 Electrofission
NT1 Fast Fission
NT1 Photofission
NT1 Quaternary Fission
NT1 Spontaneous Fission
NT1 Ternary Fission
NT1 Thermal Fission
RT Bohr-Wheeler Theory
RT Chain Reactions
RT Criticality
RT Fast Fission Factor
RT Fissile Materials
RT Fission Barrier
RT Fission Fragments
RT Fission Products
RT Fission Spectra
RT Fission Yield
RT Fissionable Materials
RT Fissioning Plasma
RT Governor Model
RT Nuclear Explosions
RT Order-Disorder Model
RT Quasi-Fission
RT Reactors
RT Recoils
RT Snell Experiment
RT Strutinsky Theory
RT Subcriticality
RT Thermal Fission Factor
RT Watt Fission Spectrum

FISSION BARRIER [01]
BT1 Nuclear Potential
BT2 Potentials
RT Excitation
RT Fission

FISSION CHAMBERS [01]
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Threshold Detectors

FISSION FOIL DETECTORS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Activation Detectors
RT Dielectric Track Detectors
RT Threshold Detectors

FISSION FRAGMENT DETECTION [01]
BT1 Radiation Detection
BT2 Detection
RT Charged Particle Detection
RT Radiation Detectors

FISSION FRAGMENT SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

FISSION FRAGMENTS [01]
UF *Fragments (Fission)*
BT1 Nuclear Fragments
RT Fission
RT Fission Tracks

FISSION ISOMERS [01]
RT Isomeric Nuclei
RT Spontaneous Fission

FISSION NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
NT1 Delayed Neutrons
NT1 Prompt Neutrons
RT Multiplication Factors

FISSION POISONS [01]
BT1 Nuclear Poisons
BT2 Reactor Materials

FISSION PRODUCT RELEASE [01]
DA January 1975
RT Degassing
RT Desorption
RT Fission Products
RT Removal

FISSION PRODUCTS [01]
UF *Debris (Nuclear)*
BT1 Isotopes
BT1 Radioactive Materials
RT Accidents
RT Containment
RT Containment Systems
RT Fallout
RT Fission
RT Fission Product Release
RT Fission Yield
RT Fissium
RT Fong Theory
RT Fuel Reprocessing Plants
RT Nuclear Explosions
RT Radioactive Wastes
RT Reactors
RT Spent Fuels

FISSION RATIO [01]
RT Capture-to-Fission Ratio
RT Resonance Neutrons

FISSION SPECTRA [01]
UF *Spectra (Fission)*
RT Fission
RT Prompt Neutrons

FISSION THERMOCOUPLE DETECTORS
DA March 1979
UF *Thermopiles*
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Thermocouples
DEF Neutron detector using a thin film of fissile material overlaid on a thermocouple junction.

FISSION TRACKS [01]
BT1 Particle Tracks
RT Age Estimation
RT Fission Fragments

FISSION YIELD [01]
UF *Yield (Fission)*
BT1 Nuclear Reaction Yield
BT2 Yields
RT Fission

RT Fission Products

FISSIONABLE MATERIALS [01]
NT1 Fissile Materials
RT Accelerator Breeders
RT Fission
RT Fuel Cycle
RT Nuclear Materials Management
RT Radioactive Wastes
DEF Materials containing nuclides capable of undergoing fission only by fast neutrons with energy greater than 1MeV, e.g., thorium-232 and uranium-238.

Fissionable Materials Management
USE Nuclear Materials Management

FISSIONING PLASMA [01]
BT1 Plasma
RT Chain Reactions
RT Fission
RT Gas Fuels
RT Space Propulsion Reactors

FISSIUM [01]
RT Fission Products
RT Nuclear Fuels

Fissured Formations
DA August 1977
USE Fractured Reservoirs

FISTULAE [01]
BT1 Pathological Changes
BT2 Diseases
RT Necrosis
RT Ulcers

FITZPATRICK REACTOR [01]
UF *Easton Power Reactor*
UF *James A. Fitzpatrick Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

Fixation (Waste Treatment)
USE Solidification

Fixed Bed
DA May 1976
USE Packed Bed

FIXED MIRROR COLLECTORS
DA August 1978
BT1 Concentrating Collectors
BT2 Solar Collectors

Flagyl
DA February 1975
USE Metronidazole

FLAME CHAMBER PROCESS
DA November 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
DEF High temperature waste combustion process in which waste is fed into ring column created between two concentric cylinders causing combustion steps to be above each other rather than following each other.

FLAME PROPAGATION
DA September 1976
RT Combustion Kinetics
RT Flames
RT Flashback

FLAME SPRAYING [01]
BT1 Spray Coating
BT2 Surface Coating
BT3 Deposition

Flame Temperature
DA November 1975
USE Combustion Properties

FLAMES [01]
NT1 Verneuil Method
RT Combustion
RT Flame Propagation
RT Flashback
RT Ignition
RT Inhibition
RT Stagnation Point

FLAMMABILITY [01]
DA April 1976
RT Combustion
RT Ignition

FLANGES [01]
RT Joints

FLASH BURNS [01]
BT1 Burns
BT2 Injuries

FLASH HEATING [01]
BT1 Heating
RT Distillation
RT Evaporation
RT Steam

FLASH HYDROPYROLYSIS PROCESS
DA July 1976
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
RT Hydrogenation
RT Pyrolysis
DEF Process for converting coal to liquid and gaseous hydrocarbons directly by rapidly heating coal with preheated hydrogen to reaction temperatures followed by rapid cooling.

Flash Point
DA November 1975
USE Combustion Properties

FLASH TUBES [01]
BT1 Gas Discharge Tubes
BT2 Electron Tubes

FLASH WELDING [01]
BT1 Resistance Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

FLASHBACK
DA January 1977
RT Blowoff
RT Burners
RT Chemical Explosions
RT Flame Propagation
RT Flames
DEF Backward burning of a flame into the lip of a burner or torch.

FLASHED STEAM SYSTEMS
DA May 1975
RT Flashing
RT Geothermal Energy Conversion
RT Steam
RT Steam Separators
RT Steam Turbines
RT Thermodynamic Cycles
DEF A system in which a well-head mixture of hot water and steam is flashed in a separator; the saturated steam, then, is used to drive multistage turbines, and the remaining hot liquid is discarded.

FLASHING
DA January 1975
BT1 Evaporation
BT2 Phase Transformations
RT Flashed Steam Systems
RT Steam
RT Thermal Waters

FLASHOVER
DA September 1975
BT1 Electric Currents
BT2 Currents
BT1 Electric Discharges
RT Electric Arcs
RT Electric Sparks
RT Electrical Faults

Flasks
USE Casks

FLAT MAGNETIC SPECTROMETERS [01]
UF *Double Focusing Spectrometers*
UF *Iron-Free Spectrometers*
UF *Orange-Type Spectrometers*
UF *Semicircular Spectrometers*
UF *Siegbahn Spectrometers*
UF *Spiral Orbit Spectrometers*
BT1 Magnetic Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

FLAT MIRRORS
DA January 1975
BT1 Mirrors

FLAT PLATE COLLECTORS
DA January 1975
BT1 Solar Collectors
NT1 Trickle-Type Collectors
RT Solar Air Heaters

Flattening (Neutron Flux)
USE Neutron Flux Flattening

FLATTOP REACTOR [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

FLAVENOIDS [01]
DA September 1975
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Flavones
NT2 Hesperidin
NT2 Morin
NT2 Quercetin

FLAVINES [01]
BT1 Acridines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Amines
BT2 Organic Compounds
NT1 Acriflavine
NT1 Proflavine

Flavins
USE Isoalloxazines

FLAVONES [01]
BT1 Flavenoids
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
NT1 Hesperidin
NT1 Morin
NT1 Quercetin

Flavoprotein Enzymes
USE Diaphorases

FLAVOR [01]
BT1 Organoleptic Properties
RT Chemoreceptors
RT Spices
RT Taste Buds

FLAVOR MODEL [01]
DA October 1977

BT1 Quark Model
BT2 Composite Models
BT3 Particle Models
BT4 Mathematical Models
RT Quantum Flavordynamics
RT Quantum Numbers

Flavordynamics
DA May 1979
USE Quantum Flavordynamics

Flaws
USE Defects

FLAX PLANTS [01]
UF *Linseed Plants*
BT1 Plants
RT Linseed Oil

Flaxseed Oil
USE Linseed Oil

FLEXIBILITY [01]
BT1 Tensile Properties
BT2 Mechanical Properties
RT Flexural Strength

FLEXITIME
DA June 1977
RT Personnel
RT Working Conditions

FLEXURAL STRENGTH [01]
UF *Strength (Flexural)*
BT1 Mechanical Properties
RT Bending
RT Flexibility

FLIBE [01]
(Molten Salt of fluorine, lithium, and beryllium.)
DA October 1975
BT1 Molten Salts
BT2 Salts
RT Beryllium Fluorides
RT Breeding Blankets
RT Lithium Fluorides
RT Thermonuclear Reactor Walls

FLIES [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
NT1 Fruit Flies
NT2 Ceratitis Capitata
NT2 Dacus
NT3 Dacus Oleae
NT2 Drosophila
NT2 Rhagoletis Cerasi
NT1 Glossina
NT1 Hylemya Antiqua
NT1 Screwworm Fly

FLINTLOCK OPERATION
DA November 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

FLIP-FLOP CIRCUITS [01]
UF *Eccles-Jordan Circuits*
BT1 Multivibrators
BT2 Pulse Circuits
BT3 Electronic Circuits

Floating Nuclear Power Plant-Sturgis
USE MH-1A Reactor

Floating Nuclear Power Plants
USE Offshore Nuclear Power Plants

Floating Zone Techniques
USE Zone Melting

FLOCCULATION [01]
UF *Coagulation (Colloid)*
UF *Colloid Coagulation*
BT1 Precipitation
BT2 Separation Processes
RT Coprecipitation

FLOOD CONTROL
DA April 1975
RT Dams
RT Power Generation
RT Rivers

FLOODS [01]
BT1 Disasters
RT Hydrology
RT Runoff
RT Surface Waters

FLOORS
DA September 1975
RT Buildings

FLOQUET FUNCTION [01]
BT1 Functions
RT Differential Equations

Florence Oil
USE Olive Oil

FLORENCITE [01]
BT1 Aluminium Phosphates
BT2 Aluminium Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Cerium Phosphates
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials

FLORIDA [01]
BT1 Southeast Region
BT1 USA
BT2 North America
NT1 Cape Kennedy
RT Biscayne Bay
RT Chattahoochee River
RT Everglades National Park
RT Pinellas Plant

Florida Current
DA June 1977
USE Gulf Stream

Florida University Reactor
USE UFTR Reactor

FLOTATION [01]
BT1 Separation Processes
RT Coal Preparation
RT Foam Separation
RT Ore Enrichment
RT Ore Processing
RT Waste Processing

FLOUR [01]
BT1 Food
RT Bread
RT Cereals

Flow (Fluid)
USE Fluid Flow

FLOW BLOCKAGE [01]
RT Fluid Flow

FLOW COUNTERS [01]
UF *Fluid Flow Counters*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Geiger-Mueller Counters
RT Proportional Counters

Flow Cytometers
DA September 1976
USE Cell Flow Systems

FLOW MODELS [01]
UF *Models (Flow)*
BT1 Mathematical Models
RT Fluid Flow

FLOW RATE [01]
RT Dynamic Function Studies
RT Flow Regulators
RT Flowmeters
RT Fluid Flow
RT Hydraulics
RT Mach Number
RT Plasma Eaters
RT Pressure Drop
RT Velocity

FLOW REGULATORS [01]
BT1 Control Equipment
BT2 Equipment
NT1 Valves
NT2 Relief Valves
NT2 Water Faucets
RT Flow Rate

Flow Sheets
USE Flowsheets

FLOW STRESS [01]
BT1 Stresses
RT Plasticity

FLOWERS [01]
(For reproductive organs of plants.)
NT1 Stamen
RT Plants
RT Pollen
RT Reproduction

FLOWMETERS [01]
BT1 Measuring Instruments
RT Anemometers
RT Flow Rate
RT Nozzles
RT Orifices
RT Pitot Tubes
RT Venturi Tubes

FLOWSHEETS [01]
UF *Flow Sheets*
BT1 Diagrams

FLUCTUATIONS [01]
(Stochastic Variations.)
DA July 1975
BT1 Variations
RT Noise

FLUE GAS [01]
DA January 1975
BT1 Gaseous Wastes
BT2 Wastes
RT Combustion Products
RT Draft Control Systems

Fluence (Neutron)
USE Neutron Fluence

FLUID FLOW [01]
UF *Flow (Fluid)*
NT1 Capillary Flow
NT1 Compressible Flow
NT1 Critical Flow
NT1 Film Flow
NT1 Gas Flow
NT2 Knudsen Flow
NT2 Slip Flow
NT1 Hypersonic Flow
NT1 Ideal Flow
NT1 Incompressible Flow
NT1 Laminar Flow
NT1 Liquid Flow
NT1 Multiphase Flow
NT1 Potential Flow
NT1 Steady Flow
NT1 Subsonic Flow
NT1 Supersonic Flow
NT1 Swirl Flow
NT1 Transition Flow
NT1 Transonic Flow
NT1 Turbulent Flow
NT1 Two-Phase Flow
NT1 Unsteady Flow
NT1 Viscous Flow
NT2 Couette Flow
NT1 Vortex Flow
RT Baffles
RT Bernoulli Law

RT Boundary Layers
RT Cavitation
RT Continuity Equations
RT Darcy Law
RT Diffusers
RT Flow Blockage
RT Flow Models
RT Flow Rate
RT Fluid Mechanics
RT Fluids
RT Froude Number
RT Hartmann Number
RT Heat Transfer
RT Helmholtz Instability
RT Hydraulics
RT Hydrodynamics
RT Jets
RT Magnetohydrodynamics
RT Mass Transfer
RT Oseen Method
RT Pressure Drop
RT Rayleigh-Taylor Instability
RT Reactor Cooling Systems
RT Reynolds Number
RT Shear
RT Stagnation
RT Superfluidity
RT Turbulence
RT Two-Stream Instability
RT Viscosity

Fluid Flow Counters
USE Flow Counters

FLUID FUELED REACTORS [01]
UF *Dust Fueled Reactors*
BT1 Reactors
NT1 Gas Fueled Reactors
NT2 Coaxial Flow Reactors
NT2 Light Bulb Reactors
NT2 Plasma Core Assembly
NT1 Liquid Homogeneous Reactors
*NT2 Aqueous Homogeneous Reactors
NT1 Molten Salt Fueled Reactors
RT Fluidized Bed Reactors
RT Liquid Metal Fuels

FLUID INJECTION
DA March 1976
NT1 Gas Injection
NT1 Miscible-Phase Displacement
NT2 Carbon Dioxide Injection
NT2 Microemulsion Flooding
NT1 SOLFRAC Process
NT1 Steam Injection
NT1 Waterflooding
NT2 Caustic Flooding
RT Pressurizing
DEF Injection of fluid into a reservoir to maintain pressure in formation or to produce artificial fluid drive in the formation.

FLUID INJECTION PROCESSES
DA June 1975
UF *Cyclic Steam Injection Process*
UF *Huff and Puff Process*
UF *Steam Drive Process*
NT1 Cold-Water Processes
NT1 Hot-Water Processes
NT1 Steam Soak Processes
RT Oil Sands

FLUID MECHANICS [01]
BT1 Mechanics
NT1 Aerodynamics
NT1 Electrogasdynamics
NT1 Friction Factor
NT1 Hydraulics
NT1 Hydrodynamics
NT2 Electrohydrodynamics
NT2 Magnetohydrodynamics
NT1 Magnetogasdynamics
NT1 Pneumatics
RT Drag
RT Fluid Flow
RT Fluids
RT Gravity Waves
RT Hydrostatics
RT Stagnation Point

FLUID POISON CONTROL [01]
UF *Chemical Shimming*
RT Burnable Poisons
RT Reactor Control Systems
RT Scram
RT Soluble Poisons

FLUID WITHDRAWAL
DA November 1975
UF *Ground Water Withdrawal*
RT Geothermal Fluids
RT Ground Water
DEF The process of withdrawing fluids such as ground water from a source, also the quantity of fluid withdrawn.

FLUIDIC COMPUTERS [01]
BT1 Computers

FLUIDIC CONTROL DEVICES [01]
BT1 Control Equipment
BT2 Equipment
BT1 Fluidic Devices

FLUIDIC DEVICES [01]
NT1 Fluidic Control Devices

FLUIDIZATION [01]
DA April 1975
RT Desulfurization
RT Fluidized Bed
RT Fluidized-Bed Combustion
RT Fluidized Bed Reactors

FLUIDIZED BED
RT CAFB Process
RT Chemical Reactions
RT Ebullated Bed
RT Fluidization
RT Fluidized-Bed Combustors
RT Packed Bed
RT Suspensions

FLUIDIZED-BED COMBUSTION [01]
DA April 1975
BT1 Combustion
BT2 Oxidation
BT3 Chemical Reactions
BT2 Thermochemical Processes
RT Coal
RT Fluidization
RT Fluidized-Bed Combustors
DEF The combustion of pulverized coal (or other material) in a fluidized bed with limestone or dolomite to both suppress sulfur emission (by chemically combining the sulfur with the bed material) and to limit the tendency of atmospheric nitrogen and oxygen to combine into nitrogen oxides (by limiting the temperature of the combustion reaction).

FLUIDIZED-BED COMBUSTORS
DA November 1976
BT1 Burners
BT1 Combustors
RT Coal
RT Fluidized Bed
RT Fluidized-Bed Combustion
RT Pollution Control Equipment

FLUIDIZED BED HEAT EXCHANGERS
DA July 1977
BT1 Heat Exchangers

FLUIDIZED BED HYDROGENATION PROCESS
DA January 1976
UF *FBH Process*
BT1 SNG Processes
RT Hydrocarbons
RT Petroleum
DEF Production of methane- and ethane-rich gas at elevated temperatures and pressure from hydrocarbons.

FLUIDIZED BED REACTORS [01]
BT1 Fuel Dispersion Reactors
BT2 Homogeneous Reactors
BT3 Reactors
RT Fluid Fueled Reactors
RT Fluidization

FLUIDIZED BED REFUSE GASIFICATION
DA November 1976
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Coal Gasification
RT Oil Shales
DEF Partial oxidation pyrolysis using air and air or steam for gasification and catalysts to increase thermal efficiency. May be used for coal or oil shale gasification. Produces fuel gas.

FLUIDS [01]
(Not for BODY FLUIDS.)
NT1 Cryogenic Fluids
NT2 Helium
NT2 Hydrogen
NT2 Methane
NT2 Nitrogen
NT2 Oxygen
NT1 Gases
NT2 Air
NT3 Compressed Air
NT3 Surface Air
NT2 Coal Gas
NT2 Compressed Gases
NT2 Cosmic Gases
NT2 Dissociating Gases
NT2 Fuel Gas
NT3 High BTU Gas
NT3 Intermediate BTU Gas
NT4 Carburetted Water Gas
NT4 Town Gas
NT4 Water Gas
NT3 Low BTU Gas
NT4 Producer Gas
NT3 Natural Gas
NT4 Liquefied Natural Gas
NT2 Gas Yields
NT2 Ionized Gases
NT3 Fully Ionized Gases
NT4 Lorentz Gas
NT3 Strongly Ionized Gases
NT3 Weakly Ionized Gases
NT2 Rarefied Gases
NT2 Refinery Gases
NT2 Shale Gas
NT2 Synthesis Gas
NT2 Vapors
NT3 Water Vapor
NT2 Volcanic Gases
NT1 Geothermal Fluids
NT2 Fumarolic Fluids
NT2 Natural Steam
NT1 Heat Transfer Fluids
NT1 Liquids
NT2 Black Liquids
NT2 Liquid Crystals
NT2 Liquid Metals
NT1 Quantum Fluids
NT2 Helium II
NT1 Reservoir Fluids
NT1 Working Fluids
RT Fluid Flow
RT Fluid Mechanics
RT Pour Point

Flukes
USE Trematodes

FLUOR ECONAMINE PROCESS
DA January 1975
RT Desulfurization

DEF Process for the removal of acidic impurities, H_2S and CO_2, from gas streams using an aqueous solution of the primary alkanolamine, diglycolamine.

FLUOR SOLVENT PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of high concentrations of acidic impurities, CO_2 and H_2S, from natural or synthetic gas streams using anhydrous propylene carbonate.

FLUORATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Fluorine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

FLUORENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

FLUORESCEIN [01]
BT1 Dyes
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
NT1 Erythrosine
RT Fluorescence
RT Phthalic Acid

FLUORESCENCE [01]
BT1 Luminescence
RT Fluorescein
RT Fluorescence Spectroscopy
RT Radiationless Decay
RT X-Ray Fluorescence Analysis

FLUORESCENCE SPECTROSCOPY [01]
UF *Atomic Fluorescence Spectroscopy*
UF *Fluorimetry*
UF *Molecular Fluorescence Spectroscopy*
BT1 Emission Spectroscopy
BT2 Spectroscopy
RT Fluorescence
RT Laser Spectroscopy
RT Quantitative Chemical Analysis
RT X-Ray Fluorescence Analysis

FLUORESCENT LAMPS
DA July 1977
UF *Litek Lamp*
BT1 Light Bulbs
RT Ballasts
RT Lighting Systems

Fluorescent Penetrant Tests
USE Liquid Penetrant Inspection

FLUORIDE VOLATILITY PROCESS [01]
BT1 Pyrometallurgy
BT2 Extractive Metallurgy
BT3 Metallurgy
BT1 Reprocessing
BT2 Separation Processes
RT Distillation
RT Refining
RT Volatility

FLUORIDES [01]
BT1 Fluorine Compounds
BT2 Halogen Compounds
BT1 Halides
BT2 Halogen Compounds
NT1 Actinium Fluorides
NT1 Aluminium Fluorides
NT1 Americium Fluorides
NT1 Antimony Fluorides
NT1 Argon Fluorides
NT1 Arsenic Fluorides
NT1 Barium Fluorides
NT1 Berkelium Fluorides
NT1 Beryllium Fluorides
NT1 Bismuth Fluorides
NT1 Boron Fluorides
NT1 Bromine Fluorides
NT1 Cadmium Fluorides
NT1 Calcium Fluorides
NT2 Fluorite
NT1 Californium Fluorides
NT1 Carbon Fluorides
NT1 Cerium Fluorides
NT1 Cesium Fluorides
NT1 Chlorine Fluorides
NT1 Chromium Fluorides
NT1 Cobalt Fluorides
NT1 Copper Fluorides
NT1 Curium Fluorides
NT1 Dysprosium Fluorides
NT1 Erbium Fluorides
NT1 Europium Fluorides
NT1 Francium Fluorides
NT1 Gadolinium Fluorides
NT1 Gallium Fluorides
NT1 Germanium Fluorides
NT1 Gold Fluorides
NT1 Hafnium Fluorides
NT1 Helium Fluorides
NT1 Holmium Fluorides
NT1 Indium Fluorides
NT1 Iodine Fluorides
NT1 Iridium Fluorides
NT1 Iron Fluorides
NT1 Krypton Fluorides
NT1 Lanthanum Fluorides
NT1 Lead Fluorides
NT1 Lithium Fluorides
NT1 Lutetium Fluorides
NT1 Magnesium Fluorides
NT1 Manganese Fluorides
NT1 Mercury Fluorides
NT1 Molybdenum Fluorides
NT1 Neodymium Fluorides
NT1 Neon Fluorides
NT1 Neptunium Fluorides
NT1 Nickel Fluorides
NT1 Niobium Fluorides
NT1 Nitrogen Fluorides
NT1 Osmium Fluorides
NT1 Palladium Fluorides
NT1 Phosphorus Fluorides
NT1 Platinum Fluorides
NT1 Plutonium Fluorides
NT1 Polonium Fluorides
NT1 Potassium Fluorides
NT1 Praseodymium Fluorides
NT1 Promethium Fluorides
NT1 Protactinium Fluorides
NT1 Radium Fluorides
NT1 Radon Fluorides
NT1 Rhenium Fluorides
NT1 Rhodium Fluorides
NT1 Rubidium Fluorides
NT1 Ruthenium Fluorides
NT1 Samarium Fluorides
NT1 Scandium Fluorides
NT1 Selenium Fluorides
NT1 Silicon Fluorides
NT1 Silver Fluorides
NT1 Sodium Fluorides
NT1 Strontium Fluorides
NT1 Sulfur Fluorides
NT1 Tantalum Fluorides
NT1 Technetium Fluorides
NT1 Tellurium Fluorides
NT1 Terbium Fluorides
NT1 Thallium Fluorides
NT1 Thorium Fluorides
NT1 Thulium Fluorides
NT1 Tin Fluorides
NT1 Titanium Fluorides
NT1 Tungsten Fluorides
NT1 Uranium Fluorides
NT2 Uranium Hexafluoride
NT2 Uranium Pentafluoride
NT2 Uranium Tetrafluoride
NT1 Uranyl Fluorides
NT1 Vanadium Fluorides
NT1 Xenon Fluorides
NT1 Ytterbium Fluorides
NT1 Yttrium Fluorides
NT1 Zinc Fluorides
NT1 Zirconium Fluorides
RT Fluorine Additions
RT Hydrofluoric Acid
RT Oxyfluorides

FLUORIMETERS [01]
DA January 1975
BT1 Measuring Instruments
DEF An absorbing screen of varying thickness or other instrument used for measuring the intensity of fluorescence.

Fluorimetry
USE Fluorescence Spectroscopy

FLUORINATED ALICYCLIC HYDROCARBONS
DA February 1975
BT1 Halogenated Alicyclic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

FLUORINATED ALIPHATIC HYDROCARBONS
DA May 1975
BT1 Halogenated Aliphatic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Carbon Tetrafluoride
NT1 Fluoroform
NT1 Methyl Fluoride
NT1 Polytetrafluoroethylene
NT2 Teflon
NT1 Tedlar

FLUORINATED AROMATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aromatic Hydrocarbons
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

FLUORINATION [01]
BT1 Halogenation
BT2 Chemical Reactions

FLUORINE [01]
UF *Fluorine Fluorides*
BT1 Halogens
BT2 Nonmetals
BT3 Elements

FLUORINE 14 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

FLUORINE 15 [01]
DA September 1978

BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FLUORINE 16 [01]
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei

FLUORINE 17 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

FLUORINE 18 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FLUORINE 19 [01]
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Fluorine 19 Reactions

FLUORINE 20 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FLUORINE 21 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FLUORINE 22 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FLUORINE 23 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FLUORINE 24 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FLUORINE 25 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FLUORINE ADDITIONS
DA January 1975
RT Fluorides

FLUORINE 19 BEAMS [01]
DA November 1976
BT1 Ion Beams
BT2 Beams

Fluorine Bromides
USE Bromine Fluorides

Fluorine Chlorides
USE Chlorine Fluorides

FLUORINE COMPLEXES [01]
BT1 Complexes

FLUORINE COMPOUNDS [01]
BT1 Halogen Compounds
NT1 Fluorates
*NT1 Fluorides
NT1 Fluorine Oxides
NT1 Fluoroborates
NT1 Oxyfluorides
RT Organic Fluorine Compounds

Fluorine Fluorides
USE Fluorine

Fluorine Iodides
USE Iodine Fluorides

FLUORINE IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

FLUORINE ISOTOPES [01]
NT1 Fluorine 14
NT1 Fluorine 15
NT1 Fluorine 16
NT1 Fluorine 17
NT1 Fluorine 18
NT1 Fluorine 19
NT1 Fluorine 20
NT1 Fluorine 21
NT1 Fluorine 22
NT1 Fluorine 23
NT1 Fluorine 24
NT1 Fluorine 25

FLUORINE OXIDES [01]
UF *Oxygen Fluorides*
BT1 Fluorine Compounds
BT2 Halogen Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

FLUORINE 19 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Fluorine 19

FLUORINE 16 TARGET
DA May 1977
BT1 Targets

FLUORINE 18 TARGET
DA August 1979
BT1 Targets

FLUORINE 19 TARGET [01]
DA July 1976
BT1 Targets

FLUORITE [01]
BT1 Calcium Fluorides
BT2 Calcium Halides
BT3 Calcium Compounds
BT4 Alkaline Earth Metal Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Fluorides
BT3 Fluorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT1 Minerals

FLUOROBORATES
DA January 1975
BT1 Boron Compounds
BT1 Fluorine Compounds
BT2 Halogen Compounds
RT Boron Fluorides

Fluorod
USE RPL Dosemeters

Fluorodeoxyuridine
USE FUDR

FLUOROFORM [01]
BT1 Fluorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

FLUOROSCOPY [01]
BT1 Biomedical Radiography
BT2 Diagnostic Techniques
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
RT Image Intensifiers
RT X Radiation

FLUOROURACILS [01]
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
NT1 FUDR

FLUOROX PROCESS [01]
BT1 Reprocessing

BT2 Separation Processes
RT Solvent Extraction

Fluors
DA May 1976
USE Phosphors

FLUREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

FLUTE INSTABILITY [01]
UF *Interchange Instability*
BT1 Instability
RT Hydrodynamics
RT Plasma Macroinstabilities

Flux (Cosmic Ray)
USE Cosmic Ray Flux

Flux (Magnetic)
USE Magnetic Flux

Flux (Metallurgy)
USE Metallurgical Flux

Flux (Neutron)
USE Neutron Flux

Flux (Radiation)
DA May 1976
USE Radiation Flux

FLUX CONSERVING TOKAMAKS
DA August 1979
UF *FCT*
RT Tokamak Devices

FLUX DENSITY [01]
(Use in coordination with the flux considered, e.g. MAGNETIC FLUX, NEUTRON FLUX, etc.)
UF *Density (Flux)*
UF+ *Neutron Flux Density*
NT1 Radiant Flux Density
RT Magnetic Flux
RT Poynting Theorem
RT Radiation Flux

Flux Jumps
USE Magnetic Flux

Flux Pinning
USE Magnetic Flux

FLUX PUMPS [01]
DA January 1975
UF *Superconducting Flux Pumps*
BT1 Electric Generators
BT1 Superconducting Devices
DEF A cryogenic dc generator.

FLUX QUANTIZATION [01]
DA June 1975
RT Magnetic Flux
RT Superconductivity

FLUX SYNTHESIS [01]
RT Neutron Diffusion Equation
RT Neutron Flux

FLUXGATE MAGNETOMETERS [01]
UF *Saturable Core Magnetometers*
BT1 Magnetometers
BT2 Measuring Instruments

FLUXMETERS [01]
BT1 Measuring Instruments
NT1 SQUID Devices
RT Magnetometers

Fluxoids
USE Magnetic Flux

FLY ASH [01]
DA April 1975
UF *Pulverized Fuel Ash*
BT1 Aerosol Wastes
BT2 Wastes
RT Air Pollution
RT Ashes

FLYING SPOT DIGITIZERS [01]
(Mechanical flying spot digitizers; see also CATHODE RAY TUBE DIGITIZERS.)
UF *FSD Devices*
UF *Hough-Powell Devices*
UF *HPD Devices*
BT1 Digitizers

FLYWHEEL ENERGY STORAGE
DA October 1976
BT1 Energy Storage
BT2 Storage
RT Flywheel-Powered Vehicles
RT Flywheels

FLYWHEEL-POWERED VEHICLES
DA March 1979
BT1 Vehicles
RT Flywheel Energy Storage
RT Flywheels

FLYWHEELS [01]
DA January 1975
BT1 Mechanical Energy Storage Equipment
RT Energy Storage
RT Flywheel Energy Storage
RT Flywheel-Powered Vehicles
RT Rotors

FM DEVICES [01]
(Floating multipoles.)
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
RT Multipolar Configurations

FMC DOUBLE ALKALI PROCESS
DA May 1979
RT Desulfurization
RT Waste Processing
DEF SO_2 is adsorbed in sodium sulfite forming bisulfite. This solution is reacted with slaked lime, forming solid calcium sulfite and regenerating the sodium sulfite.

FMIT FACILITY
(Fusion Materials Irradiation Test Facility.)
DA August 1979
BT1 Accelerator Facilities
RT Linear Accelerators
RT Materials Testing
RT Thermonuclear Reactor Materials

FMRB REACTOR [01]
UF *Braunschweig Experimental Reactor*
UF *Braunschweig Research Reactor*
UF *Forschungs und Messreaktor Braunschweig*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

FNR REACTOR [01]
UF *Ford Nuclear Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

FOAM SEPARATION [01]
BT1 Separation Processes
RT Flotation
RT Foams

FOAMS [01]
BT1 Colloids
BT2 Dispersions
NT1 Plastic Foams
RT Boiling Detection
RT Bubbles
RT Foam Separation

Foce Verde Reactor
USE Latina Reactor

Fock Method
USE Hartree-Fock Method

FOCK REPRESENTATION [01]
RT Mathematical Space
RT Quantum Field Theory

Fock Self-Consistent Field
USE Hartree-Fock Method

FOCUSING [01]
RT Beam Optics
RT Beam Shaping
RT Tomography

FOCUSONS [01]
DA January 1975
BT1 Quasi Particles

Focussed Logging
DA May 1979
USE Resistivity Logging

FOG
DA March 1977
BT1 Atmospheric Precipitations
RT Vapor Condensation
RT Visibility
RT Water Vapor

Fog (Sprays)
USE Sprays

FOG COOLED REACTORS [01]
BT1 Reactors
RT Core Spray Systems
RT Fog Cooling

FOG COOLING [01]
BT1 Cooling
RT Core Spray Systems
RT Fog Cooled Reactors

FOILS [01]
(Thinner than PLATES or SHEETS.)
RT Films
RT Sheets

Fokker-Planck Coefficients
USE Fokker-Planck Equation

FOKKER-PLANCK EQUATION [01]
UF *Bessel Differential Equation*
UF *Fokker-Planck Coefficients*
BT1 Differential Equations
BT2 Equations
RT Ionized Gases
RT Transport Theory

FOLDY-WOUTHUYSEN TRANSFORM [01]
BT1 Canonical Transformations
RT Dirac Equation

Foliage
USE Leaves

FOLIAR UPTAKE [01]
BT1 Uptake
RT Leaves

FOLIC ACID [01]
UF *Formylpteroic Acid*
UF *Pteroylglutamic Acid*
UF *Rhizopterin*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Pteridines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins
RT Anemias
RT Citrovorum Factor
RT PABA

Folinic Acid
USE Citrovorum Factor

Follicle Stimulating Hormone
USE FSH

Fong-Newton Theory
USE Fong Theory

FONG THEORY [01]
UF *Fong-Newton Theory*
RT Fission Products

Fontenay-Aux-Roses (CEA)
USE CEA Fontenay-Aux-Roses

Fontina Event
DA June 1977
USE Anvil Project

FOOD [01]
UF *Foodstuffs*
UF+ *Food Irradiation*
NT1 Animal Feeds
NT2 Forage
NT1 Beverages
NT1 Bread
NT1 Cocoa Products
NT1 Flour
NT1 Fruits
NT2 Apples
NT2 Apricots
NT2 Avocados
NT2 Bananas
NT2 Berries
NT2 Cherries
NT2 Coconuts
NT2 Dates
NT2 Figs
NT2 Grapefruits
NT2 Grapes
NT2 Lemons
NT2 Mangoes
NT2 Olives
NT2 Oranges
NT2 Papayas
NT2 Peaches
NT2 Pears
NT2 Plums
NT2 Raspberries
NT2 Strawberries
NT1 Honey
NT1 Meat
NT1 Milk
NT1 Milk Products
NT2 Butter
NT2 Cheese
NT1 Seafood
NT1 Vegetables
NT2 Beans
NT2 Beets
NT3 Sugar Beets
NT2 Brassica
NT2 Carrots
NT2 Cucumbers
NT2 Kale
NT2 Lettuce
NT2 Onions
NT2 Peas
NT2 Peppers
NT2 Potatoes
NT2 Radishes
NT2 Soybeans
NT2 Spinach
NT2 Tomatoes
NT2 Yams
RT Agriculture
RT Biological Materials
RT Carbohydrates
RT Cassava
RT Cereals
RT Crops
RT Diet
RT Drinking Water
RT Eggs
RT FAO
RT Fats
RT Feeding
RT Fishes
RT Food Chains
RT Food Processing
RT Fowl
RT IFIP
RT Ingestion
RT Nutrients
RT Nutrition
RT Organoleptic Properties
RT Preservation
RT Proteins
RT Radiopasteurization
RT Radiopreservation
RT Restaurants
RT Spices
RT Sterilization
RT Vitamins
RT Wholesomeness

Food and Agriculture Organization
USE FAO

Food and Drug Administration
DA June 1978
USE US FDA

FOOD CHAINS [01]
RT Diet
RT Environmental Exposure Pathway
RT Fallout Deposits
RT Food
RT Plaice
RT Predator-Prey Interactions
RT Radioecological Concentration
RT Radionuclide Migration

FOOD DISPOSERS
DA June 1977
BT1 Electric Appliances
BT2 Appliances

FOOD INDUSTRY
DA January 1977
BT1 Industry
NT1 Meat Industry
RT Restaurants
RT Whey

Food Irradiation
USE Food
AND Irradiation

FOOD PROCESSING
DA July 1976
RT Food
RT Radiopreservation
RT Storage Life

Foodstuffs
USE Food

FORAGE [01]
BT1 Animal Feeds
BT2 Food
BT1 Plants
RT Cattle
RT Clover
RT Glycine Hispida
RT Gramineae
RT Grass
RT Pastures

FORAMINIFERA
DA May 1976
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
DEF An order of sarcodine protozoa, characterized by delicate calcareous shells with holes through which pseudopods are extruded.

FORATOM [01]
(Forum Atomique Europeen.)
DA April 1978
BT1 International Organizations

FORBIDDEN TRANSITIONS [01]
UF *Transitions (Forbidden)*
BT1 Energy-Level Transitions
RT Decay
RT Selection Rules

FORBUSH DECREASE [01]
UF *Forbush Depression*
UF *Forbush Event*
RT Cosmic Radiation
RT Magnetic Storms
RT Solar Flares
RT Solar Wind

Forbush Depression
USE Forbush Decrease

Forbush Event
USE Forbush Decrease

FORCE-FREE MAGNETIC FIELDS [01]
BT1 Magnetic Fields
RT Astrophysics

FORCED CONVECTION [01]
BT1 Convection
RT Mechanical Draft Cooling Towers

Forced Draft Cooling Towers
DA February 1975
USE Mechanical Draft Cooling Towers

Ford Nuclear Reactor
USE FNR Reactor

FORECASTING [01]
UF *Prediction*
NT1 Delphi Method
RT Economic Policy
RT Economy
RT Evaluation
RT Management
RT Market
RT Marketing Research
RT Regression Analysis
RT Time-Series Analysis
RT Weather

FOREIGN POLICY
DA August 1976
BT1 Government Policies
RT Economic Policy
RT Embargoes
RT Energy Policy
RT Exports
RT Imports
RT International Agreements
RT International Cooperation

Forensic Science
DA August 1978
USE Crime Detection

FORESHOCKS
DA July 1978
RT Aftershocks
RT Earthquakes

DEF A small tremor that commonly precedes a larger earthquake by seconds to weeks and that originates at or near the focus of the larger earthquake.

FOREST LITTER [01]
(Natural organic debris on the forest floor.)
DA May 1975
BT1 Biological Materials
RT Ecosystems
RT Forests
RT Humus
RT Leaves

FORESTRY
DA July 1977
RT Forests
RT Paper Industry
RT Wood Products Industry

FORESTS [01]
RT Forest Litter
RT Forestry
RT Ground Cover
RT Terrestrial Ecosystems
RT Trees

FORGE WELDING [01]
UF *Roll Welding*
BT1 Welding
BT2 Joining
BT3 Fabrication

FORGING [01]
BT1 Materials Working
BT2 Fabrication
RT Cold Working
RT Dies
RT Hot Working
RT Presses
RT Pressing
RT Swaging

FORKED RIVER-1 REACTOR [01]
UF *Oyster Creek-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FORM FACTORS [01]
BT1 Particle Properties
NT1 Dirac Form Factors
NT1 Electromagnetic Form Factors
NT1 Pauli Form Factors
RT Nuclear Reactions
RT Vertex Functions

Formal
USE Methylal

FORMALDEHYDE [01]
UF *Formalin*
UF *Formalith*
UF *Formic Aldehyde*
UF *Formol*
UF *Oxymethylene*
BT1 Aldehydes
BT2 Organic Compounds
RT Bakelite
RT Formyl Radicals
RT Methylal
RT Polyoxymethylenes

FORMALDEHYDE FUEL CELLS
DA January 1976
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

Formaldehydedimethylacetal
USE Methylal

Formalin
USE Formaldehyde

Formalith
USE Formaldehyde

FORMAMIDE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Formic Acid

FORMATE FUEL CELLS
DA June 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

FORMATES [01]
DA January 1975
BT1 Carboxylic Acid Salts
RT Formic Acid

Formation
USE Synthesis

FORMATION FREE ENERGY [01]
BT1 Free Energy
BT2 Energy
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Formation Heat

FORMATION FREE ENTHALPY [01]
DA May 1976
UF *Gibbs Formation Free Energy*
BT1 Free Enthalpy
BT2 Energy
BT2 Thermodynamic Properties
BT3 Physical Properties

FORMATION HEAT [01]
UF *Heat of Formation*
BT1 Reaction Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties
RT Dissociation Energy
RT Dissociation Heat
RT Formation Free Energy
RT Thermochemical Heat Storage

Formation Pressure
DA September 1978
USE Reservoir Pressure

Formation Water
DA November 1976
USE Interstitial Water

FORMED COKE PROCESSES
DA August 1976
RT Briquetting
RT Coke
RT Coke Ovens
DEF Processes for forming compressed coal briquets of uniform size and with sufficient strength after carbonization for blast furnace use.

FORMIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Formamide
RT Formates

FORMIC ACID FUEL CELLS
DA April 1976
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

Formic Aldehyde
USE Formaldehyde

Forming (Materials)
USE Materials Working

Formol
USE Formaldehyde

Formosa
DA January 1975
USE Taiwan

FORMVAR [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyacetals
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

FORMYL RADICALS [01]
DA March 1975
BT1 Acyl Radicals
BT2 Radicals
RT Formaldehyde

Formylpteroic Acid
USE Folic Acid

Forschungs und Messreaktor Braunschweig
USE FMRB Reactor

Forschungsreaktor Berlin-1
USE BER-1 Reactor

Forschungsreaktor Berlin-2
USE BER-2 Reactor

Forschungsreaktor Frankfurt
USE FRF Reactor

Forschungsreaktor-2 Frankfurt
USE FRF-2 Reactor

Forschungsreaktor Geesthacht-1
USE FRG-1 Reactor

Forschungsreaktor Geesthacht-2
USE FRG-2 Reactor

Forschungsreaktor Muenchen
USE FRM Reactor

Forschungsreaktor Neuherberg
USE FRN Reactor

FORSMARK-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FORSMARK-2 REACTOR [01]
DA April 1977
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FORSMARK-3 REACTOR [01]
DA November 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

Fort Calhoun-1 Reactor
DA September 1978
USE Calhoun-1 Reactor

Fort Calhoun-2 Reactor
DA September 1978
USE Calhoun-2 Reactor

Fort Shevchenko Reactor
USE BN-350 Reactor

Fort St. Vrain Reactor
USE Vrain Reactor

Fort Worth ASTR Reactor
USE ASTR Reactor

Fort Worth GTR Reactor
USE GTR Reactor

Fortissimo Reactor
DA August 1975
USE Rapsodie Reactor

FORTRAN [01]
BT1 Programming Languages

FOSSIL-FUEL POWER PLANTS [01]
BT1 Thermal Power Plants
BT2 Power Plants
NT1 Paradise Steam Plant
NT1 San Juan Power Plant
NT1 Widows Creek Steam Plant
RT Boiler Fuel
RT Electric Utilities
RT MHD Power Plants

Fossil Fuel Reserves
DA June 1975
USE Fossil Fuels
AND Reserves

FOSSIL FUELS [01]
UF+ *Fossil Fuel Reserves*
BT1 Energy Sources
BT1 Fuels
NT1 Coal
NT2 Black Coal
NT3 Anthracite
NT3 Bituminous Coal
NT2 Brown Coal
NT3 Lignite
NT2 Sapropelic Coal
NT3 Boghead Coal
NT4 Torbanite
NT3 Cannel Coal
NT2 Subbituminous Coal
NT1 Natural Gas
NT2 Liquefied Natural Gas
NT1 Oil Sands
NT1 Oil Shales
NT2 Black Shales
NT2 3-Methylcholanthrene
NT1 Peat
NT1 Petroleum
NT2 Petroleum Fractions
NT3 Gas Oils
NT3 Petroleum Distillates
NT4 Naphtha
NT3 Petroleum Residues
NT3 Refinery Gases
NT2 Residual Petroleum
NT2 Sour Crudes
NT1 Shale Oil
NT2 Shale Oil Fractions
RT Briquets
RT Coke
RT Fuel Feeding Systems
RT Fuel Substitution

FOSSILS
DA February 1978
RT Age Estimation
RT Animals
RT Archaeological Specimens
RT Paleontology
RT Plants
RT Sedimentary Rocks
DEF Remains, traces, or imprint of an organism preserved in the earth'$\mu_5\omega\Sigma\mu\pi\ \mu\Lambda\Delta_7\ \pi^+\Delta_7\ ^+\Omega_{97}\Lambda\gamma\Lambda_9{}^+{}_5\ {}^-{}_3\mu\pi\rightleftharpoons$

Foster Wheeler Gasification Process
DA May 1977
USE Combined-Cycle FW Process

FOUCAULT CURRENT
DA January 1975
BT1 Electric Currents
BT2 Currents
RT Electric Conductors
RT Magnetic Flux
DEF Current induced in interior of conductors by variations of magnetic flux.

FOULING [01]
DA November 1975
NT1 Biological Fouling
RT Antifoulants
RT Corrosion
RT Deposits
RT Water Pollution
DEF Deposition of unwanted materials on equipment, e.g. heat exchangers, usually in a water environment.

FOUNDATIONS [01]
DA January 1975
UF *Piles*
BT1 Supports
BT2 Mechanical Structures
RT Buildings
RT Construction
RT Excavation

FOUNDRIES
DA August 1976
BT1 Industrial Plants
RT Casting

FOUR-BODY PROBLEM [01]
BT1 Many-Body Problem

FOUR-DIMENSIONAL CALCULATIONS [01]
UF *Calculations (4-Dimensional)*
UF *4-Dimensional Calculations*
RT Many-Dimensional Calculations
RT Mathematics

Four-Fermion Interaction
USE Fermi Interactions

FOUR MOMENTUM TRANSFER [01]
DA April 1978
UF *Transfer (Four Momentum)*
UF *Transfer (Q-Squared)*
BT1 Momentum Transfer
RT Cross Sections
RT Electromagnetic Form Factors
RT Linear Momentum Transfer
RT Particle Interactions
RT Rosenbluth Formula
RT Scattering

Four-Nucleon Structure
USE Quartet Model

FOUR-NUCLEON TRANSFER REACTIONS [01]
BT1 Multi-Nucleon Transfer Reactions
BT2 Transfer Reactions
BT3 Direct Reactions
BT4 Nuclear Reactions
NT1 Alpha-Transfer Reactions

FOUR-PI COUNTING [01]
BT1 Counting Techniques

FOURIER ANALYSIS [01]
UF *Analysis (Fourier)*
RT Mathematics
RT Normal-Mode Analysis

FOURIER HEAT EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Heat Transfer

FOURIER TRANSFORMATION [01]
BT1 Integral Transformations
BT2 Transformations

FOURMARIERITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
RT Lead Oxides
RT Uranium Oxides

FOURTH SOUND [01]
RT Superfluidity

FOWL [01]
UF *Poultry*
BT1 Birds
BT2 Vertebrates
BT3 Animals
NT1 Chickens
NT1 Ducks
NT1 Geese
RT Food

Fowler Equation
USE Fowler-Nordheim Theory

FOWLER-NORDHEIM THEORY [01]
UF *Fowler Equation*
RT Photoelectric Effect

FPC
DA October 1976
USE Federal Power Commission

FR-0 REACTOR [01]
UF *Studsvik FR-0 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

FR-2 REACTOR [01]
UF *Karlsruhe Research Reactor FR-2*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Fracer-Fulco Method
USE Dispersion Relations

FRACTIONAL-PARENTAGE COEFFICIENTS [01]
RT N*Resonances
RT Orbital Angular Momentum
RT Wave Functions
DEF Numerical coefficients for proper antisymmetric combinations of wave functions for (n-1) and 1 particles to form wave functions for n-particle states.

FRACTIONATED IRRADIATION [01]
UF *Dose Fractionation*
UF *Split Dose Irradiation*
BT1 Irradiation
RT Cumulative Radiation Effects
RT Dose-Response Relationships
RT Radiation Doses
RT Radiotherapy
RT Temporal Dose Distributions

FRACTIONATION
DA April 1975

BT1 Separation Processes
RT Distillation

FRACTOGRAPHY [01]
RT Ceramography
RT Fractures
RT Metallography
RT Photomicrography

FRACTURE PROPERTIES [01]
UF *Fracture Strength*
UF *Fracture Toughness*
UF *Strength (Fracture)*
UF *Toughness (Fracture)*
BT1 Mechanical Properties
RT Cracks
RT Failures
RT Fractures
RT Ruptures
RT Stress Intensity Factors

Fracture Strength
USE Fracture Properties

Fracture Toughness
USE Fracture Properties

Fractured Formations
DA August 1977
USE Fractured Reservoirs

FRACTURED RESERVOIRS
DA August 1977
UF *Fissured Formations*
UF *Fractured Formations*
BT1 Reservoir Rock
BT2 Rocks

FRACTURES [01]
BT1 Failures
RT Cracks
RT Defects
RT Deformation
RT Explosive Fracturing
RT Fractography
RT Fracture Properties
RT Geologic Fissures
RT Hydraulic Fracturing
RT Ruptures
RT Stress Intensity Factors

Fractures (Bone)
USE Bone Fractures

FRACTURING
DA February 1975
BT1 Comminution
NT1 Electrolinking
NT1 Explosive Fracturing
NT2 SOLFRAC Process
NT1 Hydraulic Fracturing
RT Surface Mining
RT Underground Mining

FRAGMENTATION
DA May 1975
UF *Shattering*
RT Comminution
RT Crushing

Fragments (Decay)
USE Decay

Fragments (Fallout)
USE Fallout

Fragments (Fission)
USE Fission Fragments

Fragments (Particles)
USE Particles

Fragments (Spallation)
DA December 1978
USE Spallation Fragments

FRAN REACTOR [01]
UF *Idaho Nuclear Effects Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRANCE [01]
BT1 Europe
RT Alps
RT CEA
RT Rhine River
RT Rhone River

FRANCEVILLITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

FRANCIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

FRANCIUM 203 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 204 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 205 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 206 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 207 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 208 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 209 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 210 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 211 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 212 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 213 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 214 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 215 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 216 [01]
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 217 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 218 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 219 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 220 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 221 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 222 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 223 [01]
UF *Actinium K*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 224 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 225 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 226 [01]
DA August 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

FRANCIUM 227 [01]
DA August 1975
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM 228 [01]
DA August 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

FRANCIUM 229 [01]
DA August 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Francium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

FRANCIUM ADDITIONS [01]
BT1 Francium Alloys
BT2 Alloys

FRANCIUM ALLOYS [01]
BT1 Alloys
NT1 Francium Additions
NT1 Francium Base Alloys

FRANCIUM BASE ALLOYS [01]
BT1 Francium Alloys
BT2 Alloys

FRANCIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Francium Compounds
BT2 Alkali Metal Compounds

FRANCIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Francium Compounds
BT2 Alkali Metal Compounds

FRANCIUM COMPLEXES [01]
BT1 Alkali Metal Complexes
BT2 Complexes

FRANCIUM COMPOUNDS [01]
BT1 Alkali Metal Compounds
NT1 Francium Bromides
NT1 Francium Chlorides
NT1 Francium Fluorides
NT1 Francium Iodides
NT1 Francium Oxides

FRANCIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Francium Compounds
BT2 Alkali Metal Compounds

FRANCIUM IODIDES [01]
BT1 Francium Compounds
BT2 Alkali Metal Compounds
BT1 Iodides

BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

FRANCIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

FRANCIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Francium 203
NT1 Francium 204
NT1 Francium 205
NT1 Francium 206
NT1 Francium 207
NT1 Francium 208
NT1 Francium 209
NT1 Francium 210
NT1 Francium 211
NT1 Francium 212
NT1 Francium 213
NT1 Francium 214
NT1 Francium 215
NT1 Francium 216
NT1 Francium 217
NT1 Francium 218
NT1 Francium 219
NT1 Francium 220
NT1 Francium 221
NT1 Francium 222
NT1 Francium 223
NT1 Francium 224
NT1 Francium 225
NT1 Francium 226
NT1 Francium 227
NT1 Francium 228
NT1 Francium 229

FRANCIUM OXIDES [01]
BT1 Francium Compounds
BT2 Alkali Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

FRANCK-CONDON PRINCIPLE [01]
RT Energy-Level Transitions

Franckenstein
USE Scanning Measuring Projectors

Franco-German High Flux Reactor
USE Grenoble Reactor

Frank Loops
USE Screw Dislocations

FRANK-READ SOURCE
DA January 1975
BT1 Dislocations
BT2 Line Defects
BT3 Crystal Defects
BT4 Crystal Structure
DEF A source of dislocation loops in a strained crystal.

Frankfurt Research Reactor
USE FRF Reactor

Frankfurt Research Reactor-2
USE FRF-2 Reactor

FRASCATI LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

FRASCATI SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

FRASER RIVER
DA November 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Canada

FRAUNHOFER LINES [01]
UF *Fraunhofer Spectrum*
RT Spectra

Fraunhofer Spectrum
USE Fraunhofer Lines

FRC
DA June 1975
USE Federal Radiation Council

FRCTF REACTOR [01]
UF *Fast Reactor Core Test Facility*
UF *LAMPRE-2 Reactor*
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

FREDHOLM EQUATION [01]
BT1 Integral Equations
BT2 Equations

Free Convection
USE Natural Convection

FREE ELECTRON LASERS
DA January 1979
UF *Electron-beam-pumped lasers*
BT1 Lasers

FREE ENERGY [01]
UF *Free Energy (Helmholtz)*
UF *Helmholtz Free Energy*
BT1 Energy
BT1 Thermodynamic Properties
BT2 Physical Properties
NT1 Formation Free Energy
NT1 Surface Energy
RT Affinity

Free Energy (Gibbs)
USE Free Enthalpy

Free Energy (Helmholtz)
USE Free Energy

FREE ENTHALPY [01]
UF *Free Energy (Gibbs)*
UF *Gibbs Free Energy*
BT1 Energy
BT1 Thermodynamic Properties
BT2 Physical Properties
NT1 Formation Free Enthalpy

Free Radicals
USE Radicals

Free Steered Vehicles
DA June 1979
USE Trackless Vehicles

FREEDOM OF INFORMATION ACT
DA September 1976
BT1 Laws
RT Legislation

FREEZE-CYCLE SYSTEM
DA March 1978
RT Freeze Protection
RT Freezing
RT Solar Collectors
RT Solar Heating Systems
RT Solar Water Heaters
DEF System for recirculation of water from the heat storage tank, which requires that the circulating pump be started when the collector plate reaches a temperature slightly above freezing.

FREEZE PROTECTION
DA October 1977
RT Antifreeze
RT Drain-Down Systems
RT Freeze-Cycle System
RT Melting Points
RT Safety Engineering
RT Working Fluids

FREEZERS
DA June 1977
BT1 Electric Appliances
BT2 Appliances
RT Refrigerators

FREEZING [01]
RT Antifreeze
RT Drain-Down Systems
RT Freeze-Cycle System
RT Lyophilization
RT Solidification
RT Thawing

FREEZING OUT [01]
BT1 Separation Processes
RT Desalination
RT Low Temperature
RT Waste Processing

Freezing Point Depression
USE Cryoscopy

Freezing Points
USE Melting Points

FREIGHT PIPELINES
DA April 1978
BT1 Pipelines
NT1 Slurry Pipelines
RT Energy Transport
RT Transport
RT Transportation Systems
DEF A pipeline whose main purpose is to convey products that exist in solid form.

FRENCH GUIANA [01]
BT1 South America
BT2 Latin America

French Minerve Reactor
USE Minerve Reactor

FRENCH ORGANIZATIONS [01]
BT1 National Organizations
NT1 CEA
NT2 CEA Cadarache
NT2 CEA Fontenay-Aux-Roses
NT2 CEA Grenoble
NT2 CEA la Hague
NT2 CEA Marcoule
NT2 CEA Pierrelatte
NT2 CEA Saclay
NT1 Cogema
NT2 Cogema La Hague
NT2 Cogema Marcoule
NT2 Cogema Pierrelatte

FRENKEL DEFECTS [01]
BT1 Vacancies
BT2 Point Defects
BT3 Crystal Defects
BT4 Crystal Structure

FREONS [01]
BT1 Halogenated Aliphatic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Refrigerants
RT Cryogenics
RT Hydrocarbons

Frequency (Cyclotron)
USE Cyclotron Frequency

Frequency (Eigen)
USE Eigenfrequency

Frequency (Gyro)
USE Gyrofrequency

Frequency (Langmuir)
USE Langmuir Frequency

FREQUENCY CONTROL [01]
DA October 1975
RT Frequency Dependence
RT Frequency Measurement
RT Frequency Selection

FREQUENCY CONVERTERS [01]
RT Frequency Range
RT Heterodyne Receivers
RT Parametric Amplifiers

RT Pulse Generators

FREQUENCY DEPENDENCE [01]
RT Frequency Control
RT Frequency Measurement
RT Frequency Range

FREQUENCY MEASUREMENT [01]
DA January 1975
RT Frequency Control
RT Frequency Dependence
RT Measuring Methods

FREQUENCY RANGE [01]
NT1 GHz Range
NT2 GHz Range 01-100
NT2 GHz Range 100-1000
NT1 Hz Range
NT2 Milli Hz Range
NT1 KHz Range
NT2 KHz Range 01-100
NT2 KHz Range 100-1000
NT1 MHz Range
NT2 MHz Range 01-100
NT2 MHz Range 100-1000
RT Frequency Converters
RT Frequency Dependence
RT Radar
RT Sonar

FREQUENCY RESPONSE TESTING [01]
DA January 1975
BT1 Testing
RT Reactor Stability

FREQUENCY SELECTION
DA January 1975
RT Frequency Control
RT Lasers
RT Mode Selection
RT Tuning

FRESH WATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Drinking Water
RT Estuaries
RT Irrigation
RT Lakes
RT Limnology
RT Rivers
RT Water Reservoirs

Fresh Water Ecosystems
USE Aquatic Ecosystems

FRESNEL COEFFICIENT [01]
RT Refraction
RT Visible Radiation

FRESNEL LENS [01]
DA January 1975
BT1 Lenses
RT Solar Concentrators
DEF A thin lens constructed with stepped setbacks so as to have the optial properties of a much thicker lens.

F*RESONANCES [01]
DA September 1978
BT1 Charmed Meson Resonances
BT2 Charm Particles
BT3 Postulated Particles
BT4 Elementary Particles
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

FRETTING CORROSION [01]
BT1 Corrosion
BT2 Chemical Reactions

FREUNDS ADJUVANT [01]
RT Antigens

FREYALITE [01]
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

FRF REACTOR [01]
UF *Forschungsreaktor Frankfurt*
UF *Frankfurt Research Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRF-2 REACTOR [01]
UF *Forschungsreaktor-2 Frankfurt*
UF *Frankfurt Research Reactor-2*
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FRG-1 REACTOR [01]
UF *Forschungsreaktor Geesthacht-1*
UF *Geesthacht-1 Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRG-2 REACTOR [01]
UF *Forschungsreaktor Geesthacht-2*
UF *Geesthacht-2 Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRH Reactor
DA January 1975
USE TRIGA-1-Hanover Reactor

Fricke Dosemeters
USE Chemical Dosemeters

FRICTION [01]
NT1 Internal Friction
NT1 Rolling Friction
NT1 Sliding Friction
RT Tribology
RT Wear

Friction (Internal)
USE Internal Friction

FRICTION FACTOR
DA June 1977
BT1 Fluid Mechanics
BT2 Mechanics
RT Reynolds Number

FRICTION WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

Frictionless Flow
DA June 1975
USE Ideal Flow

FRIEDEL-CRAFTS REACTION [01]
BT1 Chemical Reactions

FRJ-1 REACTOR [01]
UF *Juelich-Merlin Reactor*
UF *Merlin-Juelich Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRJ-2 REACTOR [01]
UF *Dido-Juelich Reactor*
UF *Juelich-Dido Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

FRM Devices (Thermonuclear)
DA April 1978
USE Field-Reversed Mirror Reactors

FRM REACTOR [01]
UF *Forschungsreaktor Muenchen*
UF *Munich Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors

BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FRN REACTOR [01]
UF *Forschungsreaktor Neuherberg*
UF *Neuherberg Research Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

FROGS [01]
UF *Rana*
BT1 Amphibians
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

FROST
DA January 1975
BT1 Ice
RT Crystallization
RT Solidification
RT Weather

FROST TESTS [01]
BT1 Thermal Testing
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing

FROUDE NUMBER [01]
RT Fluid Flow

FRUCTOSE [01]
UF *Levulose*
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

Fruit (Seeds)
USE Seeds

FRUIT FLIES [01]
BT1 Flies
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
NT1 Ceratitis Capitata
NT1 Dacus
NT2 Dacus Oleae
NT1 Drosophila
NT1 Rhagoletis Cerasi

FRUIT TREES [01]
BT1 Trees
BT2 Plants
RT Apples
RT Bananas
RT Cherries
RT Citrus
RT Fruits

FRUITS [01]
(Edible parts of plants only.)
BT1 Food
NT1 Apples
NT1 Apricots
NT1 Avocados
NT1 Bananas
NT1 Berries
NT1 Cherries
NT1 Coconuts
NT1 Dates
NT1 Figs
NT1 Grapefruits
NT1 Grapes
NT1 Lemons
NT1 Mangoes
NT1 Olives
NT1 Oranges
NT1 Papayas
NT1 Peaches
NT1 Pears
NT1 Plums
NT1 Raspberries
NT1 Strawberries
RT Crops
RT Fruit Trees

FS-1 REACTOR [01]
UF *Fast Source Critical Assembly*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

FSC APPROXIMATION [01]
(Fixed Scattering Centres approximation.)
RT Glauber Theory
RT Many-Body Problem
RT Optical Models
RT Scattering

FSD Devices
USE Flying Spot Digitizers

FSH [01]
UF *Follicle Stimulating Hormone*
BT1 Gonadotropins
BT2 Pituitary Hormones
BT3 Peptide Hormones
BT4 Hormones
RT Estrogens

FT VALUE [01]
RT Beta Decay
RT Branching Ratio
RT Decay
RT Decoupling
RT Half-Life

FTR Reactor (Richland)
DA April 1975
USE FFTF Reactor

Fucose
USE Hexoses

FUCUS [01]
BT1 Algae
BT2 Plants
BT1 Seaweeds

FUDR [01]
UF *Fluorodeoxyuridine*
BT1 Fluorouracils
BT2 Antimetabolites
BT3 Antimitotic Drugs
BT4 Drugs
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Uracils
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Pyrimidines
BT4 Azines
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Radiosensitizers
BT2 Drugs
BT2 Response Modifying Factors
RT Deoxyuridine

FUEL ADDITIVES
DA March 1979
BT1 Additives
RT Fuels

FUEL ADJUSTMENT MECHANISMS
DA March 1979
BT1 Rate Structure
RT Public Utilities

FUEL-AIR RATIO
DA July 1976
UF *Air-Fuel Ratio*
RT Air
RT Carburetors
RT Fuels
RT Oxygen Enrichment

FUEL ASSEMBLIES [01]
NT1 Fuel Element Clusters
RT Fuel Assembly Dismantling
RT Fuel Elements
RT Reactor Cores
RT Shrouds

FUEL ASSEMBLY DISMANTLING [01]
UF *Dismantling (Fuel Assembly)*
RT Fuel Assemblies
RT Reactor Dismantling

Fuel Bundles
USE Fuel Element Clusters

FUEL CANS [01]
UF *Fuel Sheaths*
UF *Sheaths (Fuel)*
RT Canning
RT Cladding
RT Decladding
RT Failed Element Detection
RT Failed Element Monitors
RT Fuel-Cladding Interactions
RT Fuel Elements
RT Hot Spots
RT Jackets

Fuel Cell Catalysts
DA October 1978
USE Electrocatalysts

FUEL CELL POWER PLANTS
(For commercial, residential, or electric utility use.)
DA April 1975
BT1 Power Plants
RT Fuel Cells

FUEL CELLS [01]
BT1 Direct Energy Converters
BT1 Electrochemical Cells
NT1 Acid Electrolyte Fuel Cells
NT1 Alcohol Fuel Cells
NT1 Ammonia Fuel Cells
NT1 Biochemical Fuel Cells
NT1 Coal Fuel Cells
NT1 Formaldehyde Fuel Cells

NT1 Formate Fuel Cells
NT1 Formic Acid Fuel Cells
NT1 High-Temperature Fuel Cells
NT1 Hydrazine Fuel Cells
NT1 Hydrocarbon Fuel Cells
NT1 Hydrogen Fuel Cells
NT1 Natural Gas Fuel Cells
NT1 Regenerative Fuel Cells
NT2 Redox Fuel Cells
RT Electric-Powered Vehicles
RT Electrochemistry
RT Fuel Cell Power Plants
RT Metal-Gas Batteries
RT Off-Peak Energy Storage
RT Solid Electrolytes
RT Water Removal

FUEL CHANNELS [01]
BT1 Reactor Channels
BT2 Reactor Components
RT Fuel Elements
RT Hot Channel
RT Shrouds

FUEL-CLADDING INTERACTIONS [01]
UF *Cladding-Fuel Interactions*
RT Chemical Reactions
RT Fuel Cans
RT Nuclear Fuels

FUEL CONSUMPTION
DA February 1975
BT1 Energy Consumption
RT Consumption Rates
RT Fuel Economy

FUEL-COOLANT INTERACTIONS [01]
UF *Coolant-Fuel Interactions*
RT Chemical Reactions
RT Coolants
RT Molten Metal-Water Reactions
RT Nuclear Fuels
RT Reactor Accidents

Fuel Cooling Installations
USE Spent Fuel Storage

FUEL CYCLE [01]
UF *Recycle (Fuel)*
NT1 Plutonium Recycle
NT1 Thorium Cycle
RT Cost
RT Depleted Uranium
RT Fissionable Materials
RT Fuel Cycle Centers
RT Fuel Management
RT Harvest Process
RT Nuclear Fuels
RT Nuclear Materials Management
RT Present Worth Method
RT Proliferation
RT Reprocessing
RT Risk Assessment
RT Sol-Gel Process
RT Westinghouse Recycle Fuels Plant

FUEL CYCLE CENTERS [01]
DA August 1978
BT1 Nuclear Facilities
RT Feed Materials Plants
RT Fuel Cycle
RT Fuel Fabrication Plants
RT Plutonium Recycle
RT Radioactive Waste Disposal
RT Radioactive Waste Facilities
RT Radioactive Waste Process
RT Radioactive Waste Storage
RT Spent Fuel Storage

FUEL DENSIFICATION [01]
RT Density
RT Fuel Elements
RT Nuclear Fuels
RT Physical Radiation Effects
RT Reactor Safety
DEF The increase in density of nuclear fuel resulting from thermal and/or radiation effects.

FUEL DISPERSION REACTORS [01]
BT1 Homogeneous Reactors
BT2 Reactors
NT1 Fluidized Bed Reactors
NT1 Slurry Reactors
RT Dispersion Nuclear Fuels

FUEL ECONOMY
DA April 1976
RT Automotive Fuels
RT Carburetors
RT Fuel Consumption
RT Fuel Systems
RT Fuels
RT Gasohol

FUEL ELEMENT CLUSTERS [01]
UF *Bundles (Fuel Elements)*
UF *Clusters (Fuel Elements)*
UF *Fuel Bundles*
BT1 Fuel Assemblies
RT Rod Bundles
RT Spacers

FUEL ELEMENT FAILURE [01]
DA May 1975
BT1 Reactor Accidents
BT2 Accidents
RT Failed Element Detection
RT Failed Element Monitors
RT Fuel Motion Detection
RT Radiation Hazards
RT Reactor Operation
RT Reactor Safety

FUEL ELEMENTS [01]
UF *Nuclear Fuel Elements*
UF *Reactor Fuel Elements*
BT1 Reactor Components
NT1 Annular Fuel Elements
NT1 Fuel Pins
NT1 Fuel Plates
NT1 Fuel Rods
NT2 Hollow Fuel Rods
NT1 Fuel Spheres
NT1 Fuel Wires
NT1 Spent Fuel Elements
NT1 Thermionic Fuel Elements
RT Burnout
RT Decladding
RT Failed Element Detection
RT Failed Element Monitors
RT Fuel Assemblies
RT Fuel Cans
RT Fuel Channels
RT Fuel Densification
RT Fuel Fabrication Plants
RT Fuel Pools
RT Matrix Materials
RT Nuclear Fuels
RT Reactor Cores
RT Reactor Lattices
RT Reactors

FUEL FABRICATION PLANTS [01]
BT1 Nuclear Facilities
NT1 Cimarron Uranium Fuel Plant
NT1 Exxon Fuel Fabrication Facility
NT1 General Atomic Fuel Fabrication Facility
NT1 Mixed Oxide Fuel Fabrication Plants
NT1 Westinghouse Recycle Fuels Plant
RT Fabrication
RT Fuel Cycle Centers
RT Fuel Elements
RT Industrial Plants
RT Nuclear Industry
RT Nuclear Parks

FUEL FEEDING SYSTEMS
DA July 1976
UF *COALTEK Process*
BT1 Fuel Systems
NT1 Stokers
RT Fossil Fuels
RT Materials Handling
RT Pulverizers

FUEL GAGES
DA January 1975
BT1 Measuring Instruments

FUEL GAS [01]
DA January 1975
BT1 Energy Sources
BT1 Gas Fuels
BT2 Fuels
BT1 Gases
BT2 Fluids
NT1 High BTU Gas
NT1 Intermediate BTU Gas
NT2 Carburetted Water Gas
NT2 Town Gas
NT2 Water Gas
NT1 Low BTU Gas
NT2 Producer Gas
NT1 Natural Gas
NT2 Liquefied Natural Gas
RT Dual-Fuel Engines
RT Refinery Gases
RT Synthetic Fuels

FUEL INJECTION SYSTEMS
DA May 1975
BT1 Fuel Systems
RT Atomization
RT Combustion
RT Combustion Chambers
RT Engines
RT Nozzles
RT Spark Ignition Engines
RT Stratified Charge Engines

Fuel Kernels
USE Fuel Particles

Fuel Loading
USE Reactor Fueling

FUEL MANAGEMENT [01]
UF *In-Core Fuel Management*
RT Fuel Cycle
RT Reactor Cores
RT Reactor Fueling

FUEL MOTION DETECTION
DA March 1979
RT Fuel Element Failure
DEF Determination of in-core nuclear fuel behavior, usually under accident conditions.

FUEL OILS
DA January 1975
BT1 Fuels
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Petroleum Products
NT1 Heating Oils
NT1 Residual Fuels
RT Liquid Fuels

FUEL PARTICLES [01]
UF *Fuel Kernels*
UF *Particles (Fuel)*
NT1 Coated Fuel Particles
RT Dispersion Nuclear Fuels
RT Nuclear Fuels

FUEL PELLETS [01]
UF *Kernels (Fuel)*
UF *Pellets (Fuel)*
BT1 Pellets
RT Fuel Rods
RT Nuclear Fuels

Fuel Pencils
USE Fuel Pins

FUEL PINS [01]
UF *Fuel Pencils*
UF *Pins (Fuel)*
BT1 Fuel Elements
BT2 Reactor Components

FUEL PLATES [01]
UF *Plates (Fuel)*
BT1 Fuel Elements
BT2 Reactor Components

FUEL POOLS
DA January 1975

RT Away-From-Reactor Storage
RT Fuel Elements
RT Fuel Racks
RT Reactor Fueling
RT Spent Fuel Storage

FUEL RACKS
DA October 1978
UF *Racks (Fuel)*
BT1 Supports
BT2 Mechanical Structures
RT Fuel Pools
RT Spent Fuel Storage

Fuel Reprocessing
USE Reprocessing

FUEL REPROCESSING PLANTS [01]
BT1 Nuclear Facilities
NT1 Barnwell Fuel Processing Plant
NT1 CEA la Hague
NT1 Cogema La Hague
NT1 Idaho Chemical Processing Plant
NT1 Karlsruhe Reprocessing Plant
NT1 Midwest Fuel Recovery Plant
NT1 Nuclear Fuel Recovery and Recycling Center
NT1 WAK
NT1 West Valley Processing Plant
NT1 Westinghouse Recycle Fuels Plant
RT Fission Products
RT Industry
RT Nuclear Industry
RT Nuclear Parks
RT Radioactive Waste Facilities
RT Reprocessing
RT Risk Assessment
RT Spent Fuels

FUEL RODS [01]
UF *Fuel Slugs*
UF *Rods (Fuel)*
UF *Slugs (Fuel)*
BT1 Fuel Elements
BT2 Reactor Components
NT1 Hollow Fuel Rods
RT Fuel Pellets

FUEL SCANNING [01]
NT1 Gamma Fuel Scanning
RT Burnup
RT Nondestructive Testing
RT Nuclear Reaction Analyzers

Fuel Sheaths
USE Fuel Cans

Fuel Slugs
USE Fuel Rods

FUEL SLURRIES [01]
UF *Fuel Suspensions*
UF *Slurries (Fuel)*
UF *Suspensions (Fuel)*
BT1 Fuels
BT1 Slurries
BT2 Mixtures
BT3 Dispersions
BT2 Suspensions
BT3 Dispersions
RT Slurry Reactors

FUEL SOLUTIONS [01]
BT1 Liquid Fuels
BT2 Fuels
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
RT Liquid Homogeneous Reactors

FUEL SPHERES
DA January 1975
UF *Spheres (Fuel)*
BT1 Fuel Elements
BT2 Reactor Components
DEF Pebble bed reactor fuel elements.

FUEL SUBSTITUTION
DA December 1977
SF *Alternate Fuels*
RT Energy Shortages
RT Energy Substitution Equivalent
RT Energy Supplies
RT Fossil Fuels
RT Fuels
RT Interchangeability

Fuel Substitution Equivalent
DA June 1978
USE Energy Substitution Equivalent

Fuel Suspensions
USE Fuel Slurries

FUEL SYSTEMS
DA April 1975
NT1 Carburetors
NT1 Fuel Feeding Systems
NT2 Stokers
NT1 Fuel Injection Systems
RT Fuel Economy
RT Fuels
RT Oxygen Enrichment

FUEL WASHERS [01]
UF *Washers (Fuel)*
RT Annular Fuel Elements
RT Nuclear Fuels

FUEL WIRES [01]
UF *Wires (Fuel)*
BT1 Fuel Elements
BT2 Reactor Components

FUELS [01]
NT1 Automotive Fuels
NT1 Aviation Fuels
NT1 Boiler Fuel
NT1 Diesel Fuels
NT1 Fossil Fuels
NT2 Coal
NT3 Black Coal
NT4 Anthracite
NT4 Bituminous Coal
NT3 Brown Coal
NT4 Lignite
NT3 Sapropelic Coal
NT4 Boghead Coal
NT5 Torbanite
NT4 Cannel Coal
NT3 Subbituminous Coal
NT2 Natural Gas
NT3 Liquefied Natural Gas
NT2 Oil Sands
NT2 Oil Shales
NT3 Black Shales
NT3 3-Methylcholanthrene
NT2 Peat
NT2 Petroleum
NT3 Petroleum Fractions
NT4 Gas Oils
NT4 Petroleum Distillates
NT5 Naphtha
NT4 Petroleum Residues
NT4 Refinery Gases
NT3 Residual Petroleum
NT3 Sour Crudes
NT2 Shale Oil
NT3 Shale Oil Fractions
NT1 Fuel Oils
NT2 Heating Oils
NT2 Residual Fuels
NT1 Fuel Slurries
NT1 Gas Fuels
NT2 Fuel Gas
NT3 High BTU Gas
NT3 Intermediate BTU Gas
NT4 Carburetted Water Gas
NT4 Town Gas
NT4 Water Gas
NT3 Low BTU Gas
NT4 Producer Gas
NT3 Natural Gas
NT4 Liquefied Natural Gas
NT1 Gasohol
NT1 Gasoline
NT2 Unleaded Gasoline
NT1 Jet Engine Fuels
NT1 Kerosene
NT1 Liquid Fuels
NT2 Fuel Solutions
NT2 Liquid Metal Fuels
NT2 Molten Salt Fuels
NT1 Nuclear Fuels
NT2 Alloy Nuclear Fuels
NT2 Denatured Fuel
NT2 Dispersion Nuclear Fuels
NT2 Fuel Solutions
NT2 Liquid Metal Fuels
NT2 Molten Salt Fuels
NT2 Spent Fuels
NT1 Refuse Derived Fuels
NT1 Solid Fuels
NT2 Alloy Nuclear Fuels
NT2 Briquets
NT2 Dispersion Nuclear Fuels
NT1 Solvent-Refined Coal
NT1 Synthetic Fuels
NT2 Alcohol Fuels
NT2 Hydrogen Fuels
NT2 Pyrolytic Oils
NT2 Synthetic Petroleum
NT3 Shale Oil
NT4 Shale Oil Fractions
NT1 Thermonuclear Fuels
RT Calorific Value
RT Coke
RT Fuel Additives
RT Fuel-Air Ratio
RT Fuel Economy
RT Fuel Substitution
RT Fuel Systems
RT Interchangeability
RT Semicoke
RT Semicoking
RT Wood

Fuels (Nuclear)
USE Nuclear Fuels

Fugen ATR
USE JATR Reactor

Fujaira
DA August 1976
USE United Arab Emirates

FUKUSHIMA-1 REACTOR [01]
UF *Tokyo-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FUKUSHIMA-2 REACTOR [01]
UF *Tokyo-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FUKUSHIMA-3 REACTOR [01]
UF *Tokyo-3 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FUKUSHIMA-4 REACTOR [01]
UF *Tokyo-4 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors

BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FUKUSHIMA-5 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

FUKUSHIMA-6 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

FULCRUM OPERATION
DA October 1978
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

FULHAM-SIMON-CARVES PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF Process for recovery of sulfur from flue gases by causing flue gas to react directly with ammonia liquor from gas works followed by processing of solution to give ammonium sulfate and sulfur.

Full-Serve Stations
DA May 1979
USE Gasoline Service Stations

FULLERS EARTH [01]
BT1 Clays
BT2 Minerals

FULLY IONIZED GASES [01]
(Use only when the gas is not macroscopically electrically neutral; otherwise use PLASMA.)
BT1 Ionized Gases
BT2 Gases
BT3 Fluids
NT1 Lorentz Gas

FULTON-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

FULTON-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

FULVIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
RT Humic Acids
RT Humus
RT Soils

FUMAKS PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing

FUMARIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

FUMAROLES
DA January 1975
NT1 Solfataras
RT Fumarolic Fluids
RT Hydrothermal Systems
RT Thermal Waters
RT Volcanoes
DEF Vents, usually volcanic, from which gases and vapors are emitted. They are characteristic of a late stage of volcanic activity.

FUMAROLIC FLUIDS
DA February 1975
BT1 Geothermal Fluids
BT2 Fluids
RT Fumaroles
RT Volcanic Gases

FUME HOODS
DA October 1978
BT1 Laboratory Equipment
RT Ventilation

Fumes
USE Aerosols

FUMIGANTS [01]
BT1 Pesticides
RT Grain Disinfestation
RT Preservation

Function (Biological)
DA August 1976
USE Biological Functions

FUNCTION GENERATORS [01]
UF *Sine Generators*
UF *Square-Wave Generators*
BT1 Electronic Equipment
NT1 Pulse Generators
NT2 High-Voltage Pulse Generators

FUNCTIONAL ANALYSIS [01]
DA November 1976
BT1 Mathematics

FUNCTIONAL MODELS [01]
UF *Models (Functional)*
NT1 Pilot Plants
NT1 Process Development Units
NT1 Simulators
NT2 Reactor Simulators
RT Analog Systems
RT Biological Models
RT Comparative Evaluations
RT Hypothesis
RT Mathematical Models
RT Mockup
RT Phantoms
RT Plasma Simulation
RT Simulation
RT Structural Models

FUNCTIONALS [01]
BT1 Functions

FUNCTIONS [01]
NT1 Airy Functions
NT1 Analytic Functions
NT1 Bessel Functions
NT1 Correlation Functions
NT1 Delta Function
NT1 Eigenfunctions
NT1 Floquet Function
NT1 Functionals
NT1 Gamma Function
NT1 Gauss Function
NT1 Green Function
NT1 Hamiltonian Function
NT1 Hypergeometric Functions
NT1 Jacobian Function
NT1 Jost Function
NT1 Lagrangian Function
NT1 Partition Functions
NT1 Placzec Function
NT1 Polynomials
NT2 Hermite Polynomials
NT2 Laguerre Polynomials
NT2 Legendre Polynomials
NT1 Response Functions
NT1 Riemann Function
NT1 Spectral Functions
NT2 Spectral Density
NT1 Spline Functions
NT1 Strength Functions
NT1 Structure Functions
NT1 Transfer Functions
NT1 Vertex Functions
NT1 Wave Functions
NT1 Weierstrass Functions
NT1 Weighting Functions
RT Equations
RT Mathematics
RT Recursion Relations
RT Series Expansion
RT Singularity

FUNDAMENTAL CONSTANTS [01]
NT1 Rydberg Constant
RT Atoms
RT Cosmology
RT Elementary Particles
RT Natural Units
RT Nuclei

Fundamental Particles
USE Elementary Particles

FUNGI [01]
UF *Molds*
BT1 Plants
NT1 Aspergillus
NT1 Claviceps
NT1 Fusarium
NT1 Lichens
NT1 Mildew
NT1 Mushrooms
NT1 Myxomycetes
NT1 Neurospora
NT1 Pellicularia
NT1 Penicillium
NT1 Phanerochaete
NT1 Phycomyces
NT1 Physarum
NT1 Rhizopus
NT1 Tinea
NT1 Trichoderma
NT2 Trichoderma Viride
NT1 Ustilago
NT1 Yeasts
NT2 Candida
NT2 Saccharomyces
NT3 Saccharomyces Cerevisiae
NT2 Torula
RT Bioadsorbents
RT Conidia
RT Mycelium
RT Mycorrhizas
RT Mycoses
RT Parasites
RT Pathogens
RT Spores
RT Vaccines

FUNGICIDES [01]
BT1 Pesticides
NT1 Cycloheximide

RT Antiseptics

2-Furalaldehyde
USE Furfural

FURANS [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Benzofurans
NT1 Furfural
NT1 Furildioxime
NT1 MTHF
RT Kinetin

FURFURAL [01]
UF *2-Furalaldehyde*
BT1 Aldehydes
BT2 Organic Compounds
BT1 Furans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

6-Furfurylaminopurine
USE Kinetin

FURILDIOXIME [01]
BT1 Furans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Oximes
BT2 Amines
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents

Furnace Oil
DA March 1976
USE Heating Oils

FURNACES [01]
NT1 Arc Furnaces
NT1 Blast Furnaces
NT1 Chamber Furnaces
NT1 Electric Furnaces
NT1 Electron Beam Furnaces
NT1 Gas Furnaces
NT1 Induction Furnaces
NT1 Oil Furnaces
NT1 Plasma Furnaces
NT1 Solar Furnaces
NT1 Tunnel Furnaces
NT1 Vacuum Furnaces
NT1 Wood Burning Furnaces
RT Burners
RT Crucibles
RT Draft Control Systems
RT Gas Generators
RT Incinerators
RT Kilns
RT Melting
RT Sintering
RT Stokers

FURNITURE INDUSTRY
DA July 1977
BT1 Wood Products Industry
BT2 Industry

FURSOV PILE [01]
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

FUSARIUM [01]
BT1 Fungi
BT2 Plants
BT1 Parasites

Fused Salt Fuels
USE Molten Salt Fuels

Fused Salts
USE Molten Salts

Fuses (Electric)
USE Electric Fuses

Fuses (Reactor Safety)
USE Reactor Safety Fuses

FUSHUN PROCESS
DA October 1975
RT Oil Shales
DEF Oil shale retorting process involving direct heating by a mixture of combustion gases and reheated recycled gases.

Fusion (Bonding, Nonmetallic)
USE Bonding

Fusion (Melting)
USE Melting

Fusion (Nuclear)
USE Thermonuclear Reactions

Fusion (Welding)
USE Welding

FUSION HEAT [01]
UF *Heat of Fusion*
UF *Latent Heat of Fusion*
BT1 Transition Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties
RT Latent Heat Storage
RT Phase Change Materials

FUSION REACTIONS
DA January 1975
BT1 Nuclear Reactions
RT Compound-Nucleus Reactions
RT Deep Inelastic Heavy Ion Reactions
RT Quasi-Fission
DEF Heavy ion reactions in which most or all of participating nucleons form single nucleus.

Fusion Reactors
USE Thermonuclear Reactors

FUSION YIELD [01]
DA June 1975
UF *Yield (Fusion)*
BT1 Nuclear Reaction Yield
BT2 Yields
RT Thermonuclear Fuels
RT Thermonuclear Reactions
RT Thermonuclear Reactors

FUZES
DA May 1979
BT1 Detonators

FW-STOIC PROCESS
DA April 1978
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Gas Generators
DEF The FW-Stoic two-stage gasifier is designed by Stoic Combustion Pty Ltd. of Johannesburg, South Africa; the gasifier is available in four sizes: 6.50, 8.50, 10.00, and 12.50 ft I.D.

FWH-Industriekernkraftwerk Reactor
USE FWH-Reactor

FWH-REACTOR [01]
UF *FWH-Industriekernkraftwerk Reactor*
BT1 Power Reactors
BT2 Reactors

FWPCA
DA June 1976
USE Federal Water Pollution Control Act

G CODES [01]
BT1 Computer Codes

G Factor (Gyromagnetic Ratio)
USE Gyromagnetic Ratio

G Factor (Lande)
USE Lande Factor

G MATRIX [01]
(Limited to the theory of nuclear reactions.)
BT1 Matrices
RT Nuclear Reactions

G PARITY [01]
(Property peculiar to mesons, not related to PARITY.)
BT1 Particle Properties
RT G-Parity Invariance

G-PARITY INVARIANCE [01]
BT1 Invariance Principles
RT G Parity

G-1 REACTOR [01]
UF *Marcoule G-1 Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

G-2 REACTOR [01]
UF *Marcoule G-2 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

G-3 REACTOR [01]
UF *Marcoule G-3 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

G Resonances
USE Rho-1670 Resonances

G STATES
DA March 1979
BT1 Energy Levels

G VALUE [01]
(Limited to use in radiation chemistry; see also GYROMAGNETIC RATIO.)
RT Radiation Chemistry
RT Radiolysis

GA STANDARD REACTOR [01]
DA May 1975
UF *General Atomic Standard Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

GABON [01]
BT1 Africa
RT Oklo Phenomenon
RT OPEC

GADOLINITE
DA September 1975

BT1 Beryllium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
DEF A mineral consisting mainly of $Be_2 FeY_4 Si_2O_{13}$; also contains Ce and Er silicates.

GADOLINIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

GADOLINIUM 142 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 143 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 144 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 145 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 146 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 147 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 148 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GADOLINIUM 149 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 150 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GADOLINIUM 151 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 152 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GADOLINIUM 153 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 154 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 155 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 156 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 157 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 158 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 159 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 160 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GADOLINIUM 161 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM 162 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Gadolinium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

GADOLINIUM ADDITIONS [01]
BT1 Gadolinium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

GADOLINIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Gadolinium Additions
NT1 Gadolinium Base Alloys

GADOLINIUM ARSENIDES [01]
DA August 1977
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM BASE ALLOYS [01]
BT1 Gadolinium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

GADOLINIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

GADOLINIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Gadolinium Arsenides
NT1 Gadolinium Borides
NT1 Gadolinium Bromides
NT1 Gadolinium Carbides
NT1 Gadolinium Carbonates
NT1 Gadolinium Chlorides
NT1 Gadolinium Fluorides
NT1 Gadolinium Hydrides
NT1 Gadolinium Hydroxides
NT1 Gadolinium Iodides
NT1 Gadolinium Nitrates
NT1 Gadolinium Nitrides
NT1 Gadolinium Oxides
NT1 Gadolinium Perchlorates
NT1 Gadolinium Phosphates
NT1 Gadolinium Phosphides
NT1 Gadolinium Selenides
NT1 Gadolinium Silicides
NT1 Gadolinium Sulfates
NT1 Gadolinium Sulfides
NT1 Gadolinium Tellurides

GADOLINIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds

GADOLINIUM HYDRIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

GADOLINIUM HYDROXIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

GADOLINIUM IODIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

GADOLINIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

GADOLINIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Gadolinium 142
NT1 Gadolinium 143
NT1 Gadolinium 144
NT1 Gadolinium 145
NT1 Gadolinium 146
NT1 Gadolinium 147
NT1 Gadolinium 148
NT1 Gadolinium 149
NT1 Gadolinium 150
NT1 Gadolinium 151
NT1 Gadolinium 152
NT1 Gadolinium 153
NT1 Gadolinium 154
NT1 Gadolinium 155
NT1 Gadolinium 156
NT1 Gadolinium 157
NT1 Gadolinium 158
NT1 Gadolinium 159
NT1 Gadolinium 160
NT1 Gadolinium 161
NT1 Gadolinium 162

GADOLINIUM NITRATES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

GADOLINIUM NITRIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

GADOLINIUM OXIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

GADOLINIUM PERCHLORATES [01]
DA January 1975
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

GADOLINIUM PHOSPHATES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

GADOLINIUM PHOSPHIDES [01]
DA August 1976
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

GADOLINIUM SELENIDES [01]
DA August 1976
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

GADOLINIUM SILICIDES [01]
DA May 1975

BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

GADOLINIUM SULFATES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

GADOLINIUM SULFIDES [01]
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

GADOLINIUM 142 TARGET
DA May 1977
BT1 Targets

GADOLINIUM 152 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 154 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 155 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 156 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 157 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 158 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 159 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM 160 TARGET [01]
DA July 1976
BT1 Targets

GADOLINIUM TELLURIDES [01]
DA April 1977
BT1 Gadolinium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Gages (Pressure)
USE Pressure Gages

Gages (Strain)
USE Strain Gages

GAIN [01]
RT Amplifiers

GALACTIC EVOLUTION [01]
RT Astrophysics
RT Cosmological Models
RT Cosmology
RT Galaxies
RT Planet-System Accretion
RT Star Evolution
RT Universe

GALACTOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Cerebrosides

GALACTOSIDASE [01]
BT1 Glycosyl Hydrolases
BT2 Hydrolases
BT3 Enzymes

GALACTURONIC ACID [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Pectins

GALAXIES [01]
UF *Local Group*
NT1 Magellanic Clouds
NT1 Markarian Galaxies
NT1 Milky Way
NT1 Radio Galaxies
NT1 Seyfert Galaxies
NT1 X-Ray Galaxies
RT Galactic Evolution
RT Galaxy Clusters
RT Galaxy Nuclei
RT Nebulae

GALAXY CLUSTERS [01]
UF *Clusters (Galaxy)*
RT Galaxies

GALAXY NUCLEI [01]
(Central part of galaxies.)
DA December 1978
RT Galaxies

GALENA [01]
BT1 Lead Sulfides
BT2 Lead Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Minerals

GALERKIN-PETROV METHOD [01]
UF *Petrov-Galerkin Method*
BT1 Iterative Methods
RT Analytical Solution
RT Equations
RT Mathematics
RT Numerical Solution

GALILEI TRANSFORMATIONS [01]
BT1 Transformations
RT Group Theory
RT Mechanics
RT Relativity Theory
RT Space-Time

Galileo Galilei Italy
USE RTS-1 Reactor

Gallbladder
USE Biliary Tract

GALLIC ACID [01]
UF *Trihydroxybenzoic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

GALLIUM [01]
BT1 Metals
BT2 Elements

GALLIUM 61
DA February 1975
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 62 [01]
DA January 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 63 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 64 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 65 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 66 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 67 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 68 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 69 [01]
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei

BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GALLIUM 70 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 71 [01]
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GALLIUM 72 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 73 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 74 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 75 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 76 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 77 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GALLIUM 78 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GALLIUM 79 [01]
DA October 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 80 [01]
DA October 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 81 [01]
DA July 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 82
DA July 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM 83
DA July 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GALLIUM ADDITIONS [01]
BT1 Gallium Alloys
BT2 Alloys

GALLIUM ALLOYS [01]
BT1 Alloys
NT1 Gallium Additions
NT1 Gallium Base Alloys

GALLIUM ANTIMONIDES
DA August 1976
BT1 Antimony Compounds
BT1 Gallium Compounds

GALLIUM ARSENIDE SOLAR CELLS
DA January 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

GALLIUM ARSENIDES [01]
DA May 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Gallium Compounds

GALLIUM BASE ALLOYS [01]
BT1 Gallium Alloys
BT2 Alloys

GALLIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gallium Compounds

GALLIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Gallium Compounds

GALLIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gallium Compounds

GALLIUM COMPLEXES [01]
BT1 Complexes

GALLIUM COMPOUNDS [01]
NT1 Gallium Antimonides
NT1 Gallium Arsenides
NT1 Gallium Bromides
NT1 Gallium Carbides
NT1 Gallium Chlorides
NT1 Gallium Fluorides
NT1 Gallium Hydroxides
NT1 Gallium Iodides

NT1 Gallium Nitrates
NT1 Gallium Nitrides
NT1 Gallium Oxides
NT1 Gallium Phosphates
NT1 Gallium Phosphides
NT1 Gallium Selenides
NT1 Gallium Sulfates
NT1 Gallium Sulfides
NT1 Gallium Tellurides

GALLIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gallium Compounds

GALLIUM HYDROXIDES [01]
BT1 Gallium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

GALLIUM IODIDES [01]
BT1 Gallium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

GALLIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

GALLIUM ISOTOPES [01]
NT1 Gallium 61
NT1 Gallium 62
NT1 Gallium 63
NT1 Gallium 64
NT1 Gallium 65
NT1 Gallium 66
NT1 Gallium 67
NT1 Gallium 68
NT1 Gallium 69
NT1 Gallium 70
NT1 Gallium 71
NT1 Gallium 72
NT1 Gallium 73
NT1 Gallium 74
NT1 Gallium 75
NT1 Gallium 76
NT1 Gallium 77
NT1 Gallium 78
NT1 Gallium 79
NT1 Gallium 80
NT1 Gallium 81
NT1 Gallium 82
NT1 Gallium 83

GALLIUM NITRATES [01]
DA January 1975
BT1 Gallium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

GALLIUM NITRIDES [01]
BT1 Gallium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

GALLIUM OXIDES [01]
BT1 Gallium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

GALLIUM PHOSPHATES [01]
DA October 1975
BT1 Gallium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

GALLIUM PHOSPHIDE SOLAR CELLS
DA May 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

GALLIUM PHOSPHIDES [01]
DA May 1975
BT1 Gallium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

GALLIUM SELENIDES [01]
DA January 1975
BT1 Gallium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

GALLIUM SULFATES [01]
BT1 Gallium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

GALLIUM SULFIDES [01]
BT1 Gallium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

GALLIUM 65 TARGET [01]
DA July 1976
BT1 Targets

GALLIUM 67 TARGET [01]
DA July 1976
BT1 Targets

GALLIUM 69 TARGET [01]
DA July 1976
BT1 Targets

GALLIUM 71 TARGET [01]
DA July 1976
BT1 Targets

GALLIUM TELLURIDES [01]
DA January 1975
BT1 Gallium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Gallotannic Acid
USE Tannic Acid

Gallstones
USE Biliary Tract
AND Calculi

GALOTER PROCESS
DA March 1977
RT Oil Shales
DEF Shale fines procesed in rotating kiln; hot spent shale used as heat carrier.

Galvanic Corrosion
USE Electrochemical Corrosion

GALVANOMAGNETIC EFFECT [01]
RT Magnetic Fields

GALVANOMETERS [01]
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments

GALVESTON BAY
DA October 1976
BT1 Bays
BT1 Gulf of Mexico
BT2 Caribbean Sea
BT3 Atlantic Ocean
BT4 Seas
BT5 Surface Waters

GAMBIA
DA July 1978
BT1 Africa

GAME THEORY
DA May 1977
BT1 Statistics
BT2 Mathematics
RT Decision Making
RT Information Theory
RT Probability
DEF Applying mathematics to a game, business situation, or other problem to maximize gain or minimize loss.

GAMETES [01]
BT1 Germ Cells
NT1 Ova
NT1 Pollen
NT1 Spermatogonia
NT1 Spermatozoa
RT Fertilization
RT Gametogenesis
RT Haploidy
RT Zygotes

GAMETOGENESIS [01]
NT1 Oogenesis
NT1 Spermatogenesis
RT Cell Division
RT Gametes
RT Germ Cells
RT Gonads
RT Meiosis

GAMMA ASTRONOMY [01]
(For photon energies above 100 KeV.)
DA September 1978
BT1 Astronomy
RT Cosmic Gamma Sources
RT Cosmic Radiation
RT Cosmic X-Ray Sources

GAMMA CAMERAS [01]
BT1 Cameras
NT1 Positron Cameras
RT Radioisotope Scanners

GAMMA CASCADES [01]
BT1 Nuclear Cascades
RT Cascade Theory
RT Energy-Level Transitions

GAMMA DETECTION [01]
UF *Photon Detection (Gamma)*
BT1 Radiation Detection
BT2 Detection
RT Compton Diode Detectors
RT Filament Crystal Counters
RT Gamma Dosimetry
RT Gamma Spectrometers
RT Gamma Spectroscopy
RT Radiation Detectors
RT Radioisotope Scanning

GAMMA DIFFRACTOMETERS [01]
DA April 1975
BT1 Diffractometers
BT2 Measuring Instruments
RT Crystallography
RT Diffraction
RT X-Ray Diffractometers

GAMMA DOSIMETRY [01]
BT1 Dosimetry
RT Gamma Detection

GAMMA FUEL SCANNING [01]
BT1 Fuel Scanning
BT1 Gamma Radiography
BT2 Industrial Radiography
BT3 Nondestructive Testing
BT4 Materials Testing
BT5 Testing

GAMMA FUNCTION [01]
BT1 Functions
RT Mathematics

GAMMA-GAMMA LOGGING [01]
DA June 1976
UF *Density Log*
BT1 Radioactivity Logging
BT2 Well Logging

DEF Well logging using gamma source and gamma detector.

Gamma Heating
DA April 1975
USE Radiation Heating

GAMMA LOGGING [01]
DA June 1976
BT1 Radioactivity Logging
BT2 Well Logging
RT Natural Radioactivity
DEF Well logging the natural radioactivity of a well.

GAMMA RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
BT1 Ionizing Radiations
BT2 Radiations
NT1 Delayed Gamma Radiation
NT1 Prompt Gamma Radiation
RT Cosmic Gamma Sources
RT Gamma Sources
RT Gamma Spectra
RT Photons
RT Sievert Unit
RT X Radiation

GAMMA RADIOGRAPHY [01]
BT1 Industrial Radiography
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
NT1 Gamma Fuel Scanning

GAMMA-RAY LASERS
DA March 1978
UF *Grasers*
BT1 Lasers

GAMMA SOURCES [01]
(For cosmic sources of gamma radiation use COSMIC GAMMA SOURCES.)
BT1 Radiation Sources
RT Gamma Radiation

GAMMA SPECTRA [01]
BT1 Spectra
RT Escape Peaks
RT Gamma Radiation

GAMMA SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
NT1 Compton Spectrometers
NT1 Moessbauer Spectrometers
NT1 Pair Spectrometers
RT Gamma Detection
RT Whole-Body Counters

GAMMA SPECTROSCOPY [01]
BT1 Spectroscopy
NT1 Radiometric Surveys
RT Gamma Detection

Gamma Transmission Scanning
DA May 1975
USE Photon Transmission Scanning

GAMMA TRANSPORT THEORY [01]
BT1 Transport Theory
RT Photon Transport

GAMMAPHOS
(S-2-(Omega-aminopropylaminoethyl) phosphorothioate.)
DA May 1975
BT1 Amines
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Thiophosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds

GAMMEL-BRUECKNER POTENTIAL
DA January 1975
BT1 Nucleon-Nucleon Potential
BT2 Potentials

Gammel-Christian-Thaler Theory
USE Gammel-Thaler Potential

GAMMEL-THALER POTENTIAL [01]
UF *Gammel-Christian-Thaler Theory*
BT1 Ope Potential
BT2 Potentials

GAMOW BARRIER [01]
UF *Gamow Factor*
RT Alpha Decay
RT Nuclear Potential

Gamow Factor
USE Gamow Barrier

Gamow-Teller Decay
USE Gamow-Teller Rules

GAMOW-TELLER RULES [01]
UF *Gamow-Teller Decay*
UF *Gamow-Teller Theory*
RT Beta Decay

Gamow-Teller Theory
USE Gamow-Teller Rules

GANGA RIVER [01]
UF *Ganges River*
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Bangladesh
RT India

Ganges River
DA May 1976
USE Ganga River

GANGLIONS [01]
BT1 Nervous System
RT Autonomic Nervous System
RT Spinal Cord
RT Thalamus

GANGLIOSIDES [01]
BT1 Lipids
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds

GANGRENE [01]
BT1 Necrosis
BT2 Pathological Changes
BT3 Diseases
RT Ulcers

GANGUE [01]
BT1 Residues
RT Slags

GANIL
(Grand Accelerateur National 'a Ions Lourdes, a heavy ion accelerator consisting of two identical isochronous cyclotrons and a particle booster for injection, located in Orsay, France.)
DA May 1976
BT1 Heavy Ion Accelerators
BT2 Accelerators
RT Heavy Ions
RT Isochronous Cyclotrons

Garching IPP
DA May 1976
USE IPP Garching

Gardenhose Instability
DA May 1975
USE Hose Instability

GARDENING
DA March 1979
RT Agriculture
RT Leisure Time Activities

GARIGLIANO REACTOR [01]
UF *SENN Reactor*
BT1 BWR Tvpe Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

GARNETS [01]
(For silicate garnets only.)
BT1 Minerals
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Andradite
RT Ferrite Garnets
DEF A group of minerals of formula: $A_3B_2(SiO_4)_3$, where $A=Ca,Mg,Fe^{+2}$, and Mn^{+2}, and $B=Al,Fe,^{+3}$, Mn^{+3}, and Cr.

GARONA REACTOR [01]
UF *Santa Maria de Garona Nuclear Power Plant*
UF *Santa Maria de Garona Power Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Garrett Process
(Term was used as valid descriptor prior to March 7, 1977.)
DA March 1977
USE Oxy Modified In-Situ Process

Garrett Pyrolysis Process
DA January 1975
USE Occidental Flash Pyrolysis Process

GARTENHAUS POTENTIAL [01]
BT1 Potentials
RT Nucleon-Nucleon Potential

GAS ANALYSIS [01]
UF *Analysis (Gas)*
RT Electron-Capture Detectors
RT Gas Chromatography
RT Gases
RT Orsat Apparatus
RT Photoacoustic Spectrometers
RT Quantitative Chemical Analysis
RT Radio-Release Analysis

GAS APPLIANCES
DA June 1977
UF *Natural Gas Appliances*
BT1 Appliances
NT1 Clothes Washers

GAS BEARINGS [01]
BT1 Bearings

GAS BLANKETS [01]
(For plasma confinement. For other gas blankets see COVER GAS or INERT ATMOSPHERE.)
DA October 1975
RT Plasma Confinement

GAS BUBBLE DISEASE
DA April 1976
BT1 Diseases
RT Aquatic Ecosystems
RT Aquatic Organisms
RT Water Quality

GAS BURNERS
DA May 1979

BT1 Burners
RT Combustion
RT Gas Furnaces

Gas Bursts
DA May 1977
USE Rock Bursts

GAS CENTRIFUGATION [01]
DA January 1975
BT1 Centrifugation
BT2 Separation Processes
BT1 Isotope Separation
BT2 Separation Processes
RT Gas Centrifuges
RT Isotope Enriched Materials
RT Isotopes
RT Ultracentrifugation

GAS CENTRIFUGES [01]
BT1 Centrifuges
BT2 Concentrators
RT Gas Centrifugation
RT Isotope Separation
RT Ultracentrifuges

GAS CHROMATOGRAPHY [01]
BT1 Chromatography
BT2 Separation Processes
RT Gas Analysis
RT Partition

GAS COMBUSTION PROCESS
DA January 1975
RT Oil Shales
DEF A process that involves the direct heating of oil shales by hot gases from combustion within the retorting vessel.

GAS COMPRESSORS [01]
DA September 1975
BT1 Compressors
RT Vapor Compression Refrigeration Cycle

GAS CONDENSATE FIELDS
DA July 1977
BT1 Natural Gas Deposits
BT2 Geologic Deposits
BT2 Resources
BT1 Petroleum Deposits
BT2 Geologic Deposits
BT2 Resources
RT Natural Gas Fields
RT Oil Fields
DEF An oil and gas reservoir that produces more gas than oil. Condensate does not appear until the gas climbs the wellbore and its temperature and pressure are reduced sufficiently to condense some of it into liquid petroleum.

Gas Coolants
USE Gases

Gas Cooled Fast Breeder Reactor
USE GCFR Reactor

Gas Cooled Fast Breeder Reactors
DA January 1975
USE GCFR Type Reactors

Gas Cooled Graphite Moderated Reactor
USE GCR Type Reactors

Gas Cooled Reactor Experiment
USE GCRE Reactor

GAS COOLED REACTORS [01]
DA May 1975
BT1 Reactors
*NT1 Air Cooled Reactors
*NT1 Carbon Dioxide Cooled Reactors
NT1 GCFR Type Reactors
NT2 GCFR Reactor
*NT1 GCR Type Reactors
NT1 Helium Cooled Reactors
NT2 AVR Reactor
NT2 Dragon Reactor
NT2 EBOR Reactor
NT2 EGCR Reactor
NT2 Fulton-1 Reactor
NT2 Fulton-2 Reactor
NT2 GCFR Reactor
NT2 GCRE Reactor
NT2 IEA-ZPR Reactor
NT2 Peach Bottom-1 Reactor
NT2 Schmehausen-2 Reactor
NT2 Summit-1 Reactor
NT2 Summit-2 Reactor
NT2 THTR-300 Reactor
NT2 UHTREX Reactor
NT2 VHTR Reactor
NT2 Vidal-1 Reactor
NT2 Vidal-2 Reactor
NT2 Vrain Reactor
*NT1 HTGR Type Reactors
NT1 HWGCR Type Reactors
NT2 Bohunice A-1 Reactor
NT2 Bohunice A-2 Reactor
NT2 EL-4 Reactor
NT2 Lucens Reactor
NT2 Niederaichbach Reactor
NT1 Hydrogen Cooled Reactors
NT2 Kiwi-A-Prime Reactor
NT2 Kiwi-A Reactor
NT2 Kiwi-A3 Reactor
NT2 Kiwi-B1A Reactor
NT2 Kiwi-B2A Reactor
NT2 Kiwi-B4A Reactor
NT2 Kiwi-B1B Reactor
NT2 Kiwi-B4D Reactor
NT2 Kiwi-B4E Reactor
NT2 Kiwi-TNT Reactor
NT2 NERVA Reactor
NT2 NRX-A4-Est Reactor
NT2 NRX-A2 Reactor
NT2 NRX-A3 Reactor
NT2 NRX-A5 Reactor
NT2 NRX-A6 Reactor
NT2 Pewee-1 Reactor
NT2 Pewee-2 Reactor
NT2 Pewee-3 Reactor
NT2 Pewee-4 Reactor
NT2 Phoebus-1A Reactor
NT2 Phoebus-2A Reactor
NT2 Phoebus-1B Reactor
NT2 XE-Prime Reactor
NT1 Nitrogen Cooled Reactors
NT2 HTLTR Reactor
NT2 ML-1 Reactor
NT2 Zenith Reactor
NT1 710 Reactor

GAS COOLING [01]
BT1 Cooling

GAS CYLINDERS [01]
BT1 Containers

GAS DISCHARGE TUBES [01]
BT1 Electron Tubes
NT1 Flash Tubes
NT1 Geissler Tubes
NT1 Ignitrons
NT1 Thyratrons

Gas Engines
DA January 1975
USE Internal Combustion Engines

Gas Fields
DA March 1976
USE Natural Gas Fields

GAS FLOW [01]
BT1 Fluid Flow
NT1 Knudsen Flow
NT1 Slip Flow
RT Aerodynamics
RT Air Curtains
RT Compressible Flow
RT Electrogasdynamics
RT Joule-Thomson Effect
RT Magnetogasdynamics
RT Multiphase Flow
RT Two-Phase Flow

GAS-FLOW PROCESSES
DA November 1975
RT Oil Shales
DEF Oil shale retorting processes in which heat transfer is effected by an externally heated carrier fluid, in this case superheated steam mixed with air.

GAS FUELED REACTORS [01]
BT1 Fluid Fueled Reactors
BT2 Reactors
BT1 Homogeneous Reactors
BT2 Reactors
NT1 Coaxial Flow Reactors
NT1 Light Bulb Reactors
NT1 Plasma Core Assembly
RT Gas Fuels

GAS FUELS [01]
BT1 Fuels
NT1 Fuel Gas
NT2 High BTU Gas
NT2 Intermediate BTU Gas
NT3 Carburetted Water Gas
NT3 Town Gas
NT3 Water Gas
NT2 Low BTU Gas
NT3 Producer Gas
NT2 Natural Gas
NT3 Liquefied Natural Gas
RT Fissioning Plasma
RT Gas Fueled Reactors

GAS FURNACES
DA March 1977
BT1 Furnaces
RT Gas Burners

GAS GENERATORS
DA November 1976
RT Furnaces
RT FW-Stoic Process
RT Gases
RT McDowell-Wellman Process
RT Oil Shale Processing Plants
RT Wellman-Incandescent Process
RT Wilputte Process
DEF A device used to generate gases in the laboratory; a chemical plant for producing gas from coal, for example, water gas.

GAS HYDRATES
DA January 1977
BT1 Hydrates
RT Natural Gas
RT Pipelines
DEF A clathrate compound formed by a gas and water. The compounds are crystalline solids and are insoluble in water.

GAS INJECTION
DA March 1976
BT1 Fluid Injection
RT Enhanced Recovery
RT Petroleum
RT Well Stimulation
DEF Injection of gas into a reservoir to maintain the pressure in the producing formation or to produce artificial gas drive in a depleted reservoir.

GAS-INSULATED CABLES [01]
DA March 1976
BT1 Electric Cables
BT2 Cables
BT2 Conductor Devices
BT3 Electrical Equipment
BT4 Equipment
RT Power Transmission
RT Power Transmission Lines

GAS LASERS [01]
DA January 1975
BT1 Lasers
NT1 Carbon Dioxide Lasers
NT1 Carbon Monoxide Lasers

NT1 Helium-Neon Lasers

GAS LIFTS
DA January 1977
BT1 Artificial Lifts
RT Oil Wells
RT Petroleum
DEF Process of lifting fluids from a well by injecting relatively high-pressure gas to reduce the flow gradient or to lift an accumulated slug.

GAS LUBRICANTS [01]
BT1 Lubricants

GAS METAL-ARC WELDING [01]
BT1 Arc Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

GAS METERS
DA April 1978
UF+ *Hydrocarbon Logging*
BT1 Measuring Instruments
RT Energy Consumption
RT Natural Gas

Gas Odorization
DA March 1977
USE Odorization

GAS OILS
(Boiling point range 204-593°C.)
DA June 1975
BT1 Petroleum Fractions
BT2 Petroleum
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels
BT1 Petroleum Products
RT Diesel Fuels
RT Kerosene
DEF Petroleum distillate boiling within the general range 450-800°F.

GAS RECYCLE HYDROGENATION PROCESS
DA January 1976
BT1 SNG Processes
RT Distillates
RT Petroleum
RT Steam Reformer Processes
DEF Gasification of distillate feed stock produced from crude oil to manufacture SNG.

GAS SATURATION
DA June 1977
UF *Reservoir Gas Saturation*
BT1 Saturation
RT Oil Saturation
RT Reservoir Rock
RT Water Saturation
DEF Degree of filling of reservoir pore structure by reservoir gas.

GAS SCINTILLATION DETECTORS [01]
BT1 Scintillation Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Proportional Counters
RT Rare Gases

GAS SPILLS
DA July 1976
RT Natural Gas
RT Pollution

Gas Stations
DA May 1979
USE Gasoline Service Stations

GAS TRACK DETECTORS [01]
UF *Track Detectors (Gas)*
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Bubble Chambers
NT2 Cryogenic Bubble Chambers
NT2 Heavy Liquid Bubble Chambers
NT2 Ultrasonic Bubble Chambers
NT1 Cloud Chambers
NT2 Diffusion Chambers
NT2 Expansion Chambers
NT1 Spark Chambers
NT2 Filmless Spark Chambers
NT3 Sonic Spark Chambers
NT3 Wire Spark Chambers
NT2 Projection Spark Chambers
NT2 Streamer Spark Chambers
NT2 Wide Gap Spark Chambers

GAS TUNGSTEN-ARC WELDING [01]
BT1 Arc Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

GAS TURBINE ENGINES
DA February 1979
BT1 Internal Combustion Engines
BT2 Engines
RT AAPS

GAS TURBINES [01]
BT1 Turbines
BT2 Turbomachinery
RT Brayton Cycle Power Systems
RT Steam Turbines

GAS UTILITIES
DA February 1978
SF *Utilities*
BT1 Public Utilities
RT Natural Gas Distribution Systems
RT Natural Gas Industry
RT Rate Structure

GAS WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

Gas Wells
DA October 1975
USE Natural Gas Wells

GAS YIELDS
DA April 1976
BT1 Gases
BT2 Fluids
BT1 Yields

GASBUGGY EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
RT Natural Gas
RT Oil Shales

GASEOUS DIFFUSION [01]
BT1 Diffusion

GASEOUS DIFFUSION PLANTS [01]
BT1 Isotope Separation Plants
BT2 Industrial Plants
BT2 Nuclear Facilities
NT1 Cogema Pierrelatte
NT1 ORGDP
NT1 Paducah Plant
NT1 Portsmouth Gaseous Diffusion Plant
RT EURODIF
RT Gaseous Diffusion Process
RT Nuclear Industry

GASEOUS DIFFUSION PROCESS [01]
BT1 Isotope Separation
BT2 Separation Processes
RT Diffusion Barriers
RT Gaseous Diffusion Plants
RT ORGDP

Gaseous Effluents
USE Gaseous Wastes

GASEOUS WASTES [01]
SF *Nonradioactive Wastes*
UF *Effluents (Gaseous)*
UF *Gaseous Effluents*
UF+ *Radioactive Gaseous Wastes*
BT1 Wastes
NT1 Exhaust Gases
NT1 Flue Gas
RT Chemical Effluents
RT Electrostatic Precipitators
RT Gases
RT Ground Release
RT Industrial Wastes
RT Off-Gas Systems
RT Plumes
RT Radioactive Effluents
RT Stack Disposal
RT Stacks
RT Ventilation
RT Waste Disposal

GASERS [01]
DA May 1976
BT1 Amplifiers
BT2 Electronic Equipment

GASES [01]
(See also ELECTRON GAS and FERMI GAS.)
UF *Gas Coolants*
BT1 Fluids
NT1 Air
NT2 Compressed Air
NT2 Surface Air
NT1 Coal Gas
NT1 Compressed Gases
NT1 Cosmic Gases
NT1 Dissociating Gases
NT1 Fuel Gas
NT2 High BTU Gas
NT2 Intermediate BTU Gas
NT3 Carburetted Water Gas
NT3 Town Gas
NT3 Water Gas
NT2 Low BTU Gas
NT3 Producer Gas
NT2 Natural Gas
NT3 Liquefied Natural Gas
NT1 Gas Yields
NT1 Ionized Gases
NT2 Fully Ionized Gases
NT3 Lorentz Gas
NT2 Strongly Ionized Gases
NT2 Weakly Ionized Gases
NT1 Rarefied Gases
NT1 Refinery Gases
NT1 Shale Gas
NT1 Synthesis Gas
NT1 Vapors
NT2 Water Vapor
NT1 Volcanic Gases
RT Aeration
RT Boltzmann Equation
RT Buffers
RT Coolants
RT Dispersions
RT Gas Analysis
RT Gas Generators
RT Gaseous Wastes
RT Hard-Sphere Model
RT Jesse Effect
RT Kinetic Equations
RT Kinetics
RT Paschen Law
RT Phase Diagrams
RT Underground Disposal
RT Virial Equation

GASIFICATION [01]
(Any technique for converting coal or other products into gaseous fuel.)
BT1 Thermochemical Processes
NT1 Coal Gasification
NT2 Agglomerating Ash Process
NT2 Arc Coal Process
NT2 Atgas Process
NT2 AVG Process
NT2 Babcock and Wilcox-DuPont Process
NT2 Bi-Gas Process
NT2 Bubiag-Didier Process

NT2 Carbon Dioxide Acceptor Process
NT2 CE Entrained Fuel Process
NT2 COGAS Process
NT2 Combined-Cycle FW Process
NT2 Consol Synthetic Gas Process
NT2 Exxon Gasification Process
NT2 Flash Hydropyrolysis Process
NT2 FW-Stoic Process
NT2 GEGAS Process
NT2 Hydrane Process
NT2 Hygas Process
NT2 I G Process
NT2 Kellogg Process
NT2 Koppers Process
NT2 Koppers-Totzek Process
NT2 Lichtenberg Process
NT2 Liquid Phase Methanation Process
NT2 Lurgi Process
NT2 Lurgi Slagging Process
NT2 McDowell-Wellman Process
NT2 MERC Process
NT2 Molten Salt Coal Gasification Process
NT2 Moving-Burden Process
NT2 Occidental Flash Pyrolysis Process
NT2 Panindco Process
NT2 Patgas Process
NT2 Riley-Morgan Process
NT2 Rockgas Process
NT2 Rombach Process
NT2 Saarberg-Otto Gasification Process
NT2 Schmalfeldt-Wintershall Process
NT2 Seacoke Process
NT2 Stone and Webster Gasification Process
NT2 Synthane Process
NT2 Texaco Gasification Process
NT2 Thyssen-Galocsy Process
NT2 Tosco-Dyne Process
NT2 Toscoal Process
NT2 Tri-Gas Process
NT2 U-Gas Process
NT2 Wellman-Incandescent Process
NT2 Westinghouse Gasification Process
NT2 Wilputte Process
NT2 Winkler Process
NT2 Woodall-Duckham Process
NT2 Zhuravlev Process
NT1 In-Situ Gasification
RT Coal
RT Peatgas Process

GASKETS [01]
BT1 Seals

GASOHOL
(Previous to August, 1979 this concept was indexed as gasoline AND mixtures AND ethanol or methanol.)
DA August 1979
BT1 Fuels
RT Alcohols
RT Automotive Fuels
RT Diesel Fuels
RT Exhaust Gases
RT Fuel Economy
RT Gasoline
DEF Blend of gasoline and alcohol usually (methanol or ethanol).

GASOHOL PROGRAM
(Program for blending agriculturally derived ethanol and unleaded gasoline.)
DA September 1976
RT Ethanol
RT Gasoline
RT Synthetic Fuels

GASOLINE [01]
BT1 Fuels
BT1 Petroleum Products
NT1 Unleaded Gasoline
RT Automotive Fuels
RT Bromine Number
RT Gasohol
RT Gasohol Program
RT Gasoline Service Stations
RT Mobil M-gasoline Process
RT Spark Ignition Engines

Gasoline Engines
DA January 1975
USE Internal Combustion Engines

GASOLINE PLANTS
DA February 1979
BT1 Chemical Plants
BT2 Industrial Plants
RT Coal Gasification
RT Commercialization
RT Methanol Plants
RT Mobil M-gasoline Process

GASOLINE SERVICE STATIONS
DA May 1979
UF *Filling Stations*
UF *Full-Serve Stations*
UF *Gas Stations*
UF *Mini-Serve Stations*
UF *Self-Serve Stations*
UF *Service Stations*
BT1 Retailers
BT2 Commercial Sector
RT Automotive Fuels
RT Gasoline
RT Unleaded Gasoline

Gasteropods
USE Molluscs

GASTRECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Digestive System Diseases
RT Stomach

GASTRIC ACID [01]
BT1 Body Fluids
BT2 Biological Materials
RT Digestion
RT Gastrin
RT Secretion
RT Stomach

Gastric Administration
USE Oral Administration

GASTRIN [01]
BT1 Peptide Hormones
BT2 Hormones
BT1 Polypeptides
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds
RT Gastric Acid
RT Secretion
RT Stomach

GASTROINTESTINAL TRACT [01]
BT1 Digestive System
NT1 Intestines
NT2 Large Intestine
NT3 Rectum
NT2 Small Intestine
NT1 Stomach
RT Abdomen
RT Nippostrongylus
RT Peritoneum
RT Radiation Syndrome
RT Trichinosis

GASTUNITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

GASYNTHAN PROCESS
DA January 1976
BT1 SNG Processes
RT High BTU Gas
RT Petroleum
RT Steam Reformer Processes
DEF Production of synthetic natural gas with calorfic value up to 1000 Btu/scf, at pressures between 300 and 500 psig, from natural gas condensates, propane - butane, refinery gases, light and full range naphtha.

GATING CIRCUITS [01]
BT1 Electronic Circuits
RT Logic Circuits
RT Switching Circuits

GAUGE INVARIANCE [01]
UF *Gauge Transformations*
BT1 Invariance Principles
RT Baryon Number
RT Charge Conservation
RT Hypercharge
RT Lattice Field Theory
RT Lepton Number
RT Quantum Field Theory
RT Strangeness
RT Unified Gauge Models
RT Ward Identity

Gauge Transformations
USE Gauge Invariance

Gauss Distribution
USE Gauss Function

GAUSS FUNCTION [01]
UF *Gauss Distribution*
BT1 Functions
RT Distribution
RT Gaussian Processes
RT Statistics

Gauss Nuclear Model
USE Gauss Potential

GAUSS POTENTIAL [01]
UF *Gauss Nuclear Model*
BT1 Nucleon-Nucleon Potential
BT2 Potentials

Gauss Quadratures
USE Quadratures

GAUSSIAN PROCESSES [01]
RT Distribution
RT Gauss Function
RT Stochastic Processes

GCFR REACTOR [01]
UF *Gas Cooled Fast Breeder Reactor*
UF *Gulf General Atomic Fast Breeder Reactor*
BT1 GCFR Type Reactors
BT2 FBR Type Reactors
BT3 Breeder Reactors
BT4 Reactors
BT3 Fast Reactors
BT4 Epithermal Reactors
BT5 Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors

GCFR TYPE REACTORS [01]
DA January 1975
UF *Gas Cooled Fast Breeder Reactors*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 GCFR Reactor

GCR TYPE REACTORS [01]
DA May 1975
UF *Gas Cooled Graphite Moderated Reactor*
BT1 Gas Cooled Reactors
BT2 Reactors

BT1 Graphite Moderated Reactors
BT2 Reactors
NT1 AGR Type Reactors
NT2 Connah Quay-B Reactor
NT2 Dungeness-B Reactor
NT2 Hartlepool Reactor
NT2 Heysham-A Reactor
NT2 Heysham-B Reactor
NT2 Hinkley Point-B Reactor
NT2 Hunterston-B Reactor
NT2 Sizewell-B Reactor
NT2 WAGR Reactor
NT1 Bugey-1 Reactor
NT1 Chinon-1 Reactor
NT1 Chinon-2 Reactor
NT1 Chinon-3 Reactor
NT1 Magnox Type Reactors
NT2 Berkeley Reactor
NT2 Bradwell Reactor
NT2 Calder Hall A-1 Reactor
NT2 Calder Hall A-2 Reactor
NT2 Calder Hall B-3 Reactor
NT2 Calder Hall B-4 Reactor
NT2 Chapelcross-1 Reactor
NT2 Chapelcross-2 Reactor
NT2 Chapelcross-3 Reactor
NT2 Chapelcross-4 Reactor
NT2 Dungeness-A Reactor
NT2 Hinkley Point-A Reactor
NT2 Hunterston-A Reactor
NT2 Latina Reactor
NT2 Oldbury-A Reactor
NT2 Sizewell-A Reactor
NT2 Tokai-Mura Reactor
NT2 Trawsfynydd Reactor
NT2 Wylfa Reactor
NT1 Saint Laurent-1 Reactor
NT1 Saint Laurent-2 Reactor
NT1 Vandellos Reactor
RT BNL Reactor
RT Carbon Dioxide Cooled Reactors
RT Power Reactors

GCRE REACTOR [01]
UF *Gas Cooled Reactor Experiment*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

GE COMPUTERS [01]
BT1 Computers

GE SEMICONDUCTOR DETECTORS [01]
UF *Germanium Detectors*
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 High-Purity GE Detectors
NT1 Li-Drifted Ge Detectors

GE STANDARD REACTOR [01]
(Prior to 1975, BWR/6 Type Reactors was used.)
DA January 1975
UF *BWR/6 Type Reactors*
UF *General Electric Standard Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
RT Black Fox-1 Reactor
RT Black Fox-2 Reactor
RT Hartsville-1 Reactor
RT Hartsville-2 Reactor
RT Hartsville-3 Reactor
RT Hartsville-4 Reactor
RT Phipps Bend-1 Reactor
RT Phipps Bend-2 Reactor
RT Skagit-1 Reactor
RT Skagit-2 Reactor

Ge(Li) Detectors
USE Li-Drifted Ge Detectors

GEARS
DA September 1976
RT Mechanical Transmissions

GEESE
DA May 1979
BT1 Fowl
BT2 Birds
BT3 Vertebrates
BT4 Animals

Geesthacht-1 Research Reactor
USE FRG-1 Reactor

Geesthacht-2 Research Reactor
USE FRG-2 Reactor

GEGAS PROCESS
DA February 1976
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Low BTU Gas
DEF An integrated coal gasification--gas-cleaning process optimized for the production of clean low Btu gas.

Gegenschein
USE Zodiacal Light

GEIGER-MUELLER COUNTERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Avalanche Quenching
RT Flow Counters

GEISSLER TUBES [01]
BT1 Gas Discharge Tubes
BT2 Electron Tubes

GELATIN [01]
BT1 Colloids
BT2 Dispersions
BT1 Proteins
BT2 Organic Compounds

GELATION [01]
RT Colloids

GELL-MANN THEORY [01]
RT Quantum Numbers
RT Strangeness

GELS [01]
BT1 Colloids
BT2 Dispersions
NT1 Hydrophylic Polymers
RT Thixotropy

Gemeinschaftskernkraftwerk Neckar
USE Neckar Reactor

Gene Loci
USE Genes

GENE MUTATIONS [01]
UF *Point Mutations*
BT1 Mutations
RT Gene Recombination
RT Genes

GENE RECOMBINATION [01]
UF *Recombination (Genetic)*
RT Crossing-Over
RT Gene Mutations
RT Genes
RT Genetic Variability

General Accounting Office
DA February 1979
USE US GAO

GENERAL ATOMIC FUEL FABRICATION FACILITY [01]
BT1 Fuel Fabrication Plants
BT2 Nuclear Facilities

General Atomic Standard Reactor
DA May 1975
USE GA Standard Reactor

General Electric Nuclear Test Reactor
USE NTR Reactor

General Electric Prototype Fast Reactor
USE GEPFR Reactor

General Electric Standard Reactor
DA February 1975
USE GE Standard Reactor

General Electric Test Reactor
USE GETR Reactor

General Quantum Field Theory
DA March 1978
USE Axiomatic Field Theory

GENERAL RELATIVITY THEORY [01]
UF *Einstein Gravitation Theory*
BT1 Field Theories
NT1 Relativity Theory
RT Cosmological Models
RT Einstein Effect
RT Einstein Field Equations
RT Einstein-Maxwell Equations
RT Energy-Momentum Tensor
RT Equivalence Principle
RT Field Equations
RT Gravitation
RT Gravitational Fields
RT Gravitational Radiation
RT Mach Principle
RT Quantum Gravity
RT Regge Calculus
RT Schwarzschild Metric

Generating Capacity
DA June 1977
USE Capacity

GENERATOR-COORDINATE METHOD [01]
RT Nuclear Structure
RT Pairing Interactions
RT Quantum Mechanics

Generators (Aerosol)
USE Aerosol Generators

Generators (Electric)
USE Electric Generators

Generators (Pulse)
USE Pulse Generators

Generators (Radioisotope)
USE Radioisotope Generators

Generators (Steam)
USE Steam Generators

Generators (Vapor)
USE Vapor Generators

GENES [01]
UF *Cistrons*
UF *Gene Loci*
NT1 Lethal Genes
RT Chromosomes
RT Codons
RT Gene Mutations
RT Gene Recombination
RT Genetic Effects
RT Genetic Mapping
RT Genotype
RT Plasmids
RT Transcription

GENETIC CONTROL [01]
DA June 1975
BT1 Pest Control
RT Chromosomal Aberrations
RT Insects
RT Mutagenesis
RT Mutations
RT Sterility

GENETIC EFFECTS [01]
BT1 Biological Effects
NT1 Genetic Radiation Effects

RT Chromosomes
RT Congenital Malformations
RT Genes
RT Genetics
RT Gonads
RT Mosaicism
RT Mutations
RT Sister Chromatid Exchanges

GENETIC MAPPING
DA August 1976
RT Chromosomes
RT Genes
DEF Graphically representing the linear arrangement of genes on a chromosome.

GENETIC RADIATION EFFECTS [01]
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
BT1 Genetic Effects
BT2 Biological Effects
RT Delayed Radiation Effects
RT Genetically Significant Dose
RT Sister Chromatid Exchanges

GENETIC VARIABILITY [01]
UF *Variability (Genetic)*
BT1 Biological Variability
RT Gene Recombination

GENETICALLY SIGNIFICANT DOSE [01]
DA April 1975
UF *GSD*
BT1 Radiation Doses
BT2 Doses
RT Dose-Response Relationships
RT Genetic Radiation Effects
RT Populations
RT Radiation Hazards

GENETICS [01]
UF *Heredity*
BT1 Biology
RT Cell Constituents
RT Cytology
RT Genetic Effects
RT Hereditary Diseases
RT Hybridization
RT Nucleic Acids
RT Plasmids

Geneva Aladin Reactor
USE AGN-201P-111 Reactor

Genitals (Female)
USE Female Genitals

Genitals (Male)
USE Male Genitals

GENKAI-1 REACTOR [01]
UF *Kyushu-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GENKAI-2 REACTOR
DA August 1978
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GENOME MUTATIONS [01]
BT1 Mutations
RT Aneuploidy
RT Karyotype
RT Non-Disjunction
RT Ploidy
RT Polyploidy

GENOTYPE [01]
RT Genes
RT Mutagenesis
RT Ontogenesis
RT Phenotype

GENTILLY REACTOR [01]
BT1 HWLWR Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

GENTILLY-2 REACTOR [01]
DA May 1975
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

GEOBAROMETRY
DA December 1977
RT Minerals
RT Pressure Measurement
RT Rocks
DEF Any method for the direct or indirect determination of the pressure conditions under which a rock or mineral formed.

GEOBOTANY [01]
BT1 Botany
BT2 Biology
RT Biogeochemistry
RT Biological Evolution

GEOCHEMICAL SURVEYS [01]
RT Exploration
RT Geochemistry
RT Geology
RT Geothermal Exploration
RT Marine Surveys
RT Prospecting
RT Seeps

GEOCHEMISTRY [01]
BT1 Chemistry
NT1 Biogeochemistry
RT Coalification
RT Geochemical Surveys
RT Geology
RT Geothermometry
RT Natural Occurrence

Geochronology
USE Age Estimation

GEOCORONA [01]
RT Earth Atmosphere
RT Interplanetary Space
RT Solar Wind

GEODESICS [01]
DA June 1975
RT Mathematical Space
DEF Lines along which the distance between two points reaches an extremum.

GEODESY [01]
RT Mathematics

GEODETIC SURVEYS
DA July 1978
BT1 Geophysical Surveys
RT Earthquakes
RT Ground Uplift
DEF A survey of a large land area used for the precise location of basic points.

GEOGRAPHICAL VARIATIONS [01]
DA October 1977
BT1 Variations
NT1 Latitude Effect
RT East-West Asymmetry
RT North-South Asymmetry

GEOGRAPHY [01]
RT Earth Planet
RT Oceanography

Geoisotherm
DA August 1976
USE Isotherm

GEOLOGIC AGES
DA October 1977
NT1 Cenozoic Era
NT2 Quaternary Period
NT2 Tertiary Period
NT1 Mesozoic Era
NT2 Cretaceous Period
NT2 Jurassic Period
NT2 Triassic Period
NT1 Paleozoic Era
NT2 Cambrian Period
NT2 Devonian Period
NT2 Mississippian Period
NT2 Ordovician Period
NT2 Pennsylvanian Period
NT2 Permian Period
NT2 Silurian Period
NT1 Precambrian Era
RT Age Estimation
RT Geologic History
RT Paleomagnetism

GEOLOGIC DEPOSITS [01]
UF *Deposits (Geological)*
NT1 Alluvial Deposits
NT1 Coal Deposits
NT2 Coal Seams
NT1 Concretions
NT1 Jabiluka Deposit
NT1 Koongarra Deposit
NT1 Moraines
NT1 Nabarlek Deposit
NT1 Natural Gas Deposits
NT2 Gas Condensate Fields
NT2 Natural Gas Fields
NT1 Oil Sand Deposits
NT2 Asphalt Ridge Deposit
NT2 Athabasca Deposit
NT2 Cold Lake Deposit
NT2 Peace River Deposit
NT2 PR Springs Deposit
NT2 Sunnyside Deposit
NT2 Tar Sand Triangle Deposit
NT2 Wabasca Deposit
NT1 Oil Shale Deposits
NT1 Petroleum Deposits
NT2 Gas Condensate Fields
NT2 Oil Fields
NT1 Placers
NT1 Salt Deposits
NT1 South Alligator Deposit
NT1 Uranium Deposits
NT2 Ranger Deposit
RT Availability
RT Ores
RT Sediments
RT Underground Storage

Geologic Engineering
DA March 1977
USE Engineering Geology

GEOLOGIC FAULTS [01]
DA January 1975
BT1 Geologic Structures
RT Earthquakes
RT Geologic Fissures
RT Geology
RT Rift Zones

DEF A surface or zone of rock fracture along which there has been displacement, from a few centimeters to a few kilometers in scale.

GEOLOGIC FISSURES
DA March 1975
BT1 Geologic Structures
RT Cracks
RT Fractures
RT Geologic Faults
RT Geology

GEOLOGIC FORMATIONS
DA July 1978
RT Geologic Structures

GEOLOGIC HISTORY
DA August 1978
RT Geologic Ages
RT Geologic Models
RT Geology

GEOLOGIC MODELS
DA February 1978
RT Geologic History
RT Geologic Structures

GEOLOGIC STRATA [01]
DA January 1975
BT1 Geologic Structures
BT1 Stratification
RT Chattanooga Formation
RT Coal Seams
RT Rocks

GEOLOGIC STRUCTURES [01]
DA May 1975
NT1 Anticlines
NT1 Geologic Faults
NT1 Geologic Fissures
NT1 Geologic Strata
NT1 Rift Zones
RT Geologic Formations
RT Geologic Models
RT Geology
RT Mid-Atlantic Ridge
RT Seismology
RT Stratigraphy

Geologic Thermometry
DA March 1976
USE Geothermometry

GEOLOGIC TRAPS
DA January 1978
RT Natural Gas Deposits
RT Petroleum Deposits
RT Rocks
DEF A configuration of rocks able to confine fluids that float on other fluids.

Geological Survey TRIGA Reactor
USE GSTR Reactor

GEOLOGICAL SURVEYS
DA January 1975
RT Exploration
RT Geothermal Exploration

GEOLOGY [01]
NT1 Engineering Geology
NT1 Geomorphology
NT1 Petroleum Geology
NT1 Petrology
NT1 Stratigraphy
RT Earth Crust
RT Earth Planet
RT Geochemical Surveys
RT Geochemistry
RT Geologic Faults
RT Geologic Fissures
RT Geologic History
RT Geologic Structures
RT Geophysics
RT Geothermal Energy
RT Metamorphism
RT Mohole Project
RT Volcanoes

GEOMAGNETIC CONJUGACY [01]
UF *Conjugate Points*
RT Geomagnetic Field

GEOMAGNETIC COORDINATES [01]
BT1 Coordinates
RT Geomagnetic Field

Geomagnetic Cut-Off Rigidity
USE Threshold Rigidity

GEOMAGNETIC EQUATOR [01]
RT Equator
RT Geomagnetic Field

GEOMAGNETIC FIELD [01]
BT1 Magnetic Fields
RT Geomagnetic Conjugacy
RT Geomagnetic Coordinates
RT Geomagnetic Equator
RT Geophysics
RT Inclination
RT International Magnetospheric Study
RT Magnetosheath
RT Magnetosphere
RT Magnetotail
RT Paleomagnetism
RT Threshold Rigidity

Geomagnetic Storms
USE Magnetic Storms

GEOMETRIC BUCKLING [01]
(Not for structural buckling.)
BT1 Buckling

Geometric Sensitivity
DA August 1979
USE Spatial Dependence

GEOMETRICAL ABERRATIONS [01]
UF *Cylindrical Aberrations*
UF *Spherical Aberrations*
RT Beam Optics
RT Optical Properties

GEOMETRY [01]
BT1 Mathematics
RT Cusped Geometries
RT Invariant Imbedding
RT Mapping
RT Prisms
RT Spheres
RT Spheroids

GEOMORPHOLOGY
DA January 1975
BT1 Geology
DEF A science that deals with the land and submarine relief features of the earth'μ μΣω$_{8357}$ $_{3}\Omega_{6}$ μ$_{77}$βμ $_{3}$ $_{97}\Omega_{7}\pi^{+}{}_{5}$ $^{+}\Omega\pi_{7}\omega^{-}\omega_{7}\pi_{3}\pi^{+}\Omega$ Λ_{8} $\pi=_{7}\Delta$ $\pi=\omega\Lambda\Sigma_{9}=$ $\Sigma\mu^{+}\Omega_{9}$ $\pi=_{7}$ $^{-}\omega^{+}\Omega_{5}{}^{+-}\gamma_{7}\mu\Lambda_{8}$ $^{-}=$●$\mu^{+}\Lambda_{9}\omega_{3}{}^{-}$ =● $^{+}\Omega$ $^{+}\pi\mu$ $_{67}\mu_{6}\omega^{+-}\pi^{+}\Xi_{7}$ $_{3}\mu^{-}{}_{75}\pi\mu$ $_{3}\Omega_{6}$ Λ_{8} $_{6}$●$\Omega_{3}\Delta^{+}{}_{5}$ $_{3}\Omega_{6}$ $\mu\pi\omega\Sigma_{5}\pi\Sigma\omega_{3}\gamma$ $_{97}\Lambda\gamma\Lambda_{9}$● $^{+}\Omega$ $^{+}\pi\mu$ $_{7}{}''{}^{-}\gamma_{3}\Omega_{3}\pi\Lambda\omega$●$^{-}=_{3}\mu_{7}\mu\rightleftharpoons$

Geophones
DA September 1976
USE Seismic Detectors

GEOPHYSICAL SURVEYS [01]
DA January 1975
NT1 Electrical Surveys
NT2 Electromagnetic Surveys
NT3 Magnetotelluric Surveys
NT2 Self-Potential Surveys
NT2 Telluric Surveys
NT1 Geodetic Surveys
NT1 Gravity Surveys
NT1 Infrared Surveys
NT1 Magnetic Surveys
NT1 Radiometric Surveys
NT1 Seismic Surveys
RT Coal Deposits
RT Exploration
RT Geothermal Exploration
RT Marine Surveys
RT Natural Gas Deposits
RT Oil Shale Deposits
RT Petroleum Deposits
RT Prospecting
RT Uranium Deposits
RT Well Logging
DEF The use of one or more geophysical techniques in geophysical exploration, such as earth currents, electrical, infrared, heat flow, magnetic, radioactivity, and seismic.

GEOPHYSICS [01]
RT Bathymetry
RT Earth Planet
RT Geology
RT Geomagnetic Field
RT International Geophysical Year

GEOPRESSURE ANOMALIES
DA January 1979
RT Geopressured Systems

GEOPRESSURED SYSTEMS
DA January 1975
RT Geopressure Anomalies
RT Geothermal Systems
RT Natural Gas Deposits
DEF Underground water or natural gas reservoirs where the pressure exceeds normal hydrostatic pressure.

GEORGES BANK
DA December 1978
RT Atlantic Ocean
DEF Elevation off the coast of Cape Cod.

GEORGIA [01]
BT1 Southeast Region
BT1 USA
BT2 North America
NT1 Atlanta
RT Chattahoochee River
RT Chattanooga Formation
RT Savannah River

Georgia Tech. Research Reactor
USE GTRR Reactor

GEOS SATELLITES [01]
BT1 Satellites

GEOTHERMAL AIR CONDITIONING
DA January 1979
BT1 Air Conditioning
RT Geothermal Refrigeration

Geothermal Areas
DA February 1975
USE Geothermal Fields

GEOTHERMAL DISTRICT HEATING
DA August 1977
BT1 District Heating
BT2 Heating
BT1 Geothermal Heating
BT2 Heating
RT Geothermal Space Heating

GEOTHERMAL ENERGY [01]
BT1 Energy
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Earth Crust
RT Geology
RT Geothermal Heating
RT Geothermal Industry
RT Geothermal Power Plants
RT Volcanoes

GEOTHERMAL ENERGY CONVERSION
DA January 1975
BT1 Energy Conversion
BT2 Conversion
RT Binary-Fluid Systems
RT Flashed Steam Systems
RT Total Flow Systems

GEOTHERMAL EXPLORATION
(Exploration for sources of geothermal energy.)
DA January 1975
BT1 Exploration
RT Electrical Surveys
RT Electromagnetic Surveys
RT Geochemical Surveys
RT Geological Surveys
RT Geophysical Surveys
RT Gravity Surveys
RT Infrared Surveys
RT Magnetic Surveys
RT Seismic Surveys
RT Telluric Surveys
RT Well Logging Equipment

GEOTHERMAL FIELDS
DA January 1975
UF *Geothermal Areas*
UF *Geothermal Regions*
NT1 Ahuachapan Geothermal Field
NT1 Beppu Geothermal Field
NT1 Broadlands Geothermal Field
NT1 Cerro Prieto Geothermal Field
NT1 East Mesa GEothermal Field
NT1 El Tatio Geothermal Field
NT1 Geysers Geothermal Field
NT1 Hatchobaru Geothermal Field
NT1 Heber Geothermal Field
NT1 Kawerau Geothermal Field
NT1 Kizildere Geothermal Field
NT1 Krafla Geothermal Field
NT1 Larderello Geothermal Field
NT1 Matsukawa Geothermal Field
NT1 Monte Amiata Geothermal Field
NT1 Namafjall Geothermal Field
NT1 Onikobe Geothermal Field
NT1 Onuma Geothermal Field
NT1 Otake Geothermal Field
NT1 Paratunka Geothermal Field
NT1 Pathe Geothermal Field
NT1 Pauzhetsk Geothermal Field
NT1 Salton Sea Geothermal Field
NT1 Takenoyu Geothermal Field
NT1 Takinoue Geothermal Field
NT1 Tiwi Geothermal Field
NT1 Waiotapu Geothermal Field
NT1 Wairakei Geothermal Field
RT Geothermal Systems
RT Imperial Valley
RT KGRA
RT Roosevelt Hot Springs
RT Salton Sea
RT Well Spacing

GEOTHERMAL FLUIDS
DA January 1975
BT1 Fluids
NT1 Fumarolic Fluids
NT1 Natural Steam
RT Brines
RT Fluid Withdrawal
RT Hydrothermal Systems
RT Thermal Waters
DEF Naturally occurring steam or hot water found in the Earth'μ ΞΛγ53Ω+5 3Ω6 ●ΛΣΩ9 ΛωΛ97Ω+5 ●ΛΩ7μ⇌

GEOTHERMAL GRADIENTS
DA January 1975
BT1 Temperature Gradients
RT Heat Flow
DEF The rate of increase of temperature in the Earth with depth.

GEOTHERMAL HEATING
DA November 1975
BT1 Heating
NT1 Geothermal District Heating
NT1 Geothermal Space Heating
RT Geothermal Energy
RT Geothermal Heating Systems
RT Geothermal Process Heat

GEOTHERMAL HEATING SYSTEMS
DA April 1976
BT1 Heating Systems
RT District Heating
RT Geothermal Heating

GEOTHERMAL INDUSTRY
DA December 1977
BT1 Industry
RT Geothermal Energy

GEOTHERMAL POWER PLANTS [01]
BT1 Thermal Power Plants
BT2 Power Plants
RT Geothermal Energy
RT Krafla Geothermal Field

GEOTHERMAL PROCESS HEAT
DA February 1978
BT1 Process Heat
BT2 Heat
BT3 Energy
RT Geothermal Heating

GEOTHERMAL REFRIGERATION
DA November 1975
BT1 Refrigeration
BT2 Cooling
RT Geothermal Air Conditioning

Geothermal Regions
DA February 1975
USE Geothermal Fields

GEOTHERMAL RESOURCES
DA January 1975
BT1 Resources
RT Geothermal Systems

GEOTHERMAL SPACE HEATING
DA October 1975
BT1 Geothermal Heating
BT2 Heating
BT1 Space Heating
BT2 Heating
RT Geothermal District Heating

Geothermal Steam
DA January 1975
USE Natural Steam

GEOTHERMAL SYSTEMS
DA February 1975
NT1 Hot-Dry-Rock Systems
NT1 Hydrothermal Systems
NT2 Hot-Water Systems
NT2 Vapor-Dominated Systems
NT1 Magma Systems
RT Geopressured Systems
RT Geothermal Fields
RT Geothermal Resources

GEOTHERMAL WELLS
DA January 1975
BT1 Wells
RT Directional Drilling
RT Exploratory Wells
RT Injection Wells
RT Well Drilling
RT Well Pressure
RT Wellheads

GEOTHERMOMETERS
DA February 1975
BT1 Thermometers
BT2 Measuring Instruments
RT Geothermometry
RT Temperature Measurement
DEF A mineral or mineral assemblage whose composition, structure, or inclusions are fixed within known thermal limits under particular condiions of pressure and composition and whose pressure thus denotes a limit or a range for the temperature of formation of the enclosing rock.

GEOTHERMOMETRY
DA April 1975
UF *Geologic Thermometry*
RT Geochemistry
RT Geothermometers
DEF Measurement or estimation, by direct or indirect methods, of the maximum, minimum, or actual temperatures at which geological processes occur or have occurred in the past.

GEPFR REACTOR [01]
UF *General Electric Prototype Fast Reactor*
UF *Ontario General Electric Prototype Fast Reactor*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors

GERANIOL [01]
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Terpenes
BT2 Organic Compounds

GERBILS [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

GERJUOY-STEIN THEORY [01]
RT Excitation Functions

GERM CELLS [01]
NT1 Gametes
NT2 Ova
NT2 Pollen
NT2 Spermatogonia
NT2 Spermatozoa
NT1 Oocytes
NT1 Oogonia
NT1 Spermatocytes
RT Gametogenesis
RT Gonads

GERM-FREE ANIMALS [01]
UF *Gnothobionts*
BT1 Animals
RT Antibody Formation
RT Bacteria

GERMAN DEMOCRATIC REPUBLIC [01]
UF *Germany (Democratic Republic)*
BT1 Europe
RT Germany

GERMAN DR ORGANIZATIONS [01]
DA April 1977
BT1 National Organizations
NT1 ZFK Rossendorf

GERMAN FEDERAL REPUBLIC
UF *Federal Republic of Germany*
UF *Germany (Federal Republic)*
UF *West Germany*
BT1 Europe
RT Alps
RT German FR Organizations
RT Germany
RT Rhine River

GERMAN FR ORGANIZATIONS [01]
BT1 National Organizations
NT1 Ges Fuer Reaktorsicherheit
NT1 IPP Garching
NT1 Kernforschungsanlage Juelich
NT1 Kernforschungszentrum Karlsruhe
NT1 Reaktorsicherheitskommission
NT1 WAK
RT German Federal Republic

GERMAN SILVER [01]
UF *Nickel Silver*
UF *White Copper*
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Nickel Alloys

BT2 Alloys
BT1 Zinc Alloys
BT2 Alloys

German TRIGA-Mark-II Reactor
USE TRIGA-2-Mainz Reactor

GERMANATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Germanium Compounds
BT1 Oxygen Compounds
RT Germanium Oxides

GERMANES
DA February 1975
BT1 Germanium Compounds
RT Germanium Hydrides

GERMANIUM [01]
BT1 Metals
BT2 Elements

GERMANIUM 61 [01]
DA August 1977
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 64 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 65 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 66 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 67 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 68 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
RT Radioisotope Generators

GERMANIUM 69 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 70 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GERMANIUM 71 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 72 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

GERMANIUM 73 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

GERMANIUM 74 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Germanium 74 Beams
RT Germanium 74 Reactions

GERMANIUM 75 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 76 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Germanium 76 Beams

GERMANIUM 77 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 78 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 79 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

GERMANIUM 80 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes

BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 81 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 82 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 83 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM 84 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GERMANIUM ADDITIONS [01]
BT1 Germanium Alloys
BT2 Alloys

GERMANIUM ALLOYS [01]
BT1 Alloys
NT1 Germanium Additions
NT1 Germanium Base Alloys

GERMANIUM ARSENIDES [01]
DA November 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Germanium Compounds

GERMANIUM BASE ALLOYS [01]
BT1 Germanium Alloys
BT2 Alloys

GERMANIUM 74 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Germanium 74

GERMANIUM 76 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Germanium 76

GERMANIUM BORIDES
DA October 1978
BT1 Borides
BT2 Boron Compounds
BT1 Germanium Compounds

GERMANIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Germanium Compounds

GERMANIUM CARBIDES
DA July 1977
BT1 Carbides
BT2 Carbon Compounds
BT1 Germanium Compounds

GERMANIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Germanium Compounds

GERMANIUM COMPLEXES [01]
BT1 Complexes

GERMANIUM COMPOUNDS [01]
NT1 Germanates
NT1 Germanes
NT1 Germanium Arsenides
NT1 Germanium Borides
NT1 Germanium Bromides
NT1 Germanium Carbides
NT1 Germanium Chlorides
NT1 Germanium Fluorides
NT1 Germanium Hydrides
NT1 Germanium Hydroxides
NT1 Germanium Iodides
NT1 Germanium Nitrides
NT1 Germanium Oxides
NT1 Germanium Phosphates
NT1 Germanium Phosphides
NT1 Germanium Selenides
NT1 Germanium Silicates
NT1 Germanium Silicides
NT1 Germanium Sulfides
NT1 Germanium Tellurides

Germanium Detectors
DA December 1978
USE Ge Semiconductor Detectors

GERMANIUM DIODES [01]
BT1 Semiconductor Diodes
BT2 Semiconductor Devices

GERMANIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Germanium Compounds

GERMANIUM HYDRIDES [01]
BT1 Germanium Compounds
BT1 Hydrides
BT2 Hydrogen Compounds
RT Germanes

GERMANIUM HYDROXIDES [01]
DA April 1978
BT1 Germanium Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

GERMANIUM IODIDES [01]
BT1 Germanium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

GERMANIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

GERMANIUM ISOTOPES [01]
NT1 Germanium 61
NT1 Germanium 64
NT1 Germanium 65
NT1 Germanium 66
NT1 Germanium 67
NT1 Germanium 68
NT1 Germanium 69
NT1 Germanium 70
NT1 Germanium 71
NT1 Germanium 72
NT1 Germanium 73
NT1 Germanium 74
NT1 Germanium 75
NT1 Germanium 76
NT1 Germanium 77
NT1 Germanium 78
NT1 Germanium 79
NT1 Germanium 80
NT1 Germanium 81
NT1 Germanium 82
NT1 Germanium 83
NT1 Germanium 84

GERMANIUM NITRIDES [01]
DA May 1979
BT1 Germanium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

GERMANIUM OXIDES [01]
BT1 Germanium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Germanates

GERMANIUM PHOSPHATES
DA October 1978
BT1 Germanium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

GERMANIUM PHOSPHIDES [01]
DA November 1975
BT1 Germanium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

GERMANIUM 74 REACTIONS [01]
DA January 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Germanium 74

GERMANIUM 76 REACTIONS [01]
DA April 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

GERMANIUM SELENIDES [01]
DA January 1975
BT1 Germanium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

GERMANIUM SILICATES [01]
BT1 Germanium Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

GERMANIUM SILICIDES
DA March 1976

BT1 Germanium Compounds
BT1 Silicides
BT2 Silicon Compounds

GERMANIUM SULFIDES [01]
BT1 Germanium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

GERMANIUM 70 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 71 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 72 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 73 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 74 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 75 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM 76 TARGET [01]
DA July 1976
BT1 Targets

GERMANIUM TELLURIDES [01]
DA January 1975
BT1 Germanium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

GERMANY
(For use in indexing Pre-World War II research.)
DA September 1976
RT German Democratic Republic
RT German Federal Republic

Germany (Democratic Republic)
USE German Democratic Republic

Germany (Federal Republic)
USE German Federal Republic

GERMINATION [01]
RT Coleoptile
RT Seedlings
RT Seeds

Germs (Microorganisms)
USE Microorganisms

Gerontine
USE Spermine

GES FUER REAKTORSICHERHEIT [01]
(A section of the Technical Inspection Associations of the German Federal Republic)
DA October 1977
UF *GRS*
UF *Institute for Reactor Safety*
BT1 German FR Organizations
BT2 National Organizations
RT Inspection
RT Reactor Licensing
RT Reactor Safety
RT Safety Standards

GETR REACTOR [01]
UF *General Electric Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

GETTERING [01]
RT Adsorption
RT Electron Tubes
RT Getters
RT High Vacuum

GETTERS [01]
(Materials used for the purification of vacuum atmosphers; see also the specific materials.)
RT Electron Tubes
RT Gettering
RT High Vacuum
RT Sputter-Ion Pumps
RT Vacuum Pumps

GEV RANGE [01]
BT1 Energy Range
NT1 GeV Range 01-10
NT1 GeV Range 10-100
NT1 GeV Range 100-1000
RT Shower Counters

GEV RANGE 01-10 [01]
BT1 GeV Range
BT2 Energy Range

GEV RANGE 10-100 [01]
BT1 GeV Range
BT2 Energy Range

GEV RANGE 100-1000 [01]
BT1 GeV Range
BT2 Energy Range

GEYSERS
DA January 1975
NT1 Old Faithful Geyser
RT Ground Water
RT Hydrothermal Systems
RT Thermal Waters

GEYSERS GEOTHERMAL FIELD
DA January 1975
UF *The Geysers*
BT1 Geothermal Fields
RT California
RT Vapor-Dominated Systems

GHANA [01]
BT1 Africa

GHZ RANGE [01]
BT1 Frequency Range
NT1 GHz Range 01-100
NT1 GHz Range 100-1000
RT Radioastronomy

GHZ RANGE 01-100 [01]
UF *Uhf (Lower Range)*
UF *Ultrahigh Frequency (Lower Range)*
UF+ *Decimeter Wave Radiation (1-3 Dm)*
UF+ *Shf Radiation*
UF+ *Super High Frequency Radiation*
UF+ *Uhf Radiation (01-100 Ghz)*
UF+ *Uhf Radiation (Upper Range)*
UF+ *Ultrahigh Frequency Radiation (01-100 Ghz)*
UF+ *Ultrahigh Frequency Radiation (Upper Range)*
BT1 GHz Range
BT2 Frequency Range

GHZ RANGE 100-1000 [01]
UF *Uhf (Upper Range)*
UF *Ultrahigh Frequency (Upper Range)*
BT1 GHz Range
BT2 Frequency Range

GIAMMARCO VETROCOKE SULFUR PROCESS
DA January 1975
RT Desulfurization
DEF Process for the continuous removal of H_2S from natural gas or synthesis gases by scrubbing sour gas with an alkali arsenate or arsenite solution.

Giant Cells
USE Tumor Cells

GIANT RESONANCE [01]
BT1 Resonance
RT Cross Sections
RT Giant Resonance Model
RT Nuclear Reactions
RT Photonuclear Reactions

GIANT RESONANCE MODEL [01]
UF *Goldhaber-Teller Model*
RT Cross Sections
RT Giant Resonance
RT Photonuclear Reactions
RT Resonance

GIANT STARS [01]
BT1 Stars
NT1 Red Giant Stars
NT1 Supergiant Stars

GIBBERELLIC ACID [01]
UF *Gibberellin A3*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Lactones
BT2 Esters
BT3 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
RT Auxins

Gibberellin A3
USE Gibberellic Acid

Gibbs Formation Free Energy
DA May 1976
USE Formation Free Enthalpy

Gibbs Free Energy
USE Free Enthalpy

GIBBSITE
DA January 1976
BT1 Aluminium Hydroxides
BT2 Aluminium Compounds
BT2 Hydroxides
BT3 Hydrogen Compounds
BT3 Oxygen Compounds
BT1 Minerals
DEF A white or tinted monoclinic mineral: $Al(OH)_3$.

GIBBSSAR STANDARD PLANT [01]
(Gibbs and Hill reference PWR nuclear power plant.)
DA June 1977
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants
RT Westinghouse Standard Reactor

Gigily Oil
USE Sesame Oil

GILLS [01]
BT1 Respiratory System
RT Fishes

Gingelly Oil
USE Sesame Oil

Gingily Oil
USE Sesame Oil

GINNA-1 REACTOR [01]
UF *Robert E. Ginna-1 Reactor*
BT1 Enriched Uranium Reactors

BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GINNA-2 REACTOR [01]
UF *Robert E. Ginna-2 Reactor*
BT1 Power Reactors
BT2 Reactors

GINZBURG-LANDAU THEORY [01]
UF *Maki Parameter*
RT Superconductivity

GINZBURG-PITAEVSKII THEORY [01]
UF *Landau-Ginzburg-Pitaevskii Theory*
RT Superfluidity

GIRBOTOL PROCESS
DA April 1975
RT Desulfurization

GIRDLER-GIRBOTOL PROCESS
DA January 1975
RT Desulfurization

GIROMILL TURBINES
DA June 1977
BT1 Vertical Axis Turbines
BT2 Wind Turbines
DEF Vertical Axis turbine with vertical blades which change orientation with increased speed.

GKN Reactor (Dodewaard)
USE Dodewaard Reactor

GKN Reactor (Neckar)
USE Neckar Reactor

GLACIERS [01]
RT Antarctic Regions
RT Arctic Regions
RT Hydrosphere
RT Ice
RT Snow
RT Water

GLANDS [01]
UF+ *Sebaceous Glands*
UF+ *Sweat Glands*
BT1 Organs
BT2 Body
NT1 Endocrine Glands
NT2 Adrenal Glands
NT2 Pancreas
NT2 Parathyroid Glands
NT2 Pituitary Gland
NT2 Thyroid
NT1 Liver
NT1 Mammary Glands
NT1 Pineal Gland
NT1 Prostate
NT1 Salivary Glands
RT Adenomas
RT Excretion
RT Secretion

GLASGOW SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

GLASS [01]
RT Ceramics
RT Colorimetric Dosemeters
RT Dielectric Track Detectors
RT Glass Industry
RT Glazing Materials
RT Phase Diagrams
RT Phase Transformations
RT Pyrex
RT Silicon Oxides
RT Solids
RT Vitrification
RT Vycor

Glass Dosemeters
USE RPL Dosemeters

GLASS INDUSTRY
DA June 1977
BT1 Industry
RT Glass

GLASS SCINTILLATORS [01]
BT1 Phosphors
RT Luminescent Dosemeters
RT Solid Scintillation Detectors

GLAUBER THEORY [01]
RT FSC Approximation
RT Multiple Scattering
RT Scattering

GLAZES [01]
BT1 Coatings
RT Ceramics

GLAZING MATERIALS
(Transparent or translucent materials such as glass or glass substitutes.)
DA April 1978
BT1 Materials
RT Coverings
RT Fiberglass
RT Glass
RT Heat Mirrors
RT Polyethylenes
RT Polyvinyls
RT Skylights
RT Windows

GLEEP REACTOR [01]
UF *Graphite Low-Energy Experimental Pile*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

GLEN DAVIS FACILITY
DA June 1975
BT1 Oil Shale Processing Plants
RT New South Wales

Glioblastomas
USE Neoplasms
AND Nervous System Diseases

Gliomas
USE Neoplasms
AND Nervous System Diseases

GLOBAL ANALYSIS [01]
(Studies mathematical manifolds with topology which is locally Euclidean but globally non-Euclidean.)
DA June 1975
BT1 Mathematics
RT Topology

GLOBAL ASPECTS [01]
DA April 1975
UF+ *Global Risk*
RT Contamination
RT Earth Atmosphere
RT Fallout
RT Pollution
RT Waste Disposal

GLOBAL FALLOUT [01]
UF *World-Wide Fallout*
BT1 Fallout
RT Nuclear Explosions
RT Stratosphere
RT Tropopause

Global Risk
DA June 1975
USE Global Aspects
AND Hazards

GLOBIN [01]
BT1 Proteins
BT2 Organic Compounds
NT1 Hemoglobin
NT2 Methemoglobin
NT1 Myoglobin

GLOBULINS [01]
UF+ *C-Reactive Protein*
BT1 Proteins
BT2 Organic Compounds
NT1 Angiotensin
NT1 Fibrinogen
NT1 Globulins-Alpha
NT2 Ceruloplasmin
NT2 Haptoglobins
NT1 Globulins-Beta
NT2 Transferrin
NT1 Globulins-Gamma
NT1 Immunoglobulins
NT1 Myosin
NT1 Thyroglobulin

GLOBULINS-ALPHA [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds
NT1 Ceruloplasmin
NT1 Haptoglobins

GLOBULINS-BETA [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds
NT1 Transferrin

GLOBULINS-GAMMA [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds

GLOMERULI [01]
BT1 Kidneys
BT2 Organs
BT3 Body
RT Capillaries
RT Renal Clearance
RT Ultrafiltration

Glossaries
DA November 1976
USE Dictionaries

GLOSSINA [01]
UF *Tsetse Fly*
BT1 Flies
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
RT Disease Vectors
RT Trypanosoma

GLOVEBOXES [01]
BT1 Laboratory Equipment
RT Containment
RT Gloves
RT Hot Cells
RT Leaks
RT Radiation Protection
RT Remote Handling
RT Shielding

GLOVES [01]
BT1 Protective Clothing
BT2 Clothing
RT Gloveboxes
RT Hands
RT Radiation Protection
RT Shielding
RT Skin

RT Skin Absorption

GLOW CURVE [01]
RT Luminescence

GLOW DISCHARGES [01]
BT1 Electric Discharges

GLUCAGON [01]
BT1 Peptide Hormones
BT2 Hormones
BT1 Polypeptides
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds
RT Glucose
RT Metabolism
RT Pancreas

GLUCOCORTICOIDS [01]
BT1 Corticosteroids
BT2 Adrenal Hormones
BT3 Steroid Hormones
BT4 Hormones
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Ketones
BT3 Organic Compounds
BT2 Pregnanes
BT3 Steroids
BT4 Organic Compounds
NT1 Corticosterone
NT1 Cortisone
NT1 Dexamethasone
NT1 Hydrocortisone
NT1 Prednisolone
NT1 Prednisone
RT ACTH
RT Immunosuppression

GLUCOHEPTONATE
DA June 1978
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds

GLUCONIC ACID [01]
UF *Dextronic Acid*
UF *Glyconic Acid*
UF *Glykogenic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Monosaccharides

GLUCOPROTEINS
UF *Glycoproteins*
BT1 Proteins
BT2 Organic Compounds
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Ovalbumin

GLUCOSAMINE [01]
BT1 Hexosamines
BT2 Amines
BT3 Organic Compounds
BT2 Hexoses
BT3 Monosaccharides
BT4 Saccharides
BT5 Carbohydrates
BT6 Organic Compounds
RT Chitin

GLUCOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Glucagon
RT Insulin
RT UDPG

GLUCURONIC ACID [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glucuronidase
RT Hyaluronic Acid
RT Pectins

GLUCURONIDASE [01]
BT1 Glycosyl Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Glucuronic Acid

GLUON MODEL [01]
UF *Massive Vector-Meson Model*
BT1 Particle Models
BT2 Mathematical Models
RT Gluons
RT Quantum Chromodynamics
RT Vector Mesons

GLUONS [01]
DA February 1979
BT1 Postulated Particles
BT2 Elementary Particles
RT Gluon Model
RT Quantum Chromodynamics
RT Vector Mesons

GLUTAMIC ACID [01]
UF *Aminoglutaric Acid-alpha*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
NT1 Pyridoxylideneglutamate
RT Glutamine
RT Glutaric Acid

GLUTAMINE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glutamic Acid

GLUTARIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glutamic Acid

GLUTATHIONE [01]
BT1 Polypeptides
BT2 Peptides
BT3 Proteins
BT4 Organic Compounds
RT Radioprotective Substances

GLUTIN [01]
BT1 Scleroproteins
BT2 Proteins
BT3 Organic Compounds

GLYCERIC ACID [01]
UF *Dihydroxypropionic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Glycerin
USE Glycerol

GLYCEROL [01]
UF *Glycerin*
UF *1,2,3-Propanetriol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Batyl Alcohol
RT Cephalins
RT Lecithins
RT Lugol
RT Nitroglycerin
RT Triglycerides

Glyceryl Trioleate
USE Triolein

Glycides
USE Saccharides

GLYCINE [01]
UF *Aminoacetic Acid*
UF *Glycocoll*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glycylglycine
RT Hippuric Acid
RT Sarcosine

GLYCINE HISPIDA [01]
UF *Soybean Plant*
BT1 Leguminosae
BT2 Plants
RT Forage
RT Soybeans

Glycocoll
USE Glycine

GLYCOGEN [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Liver

Glycol Monoalkyl Ethers
USE Cellosolves

GLYCOLIC ACID [01]
UF *Hydroxyacetic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Thionalide

GLYCOLIPIDS [01]
BT1 Lipids
BT2 Organic Compounds
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Cerebrosides

GLYCOLS [01]
UF *Diols*
UF *1,2-Ethanediol*
UF *Ethylene Glycol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
NT1 Benzopinacol
NT1 2-3-butanediol
NT1 Carbitols
NT1 Cellosolves
NT1 EGTA
NT1 Pinacol
RT Dacron
RT Mylar
RT Polyethylene Glycols

GLYCOLYSIS [01]
BT1 Decomposition
BT2 Chemical Reactions
RT Carbohydrates
RT Catabolism
RT Enzymes
RT Saccharides

Glyconic Acid
USE Gluconic Acid

Glycoproteins
USE Glucoproteins

GLYCOSIDES [01]
BT1 Carbohydrates

BT2 Organic Compounds
NT1 Digitalis Glycosides
NT2 Digitoxin
NT2 Digoxin
NT1 Hesperidin
NT1 Phlorizin
NT1 Saponins
NT1 Strophantin
NT2 Ouabain
NT1 UDPG
RT Lignin
RT Quercetin

GLYCOSURIA [01]
RT Saccharides

GLYCOSYL HYDROLASES [01]
BT1 Hydrolases
BT2 Enzymes
NT1 Amylase
NT1 Galactosidase
NT1 Glucuronidase
NT1 Lysozyme

GLYCYLGLYCINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glycine
RT Peptides

Glykogenic Acid
USE Gluconic Acid

GLYOXAL [01]
UF *1,2-Ethanedial*
UF *Oxalaldehyde*
BT1 Aldehydes
BT2 Organic Compounds

GLYOXYLIC ACID [01]
UF *Oxoacetic Acid*
BT1 Aldehydes
BT2 Organic Compounds
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds

GNOME EVENT [01]
BT1 Plowshare Project
BT1 Vela Project

Gnothobionts
USE Germ-Free Animals

GOATS [01]
BT1 Domestic Animals
BT2 Animals
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals

Gobar Gas
DA October 1975
USE Intermediate BTU Gas

GODIVA REACTOR [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

GOESGEN REACTOR [01]
UF *Kernkraftwerk Goesgen-Daeniken*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GOETTINGEN SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

GOITER [01]
BT1 Endocrine Diseases
BT2 Diseases
RT Hyperthyroidism
RT Hypothyroidism
RT Thyroid

GOLD [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

GOLD 175 [01]
DA August 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 176 [01]
DA August 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 177 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 178 [01]
DA January 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 179 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 180 [01]
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 181 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 182 [01]
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 183 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 184 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 185 [01]
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 186 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 187 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 188 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 189 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes

BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 190 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 191 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 192 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 193 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 194 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 195 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 196 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 197 [01]
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

GOLD 198 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
RT Radiocolloids

GOLD 199 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 200 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD 201 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

GOLD 202 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 203 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

GOLD 204 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Gold Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

GOLD ADDITIONS [01]
BT1 Gold Alloys
BT2 Alloys

GOLD ALLOYS [01]
BT1 Alloys
NT1 Gold Additions
NT1 Gold Base Alloys
NT2 Palau

GOLD BASE ALLOYS [01]
BT1 Gold Alloys
BT2 Alloys
NT1 Palau

GOLD 197 BEAMS [01]
DA May 1979
BT1 Ion Beams
BT2 Beams

GOLD BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gold Compounds
BT2 Transition Element Compounds

GOLD CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gold Compounds
BT2 Transition Element Compounds

GOLD COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

GOLD COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Aurates
NT1 Gold Bromides
NT1 Gold Chlorides
NT1 Gold Fluorides
NT1 Gold Hydrides
NT1 Gold Iodides
NT1 Gold Oxides
NT1 Gold Silicides
NT1 Gold Tellurides

GOLD FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Gold Compounds
BT2 Transition Element Compounds

GOLD HYDRIDES [01]
DA January 1975
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

GOLD IODIDES [01]
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

GOLD IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

GOLD ISOTOPES [01]
NT1 Gold 175
NT1 Gold 176
NT1 Gold 177
NT1 Gold 178
NT1 Gold 179
NT1 Gold 180
NT1 Gold 181
NT1 Gold 182
NT1 Gold 183
NT1 Gold 184
NT1 Gold 185
NT1 Gold 186
NT1 Gold 187
NT1 Gold 188
NT1 Gold 189
NT1 Gold 190
NT1 Gold 191
NT1 Gold 192
NT1 Gold 193
NT1 Gold 194
NT1 Gold 195
NT1 Gold 196
NT1 Gold 197
NT1 Gold 198
NT1 Gold 199
NT1 Gold 200
NT1 Gold 201
NT1 Gold 202
NT1 Gold 203
NT1 Gold 204

GOLD ORES [01]
BT1 Ores

GOLD OXIDES [01]
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Aurates

GOLD SILICIDES
DA December 1975
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

GOLD 187 TARGET [01]
DA December 1978
BT1 Targets

GOLD 193 TARGET [01]
DA March 1978
BT1 Targets

GOLD 194 TARGET [01]
DA March 1978
BT1 Targets

GOLD 195 TARGET [01]
DA March 1978
BT1 Targets

GOLD 196 TARGET [01]
DA March 1978
BT1 Targets

GOLD 197 TARGET [01]
DA July 1976
BT1 Targets

GOLD 198 TARGET [01]
DA March 1978
BT1 Targets

GOLD 199 TARGET [01]
DA March 1978
BT1 Targets

GOLD TELLURIDES
DA November 1975
BT1 Gold Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

GOLDBERGER MODEL [01]
UF *Serber-Goldberger Model*
BT1 Nuclear Models
BT2 Mathematical Models

GOLDBERGER-TREIMAN RELATION [01]
RT Coupling
RT Pions
RT Quantum Field Theory
RT Weak Interactions

GOLDFISH [01]
UF *Carassius*
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

Goldhaber-Teller Model
USE Giant Resonance Model

GOLDSTONE BOSONS [01]
BT1 Bosons
BT1 Postulated Particles
BT2 Elementary Particles
NT1 Axions
RT Invariance Principles
RT SU Groups
DEF Massless particles occurring in certain broken-symmetry theories.

GOLDSTONE DIAGRAMS [01]
UF *Brueckner Approximation*
UF *Brueckner-Goldstone Theory*
UF *Brueckner-Sawada Theory*
UF *Sawada Method*
BT1 Diagrams
RT Many-Body Problem

Golgi Apparatus
USE Organoids

GONADOTROPINS [01]
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
NT1 FSH
NT1 HCG
NT1 LH
NT1 LTH
RT Gonads

GONADS [01]
NT1 Ovaries
NT1 Testes
RT Castration
RT Endocrine Glands
RT Female Genitals
RT Fertility
RT Gametogenesis
RT Genetic Effects
RT Germ Cells
RT Gonadotropins
RT HCG
RT Male Genitals
RT Pelvis
RT Reproduction
RT Sex

GONIOMETERS [01]
BT1 Measuring Instruments

GONORRHEA [01]
DA August 1976
BT1 Infectious Diseases
BT2 Diseases
RT Urogenital System Diseases

GORKOV-ELIASHBERG THEORY [01]
DA January 1976
UF *Eliashberg Equations*
RT Superconductivity
DEF Theory of gapless superconductivity arising from magnetic impurities.

GOSATOMNADZOR [01]
DA June 1977
BT1 USSR Organizations
BT2 National Organizations

GOVERNMENT POLICIES [01]
DA February 1975
NT1 Energy Policy
NT2 National Energy Plan
NT2 Project Independence
NT1 Environmental Policy
NT1 Foreign Policy
RT Federal Assistance Programs
RT Institutional Factors
RT Legal Incentives
RT Local Government
RT National Government
RT Political Aspects
RT Public Enterprises
RT Public Policy
RT State Government
RT Territorial Waters

GOVERNOR MODEL [01]
BT1 Shell Models
BT2 Nuclear Models

BT3 Mathematical Models
RT Cranking Model
RT Deformed Nuclei
RT Fission

GRABEN-1 REACTOR [01]
DA April 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

GRABEN-2 REACTOR
DA May 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

GRABS [01]
RT Hoists
RT Materials Handling

GRACE PARTICLES [01]
DA October 1978
BT1 Postulated Particles
BT2 Elementary Particles
RT Color Model
RT Hadrons
RT Hypercharge
RT Quarks
RT SU-3 Groups

GRADED BAND GAPS
DA December 1978
RT Band Theory
RT Energy Gap
RT Semiconductor Materials
RT Solar Cells

GRADED LIE GROUPS [01]
DA December 1978
UF *Lie Superalgebra*
BT1 Lie Groups
BT2 Symmetry Groups
RT Algebra
RT Supergravity
RT Supersymmetry

GRAFENRHEINFELD REACTOR [01]
DA April 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GRAFT-HOST REACTION [01]
RT Antigen-Antibody Reactions
RT Grafts
RT Host
RT Immunity
RT Transplants

GRAFT POLYMERS [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
RT Ion Exchange Materials

GRAFTS [01]
BT1 Transplants
RT Graft-Host Reaction
RT Radioimmunology

Grain Alcohol
USE Ethanol

GRAIN BOUNDARIES [01]
UF *Boundaries (Grain)*
BT1 Microstructure
BT2 Crystal Structure
RT Dislocation Pinning
RT Grain Growth
RT Intergranular Corrosion

GRAIN DENSITY [01]
UF *Density (Grain)*
BT1 Microstructure
BT2 Crystal Structure

GRAIN DISINFESTATION [01]
BT1 Disinfestation
RT Agriculture
RT Cereals
RT Fumigants
RT Insects
RT Pesticides
RT Preservation
RT Radiodisinfestation
RT Sterilization

GRAIN GROWTH [01]
UF *Growth (Grain)*
RT Crystal Growth
RT Grain Boundaries
RT Grain Refinement
RT Grain Size
RT Recrystallization

GRAIN ORIENTATION [01]
UF *Orientation (Grain)*
UF *Preferred Orientation*
BT1 Microstructure
BT2 Crystal Structure
BT1 Orientation
RT Texture

GRAIN REFINEMENT [01]
UF *Refinement (Grain)*
RT Grain Growth
RT Grain Size
RT Heat Treatments

GRAIN SIZE [01]
(See also PARTICLE SIZE.)
BT1 Microstructure
BT2 Crystal Structure
BT1 Size
RT Grain Growth
RT Grain Refinement

Grains (Cereal)
USE Cereals
AND Seeds

GRAMINEAE [01]
BT1 Plants
NT1 Cereals
NT2 Barley
NT2 Maize
NT2 Millet
NT2 Oats
NT2 Rice
NT2 Rye
NT2 Sorghum
NT2 Wheat
NT1 Sugar Cane
RT Cattle
RT Forage

GRAND GULF-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

GRAND GULF-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

GRANITES [01]
BT1 Igneous Rocks
BT2 Rocks
RT Monique Event

GRANODIORITES [01]
BT1 Igneous Rocks
BT2 Rocks

GRANTS
DA February 1978
RT Agreements
RT Contracts
RT Research Programs

GRANULAR BED FILTERS
DA June 1978
BT1 Mechanical Filters
BT2 Filters
RT Pollution Control Equipment

Granulation (Solar)
USE Solar Granulation

Granulocytes
USE Leukocytes

GRANULOMAS [01]
BT1 Pathological Changes
BT2 Diseases
RT Infectious Diseases
RT Inflammation
RT Neoplasms

GRAPEFRUITS [01]
BT1 Fruits
BT2 Food
RT Citrus

GRAPES [01]
BT1 Fruits
BT2 Food

GRAPHIC
DA January 1975
BT1 Programming

GRAPHITE [01]
UF *Graphite Moderator*
BT1 Carbon
BT2 Nonmetals
BT3 Elements
RT Carbon Fibers
RT Matrix Materials
RT Moderators
RT Refractories
RT Solid Lubricants
RT Wigner Effect

Graphite Fibers
DA November 1975
USE Carbon Fibers

Graphite Low-Energy Experimental Pile
USE Gleep Reactor

GRAPHITE MODERATED REACTORS [01]
BT1 Reactors
NT1 ANNA Reactor
NT1 BEPO Reactor
NT1 BGRR Reactor
NT1 BNL Reactor
NT1 BR-1 Reactor
NT1 Cesar Reactor
NT1 CP-1 Reactor
NT1 CP-2 Reactor
NT1 EGCR Reactor
NT1 FS-1 Reactor
NT1 Fursov Pile
***NT1** GCR Type Reactors
NT1 Gleep Reactor

NT1 Hector Reactor
NT1 Hero Reactor
NT1 HEW-305 Reactor
NT1 Hitrex-1 Reactor
NT1 HNPF Reactor
*NT1 HTGR Type Reactors
NT1 HTLTR Reactor
NT1 IEA-ZPR Reactor
NT1 Iowa UTR-10 Reactor
*NT1 LWGR Type Reactors
NT1 Marius Reactor
NT1 MSRE Reactor
NT1 Nero Reactor
NT1 NTR Reactor
NT1 PCTR Reactor
NT1 Portskewett Reactor
NT1 Proteus Reactor
NT1 RB-1 Reactor
NT1 SGR Type Reactors
NT2 SRE Reactor
NT1 SHCA Reactor
NT1 SMR Reactor
NT1 SR-305 Reactor
NT1 TREAT Reactor
NT1 TTR-1 Reactor
NT1 TTR-2 Reactor
NT1 UHTREX Reactor
NT1 Windscale Production Reactors
NT1 X-10 Reactor
NT1 Zenith Reactor

Graphite Moderator
USE Graphite

GRAPHITIZATION
DA November 1975
RT Carbonization

GRAPHS [01]
DA March 1979
BT1 Data Forms

Grasers
DA March 1978
USE Gamma-Ray Lasers

GRASHOF NUMBER [01]
RT Convection
RT Reynolds Number

GRASS
DA May 1975
BT1 Plants
NT1 Cereals
NT2 Barley
NT2 Maize
NT2 Millet
NT2 Oats
NT2 Rice
NT2 Rye
NT2 Sorghum
NT2 Wheat
NT1 Preferred Species
NT1 Sugar Cane
RT Cattle
RT Forage
RT Ground Cover
RT Pastures
RT Weeds

GRASSHOPPERS [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Locusts

GRAVIMETRIC ANALYSIS [01]
BT1 Quantitative Chemical Analysis
BT2 Chemical Analysis
NT1 Thermal Gravimetric Analysis

GRAVIMETRY [01]
(For gravitation measurements only; not for GRAVIMETRIC ANALYSIS.)
RT Acceleration
RT Gravitation
RT Gravity Surveys

GRAVITATION [01]
RT Einstein Effect
RT General Relativity Theory
RT Gravimetry
RT Gravitational Fields
RT Gravitational Interactions
RT Gravity Waves
RT Quantum Gravity
RT Schwarzschild Metric
RT Supergravity
RT Twistor Theory

GRAVITATIONAL COLLAPSE [01]
RT Black Holes
RT Neutron Stars
RT Schwarzschild Radius
RT Star Evolution

GRAVITATIONAL FIELDS [01]
UF *Fields (Gravitational)*
NT1 Kerr Field
RT Einstein Effect
RT Einstein Field Equations
RT Einstein-Maxwell Equations
RT Equivalence Principle
RT General Relativity Theory
RT Gravitation
RT Gravitational Interactions
RT Gravitational Radiation
RT Mass
RT Metrics
RT Quantum Gravity
RT Roche Equipotentials
RT Uniton
RT Weyl Unified Theory

GRAVITATIONAL INSTABILITY
DA January 1975
BT1 Plasma Instability
BT2 Instability

GRAVITATIONAL INTERACTIONS [01]
BT1 Basic Interactions
BT2 Interactions
RT Gravitation
RT Gravitational Fields
RT Gravitational Radiation
RT Gravitational Waves

GRAVITATIONAL RADIATION [01]
BT1 Radiations
NT1 Gravitons
RT General Relativity Theory
RT Gravitational Fields
RT Gravitational Interactions
RT Gravitational Waves

GRAVITATIONAL WAVE DETECTORS [01]
DA April 1976
BT1 Radiation Detectors
BT2 Measuring Instruments

GRAVITATIONAL WAVES [01]
RT Einstein-Maxwell Equations
RT Gravitational Interactions
RT Gravitational Radiation

GRAVITONS [01]
BT1 Gravitational Radiation
BT2 Radiations
BT1 Massless Particles
BT2 Elementary Particles
BT1 Postulated Particles
BT2 Elementary Particles
RT Quantum Gravity
RT Uniton

GRAVITY LOGGING
DA January 1977
BT1 Well Logging
RT Gravity Surveys
DEF Well logging by detection of gravitational anomalies.

GRAVITY SURVEYS
DA January 1975
BT1 Geophysical Surveys
RT Geothermal Exploration
RT Gravimetry
RT Gravity Logging

GRAVITY WAVES [01]
RT Fluid Mechanics
RT Gravitation

GRAYWACKE [01]
BT1 Sedimentary Rocks
BT2 Rocks

GREASES [01]
BT1 Lubricants
RT Lubrication
RT Oils

GREAT BASIN
DA April 1978
BT1 USA
BT2 North America
RT Arizona
RT California
RT Nevada
RT Utah
RT Western Region
DEF Area including Nevada, western and central Utah, Mohave county in Arizona, and the counties of Alpine, El Dorado, Inyo, Mono, and San Bernardino in California.

Great Britain
USE United Kingdom

GREAT LAKES [01]
BT1 Lakes
BT2 Surface Waters
NT1 Lake Erie
NT1 Lake Huron
NT1 Lake Michigan
NT1 Lake Ontario
NT1 Lake Superior
RT Great Lakes Basin

GREAT LAKES BASIN
DA June 1978
BT1 Watersheds
RT Great Lakes

GREAT LAKES REGION
DA July 1978
UF *Region V*
NT1 Illinois
NT2 Chicago
NT1 Indiana
NT1 Michigan
NT1 *Minnesota*
NT1 Ohio
NT2 Cleveland
NT1 Wisconsin

GREAT PLAINS
DA September 1978
RT Midwest Region
RT Rocky Mountain Region
RT Southwest Region
DEF An area of land encompassing the eastern portions of Montana, Wyoming, Colorado, and New Mexico; and the western portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas. The area includes the Southern provinces of Canada on its northern boundary.

GREAT SALT LAKE
DA July 1976
BT1 Lakes
BT2 Surface Waters
RT Utah

GREECE [01]
BT1 Europe

Greek Research Reactor
USE Democritus Reactor

GREELEY EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions

BT2 Explosions

GREEN FUNCTION [01]
BT1 Functions
RT Differential Equations
RT Sturm-Liouville Equation

Green Oil
DA April 1976
USE Shale Oil Fractions

GREEN RIVER FORMATION
DA February 1975
NT1 Mahogany Zone
NT1 Uinta Basin
RT Colorado
RT Oil Shales
RT Piceance Creek Basin
RT Utah
RT Wyoming

GREENE COUNTY REACTOR [01]
DA November 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GREENHOUSE EFFECT
DA May 1976
RT Heat Transfer
RT Reflection
RT Trapping

GREENHOUSE PROJECT [01]
UF *Project (Greenhouse)*
RT Eniwetok
RT Nuclear Explosions

GREENHOUSES
DA January 1975
BT1 Buildings
NT1 Attached Greenhouses
RT Agriculture
RT Hydroponic Culture

GREENLAND [01]
RT Arctic Regions
RT Denmark

GREENWOOD-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GREENWOOD-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

GREIFSWALD-1 REACTOR [01]
DA June 1975
UF *Bruno Leuschner-1 Reactor*
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

GREIFSWALD-2 REACTOR [01]
DA June 1975
UF *Bruno Leuschner-2 Reactor*
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

GREIFSWALD-3 REACTOR [01]
DA September 1978
UF *Bruno Leuschner-3 Reactor*
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

GREIFSWALD-4 REACTOR [01]
DA September 1978
UF *Bruno Leuschner-4 Reactor*
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

GRENOBLE CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

GRENOBLE REACTOR [01]
UF *Franco-German High Flux Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

Grenoble Reactor Melusine-1
USE Melusine-1 Reactor

Grenoble Reactor Melusine-2
USE Siloette Reactor

GREULING-GOERTZEL APPROXIMATION
DA January 1975
RT Neutron Flux
RT Neutron Slowing-Down Theory
RT Slowing-Down
RT Transport Theory
DEF Treatment of neutron slowing-down which includes absorption.

GRIBOV-LIPATOV RELATION [01]
BT1 Equations
RT Annihilation
RT Scattering
RT Structure Functions

GRIDS [01]
BT1 Electrodes
RT Battery Paste

Grids (Coordinates)
USE Coordinates

GRIGNARD REAGENTS [01]
UF *Alkylmagnesium Compounds*
UF *Arylmagnesium Compounds*
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Organometallic Compounds
BT2 Organic Compounds

GRILLO PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF A desulfurization process based on chemisorption of the acidic components of waste gas in which the absorbent consists of an oxide compound of MgO and MnO_2.

GRINDING [01]
BT1 Comminution
BT1 Machining
RT Grinding Machines
RT Honing
RT Mullers
RT Wear

GRINDING MACHINES [01]
BT1 Machine Tools
RT Grinding

GROHNDE REACTOR [01]
DA September 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GROM DEVICES
DA January 1975
BT1 Pinch Devices
BT2 Thermonuclear Devices

Groningen Versneller Instituut
DA October 1977
USE KVI

GROSS DOMESTIC PRODUCT
DA February 1978
RT Economic Development
RT Gross National Product
RT Market
RT Production
DEF Sum of a nation's economic output measured in terms of expenditures for goods and services by consumers, government, business, and foreign countries.

GROSS NATIONAL PRODUCT
DA January 1976
RT Economic Development
RT Economics
RT Economy
RT Gross Domestic Product
RT Market
RT Production
DEF The sum of Gross Domestic Product and earnings from foreign investments.

Grosswelzheim HDR Reactor
USE HDR Reactor

Grosswelzheim PR-10 Reactor
USE AEG-PR-10 Reactor

Ground Control
DA May 1978
USE Strata Control

GROUND COVER
DA September 1978
RT Crops
RT Erosion
RT Forests
RT Grass
RT Plants
RT Revegetation
RT Water Pollution Abatement

GROUND DISPOSAL
DA August 1978
UF *Land Application*
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT Liquid Wastes
RT Radioactive Wastes
RT Sewage Sludge
RT Solid Wastes

Ground-Effect Machines
DA August 1977
USE Air Cushion Vehicles

Ground Experimental Engine Experiment
USE XE-Prime Reactor

Ground Experimental Engine Experiment-2
DA April 1975
USE XE-2 Reactor

GROUND LEVEL [01]
BT1 Levels

GROUND MOTION [01]
BT1 Motion
RT Earthquakes
RT Ground Subsidence
RT Ground Uplift
RT Landslides
RT Nuclear Explosions
RT Seismic Detectors
RT Seismic Effects
RT Seismic Events
RT Seismic Waves
RT Seismographs
RT Seismology
RT Shock Waves
RT Slope Stability
RT Strata Movement
RT Underground Explosions

GROUND RELEASE [01]
(Release of gaseous effluents at ground level.)
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT Gaseous Wastes
RT Radioactive Waste Disposal
RT Stack Disposal

GROUND STATES [01]
BT1 Energy Levels

GROUND SUBSIDENCE
DA January 1975
UF *Subsidence (Ground)*
RT Ground Motion

GROUND UPLIFT
DA April 1979
RT Geodetic Surveys
RT Ground Motion
RT Strata Movement
RT Tectonics
DEF Process of elevating a part of the earth's surface.

GROUND WATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
NT1 Interstitial Water
NT2 Connate Water
NT1 Magmatic Water
NT1 Meteoric Water
RT Alluvial Deposits
RT Aquifers
RT Artesian Basins
RT Atmospheric Precipitations
RT Clays
RT Drawdown
RT Fluid Withdrawal
RT Geysers
RT Hydrology
RT Liquid Wastes
RT Radionuclide Migration
RT Recharge
RT Soils
RT Surface Waters
RT Water Resources

Ground-Water Reserves
DA March 1976
USE Aquifers

Ground Water Withdrawal
DA November 1975
USE Fluid Withdrawal

Groundnuts
(Arachis hypogaea)
USE Peanuts

Grounds
DA February 1975
USE Electric Grounds

Groundwater Recharge
DA May 1976
USE Recharge

GROUP CONSTANTS [01]
BT1 Cross Sections
RT Energy Range
RT Energy Spectra
RT Multigroup Theory

GROUP THEORY [01]
(For mathematical groups only; for neutron-energy groups use MULTI-GROUP THEORY.)
BT1 Mathematics
RT Clebsch-Gordan Coefficients
RT Clifford Algebra
RT Galilei Transformations
RT Irreducible Representations
RT Nonunitary Representations
RT R Matrix
RT Racah Coefficients
RT Space Groups
RT Supersymmetry
RT Symmetry Groups
RT Wigner Coefficients
RT Young Diagram

Groups (Space)
USE Space Groups

GROUTING
DA March 1977
RT Bonding
RT Cements
RT Mortars
RT Seals
RT Stemming Materials

GROWTH [01]
UF+ *Cell Growth (Animal)*
UF+ *Cell Growth (Plant)*
UF+ *Growth Inhibition*
UF+ *Growth Stimulation*
NT1 Animal Growth
NT1 Plant Growth
RT Age Dependence
RT Augmentation
RT Biological Regeneration
RT Life Cycle
RT Metabolism
RT Physiology
RT Population Dynamics
RT Ripening
RT STH
RT Teratogenesis
RT Viability

Growth (Crystal)
USE Crystal Growth

Growth (Economic)
DA October 1977
USE Economic Growth

Growth (Grain)
USE Grain Growth

Growth Hormone
USE STH

Growth Hormone-Release Inhibiting Factor
DA February 1979
USE Somatostatin

Growth Inhibition
(If possible, use a more specific term for growth.)
USE Growth
AND Inhibition

Growth Stimulation
USE Growth
AND Stimulation

GRR Reactor
USE Democritus Reactor

GRS
DA October 1977
USE Ges Fuer Reaktorsicherheit

GRUENEISEN CONSTANT [01]
RT Compressibility
RT Specific Heat
RT Thermal Expansion

GRUENEISEN FORMULA [01]
RT Electric Conductivity
RT Metals

GS Process
DA September 1975
USE Dual Temperature Process

GSD
DA June 1975
USE Genetically Significant Dose

GSTR REACTOR [01]
UF *Geological Survey TRIGA Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GTR REACTOR [01]
UF *Fort Worth GTR Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

GTRR REACTOR [01]
UF *Georgia Tech. Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors

BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

GUAM
DA February 1978
BT1 Islands

GUANETHIDINE [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds

GUANIDINES [01]
DA November 1976
UF *Iminourea*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
RT Amides
RT Imines

Guanidylaminovaleric Acid
USE Arginine

GUANINE [01]
UF *Aminohypoxanthine*
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Guanosine
RT Guanylic Acid

GUANOSINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Guanine
RT Guanylic Acid

GUANYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Guanine
RT Guanosine

Guard Logging
DA May 1979
USE Resistivity Logging

GUATEMALA [01]
BT1 Central America
BT2 Latin America

Guidance (Electronic)
USE Electronic Guidance

Guidelines
USE Recommendations

GUIDING-CENTER APPROXIMATION [01]
RT Charged Particles
RT Magnetic Fields
RT Motion
RT Plasma
RT Rotation

GUILLEMINITE [01]
BT1 Selenium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Selenium Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

GUINEA PIGS [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

GUINIER-PRESTON ZONES [01]
BT1 Zones
RT Crystal Structure
RT Phase Transformations
RT Segregation

Gulf General Atomic Fast Breeder Reactor
USE GCFR Reactor

Gulf General Atomic TRIGA-Mk-1
USE Gulf TRIGA-Mk-1 Reactor

Gulf General Atomic TRIGA-Mk-3
USE Gulf TRIGA-Mk-3 Reactor

GULF OF ALASKA
DA April 1976
UF *Cook Inlet*
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters

GULF OF CALIFORNIA
DA November 1975
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters

GULF OF MAINE [01]
DA January 1975
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
RT Massachusetts
RT New Hampshire

GULF OF MEXICO [01]
BT1 Caribbean Sea
BT2 Atlantic Ocean
BT3 Seas
BT4 Surface Waters
NT1 Galveston Bay
NT1 San Antonio Bay

GULF OF SUEZ
DA January 1976
BT1 Red Sea
BT2 Seas
BT3 Surface Waters

GULF STREAM
DA June 1977
UF *Florida Current*
BT1 Water Currents
BT2 Currents
RT Atlantic Ocean

GULF TRIGA-MK-1 REACTOR [01]
UF *Gulf General Atomic TRIGA-Mk-1*
UF *TRIGA-San Diego Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GULF TRIGA-MK-3 REACTOR [01]
UF *Gulf General Atomic TRIGA-Mk-3*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

GUM ACACIA [01]
UF *Gum Arabic*
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Arabinose

Gum Arabic
USE Gum Acacia

GUMMITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

GUMS
DA January 1975
RT Colloids

Gun Cotton
USE Nitrocellulose

GUNDREMMINGEN-2 REACTOR [01]
DA May 1975
UF *KRB II-B Reactor*
UF *RWE-Bayernwerk-B Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors

BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

GUNDREMMINGEN-3 REACTOR [01]
DA May 1975
UF *KRB II-C Reactor*
UF *RWE-Bayernwerk-C Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Gundremminger KRB Reactor
DA August 1975
USE RWE-Bayernwerk Reactor

GUNNISON RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Colorado

GUNS [01]
DA January 1975
RT Ammunition
RT Armor
RT Explosives
RT Projectiles

GUTTA PERCHA [01]
RT Elastomers

GYNECOLOGY [01]
(Including obstetrics.)
UF *Obstetrics*
BT1 Medicine
RT Female Genitals
RT Pregnancy
RT Urogenital System Diseases
RT Women

GYPSUM [01]
BT1 Calcium Sulfates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Minerals

GYPSUM CEMENTS [01]
UF *Plaster of Paris*
BT1 Cements
BT2 Building Materials
BT3 Materials

Gypsy Moth
USE Lymantria Dispar

GYROCONS
DA May 1979
BT1 Electron Tubes
RT Power Supplies
RT RF Systems
DEF Electron tube operating by deflection modulation.

GYROELECTRIC RATIO [01]
RT Angular Momentum
RT Electric Moments

GYROFREQUENCY [01]
UF *Frequency (Gyro)*
RT Cyclotron Frequency

Gyromagnetic Radius
USE Larmor Radius

GYROMAGNETIC RATIO [01]
UF *G Factor (Gyromagnetic Ratio)*
RT Angular Momentum
RT Magnetic Moments

GYROSCOPES [01]
RT Measuring Instruments
RT Precession
RT Rotation

Gyrotrons
DA April 1978
USE Microwave Amplifiers

H-Alpha Line
USE Balmer Lines

H-Beta Line
USE Balmer Lines

H CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

H-COAL PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Hydrocarbon Research, Inc. process for the direct catalytic conversion of whole coal to synthetic crude oil at moderate temperature (950°F)and high pressure(2250-2700psig).

H CODES [01]
BT1 Computer Codes

H-Gamma Line
USE Balmer Lines

H-OIL PROCESS
DA January 1975
RT Oil Sands
RT Oil Shales
DEF Method of hydrogenation to upgrade oil shale.

H1 REGIONS [01]
BT1 Cosmic Radio Sources
RT Hydrogen

H2 REGIONS [01]
BT1 Cosmic Radio Sources
RT Hydrogen Ions 1 Plus
RT Nebulae

H-2050 RESONANCES [01]
DA November 1976
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

H THEOREM [01]
RT Boltzmann Statistics
RT Entropy

Haag-Araki Field Theory
DA March 1978
USE Algebraic Field Theory

HAAG THEOREM [01]
RT PHI4-Field Theory
RT Quantum Field Theory

HABIT PLANES [01]
RT Crystal Lattices
RT Phase Transformations

HABITAT
DA November 1976
RT Environment
DEF The area or type of environment in which a plant or animal normally lives or occurs.

HABROBRACON [01]
BT1 Wasps
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals

HACHIMANTAI
DA April 1978
BT1 Japan
BT2 Asia
RT Matsukawa Geothermal Field
RT Onuma Geothermal Field
RT Takinoue Geothermal Field
RT Volcanic Regions

Haddam Neck Reactor
USE Connecticut Yankee Reactor

HADLEY EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

HADRON-HADRON INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
NT1 Baryon-Baryon Interactions
NT2 Hyperon-Hyperon Interactions
NT2 Nucleon-Antinucleon Interactions
NT3 Antiproton-Neutron Interactions
NT3 Neutron-Antineutron Interactions
NT3 Proton-Antineutron Interactions
NT3 Proton-Antiproton Interactions
NT2 Nucleon-Deuteron Interactions
NT3 Antineutron-Deuteron Interactions
NT3 Antiproton-Deuteron Interactions
NT3 Neutron-Deuteron Interactions
NT3 Proton-Deuteron Interactions
NT2 Nucleon-Hyperon Interactions
NT2 Nucleon-Nucleon Interactions
NT3 Neutron-Neutron Interactions
NT3 Proton-Nucleon Interactions
NT4 Proton-Neutron Interactions
NT4 Proton-Proton Interactions
NT1 Meson-Baryon Interactions
NT2 Kaon-Deuteron Interactions
NT2 Meson-Hyperon Interactions
NT3 Kaon-Hyperon Interactions
NT3 Pion-Hyperon Interactions
NT2 Meson-Nucleon Interactions
NT3 Kaon-Nucleon Interactions
NT4 Kaon-Neutron Interactions
NT5 Kaon Minus-Neutron Interactions
NT5 Kaon Neutral-Neutron Interactions
NT5 Kaon Plus-Neutron Interactions
NT4 Kaon-Proton Interactions
NT5 Kaon Minus-Proton Interactions
NT5 Kaon Neutral-Proton Interactions
NT5 Kaon Plus-Proton Interactions
NT3 Pion-Nucleon Interactions
NT4 Pion-Neutron Interactions
NT5 Pion Minus-Neutron Interactions
NT5 Pion Neutral-Neutron Interactions
NT5 Pion Plus-Neutron Interactions
NT4 Pion-Proton Interactions
NT5 Pion Minus-Proton Interactions
NT5 Pion Neutral-Proton Interactions
NT5 Pion Plus-Proton Interactions
NT2 Pion-Deuteron Interactions
NT1 Meson-Meson Interactions
NT2 Kaon-Kaon Interactions
NT2 Pion-Kaon Interactions
NT2 Pion-Pion Interactions

RT Electromagnetic Interactions
RT Strong Interactions

HADRON REACTIONS [01]
BT1 Nuclear Reactions
NT1 Baryon Reactions
NT2 Hyperon Reactions
NT2 Nucleon Reactions
NT3 Antinucleon Reactions
NT4 Antineutron Reactions
NT4 Antiproton Reactions
NT3 Neutron Reactions
NT4 Fast Fission
NT4 Thermal Fission
NT3 Proton Reactions
NT1 Meson Reactions
NT2 Kaon Reactions
NT3 Kaon Minus Reactions
NT3 Kaon Neutral Reactions
NT3 Kaon Plus Reactions
NT2 Pion Reactions
NT3 Pion Minus Reactions
NT3 Pion Neutral Reactions
NT3 Pion Plus Reactions
RT Space-Time Model

HADRONIC ATOMS [01]
UF *Antiprotonic Atoms*
UF *Exotic Atoms*
UF *Sigma-Minus Atoms*
BT1 Atoms
NT1 Mesic Atoms
NT2 Kaonic Atoms
NT2 Pionic Atoms
NT1 Protonium
DEF Atoms with a hadron such as an antiproton or a sigma-minus particle bound in atomic orbits.

Hadronic Clusters
DA June 1978
USE Cluster Emission Model

HADRONIC PARTICLE DECAY [01]
(Particle decay due to hadronic interaction.)
DA April 1978
BT1 Particle Decay
BT2 Decay
RT Strong Interactions

HADRONS [01]
BT1 Elementary Particles
NT1 Baryons
NT2 Antibaryons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Antinucleons
NT4 Antineutrons
NT4 Antiprotons
NT2 Baryon Resonances
NT3 Charmed Baryon Resonances
NT4 C-2260 Resonances
NT4 Lambda-2250 Resonances
NT3 Dibaryon Resonances
NT3 D*Resonances
NT3 N*Resonances
NT4 Delta-1236 Resonances
NT4 Delta-1650 Resonances
NT4 Delta-1670 Resonances
NT4 Delta-1877 Resonances
NT4 Delta-1890 Resonances
NT4 Delta-1910 Resonances
NT4 Delta-1950 Resonances
NT4 Delta-1960 Resonances
NT4 Delta-2200 Resonances
NT4 Delta-2420 Resonances
NT4 Delta-2850 Resonances
NT4 Delta-3230 Resonances
NT4 N-1470 Resonances
NT4 N-1520 Resonances
NT4 N-1535 Resonances
NT4 N-1680 Resonances
NT4 N-1688 Resonances
NT4 N-1700 Resonances
NT4 N-1780 Resonances
NT4 N-1860 Resonances
NT4 N-1990 Resonances
NT4 N-2040 Resonances
NT4 N-2190 Resonances
NT4 N-2650 Resonances
NT4 N-3030 Resonances
NT3 Y*Resonances
NT4 Lambda-1405 Resonances
NT4 Lambda-1520 Resonances
NT4 Lambda-1670 Resonances
NT4 Lambda-1690 Resonances
NT4 Lambda-1815 Resonances
NT4 Lambda-1830 Resonances
NT4 Lambda-2100 Resonances
NT4 Lambda-2250 Resonances
NT4 Lambda-2350 Resonances
NT4 Sigma-1385 Resonances
NT4 Sigma-1580 Resonances
NT4 Sigma-1620 Resonances
NT4 Sigma-1640 Resonances
NT4 Sigma-1660 Resonances
NT4 Sigma-1670 Resonances
NT4 Sigma-1750 Resonances
NT4 Sigma-1765 Resonances
NT4 Sigma-1910 Resonances
NT4 Sigma-1940 Resonances
NT4 Sigma-2030 Resonances
NT4 Sigma-2250 Resonances
NT4 Sigma-2455 Resonances
NT4 Sigma-2595 Resonances
NT4 Xi-1530 Resonances
NT4 Xi-1630 Resonances
NT4 Xi-1820 Resonances
NT4 Xi-1930 Resonances
NT4 Xi-2030 Resonances
NT3 Z*Resonances
NT2 Hyperons
NT3 Antihyperons
NT4 Antilambda Particles
NT4 Antiomega Particles
NT4 Antisigma Particles
NT4 Antixi Particles
NT3 Lambda Particles
NT3 Omega Particles
NT4 Omega Minus
NT3 Sigma Particles
NT4 Sigma Minus
NT4 Sigma Neutral
NT4 Sigma Plus
NT3 Xi Particles
NT4 Xi Minus
NT4 Xi Neutral
NT2 Nucleons
NT3 Neutrons
NT4 Cold Neutrons
NT5 Ultracold Neutrons
NT4 Cosmic Neutrons
NT4 Epithermal Neutrons
NT4 Fast Neutrons
NT4 Fission Neutrons
NT5 Delayed Neutrons
NT5 Prompt Neutrons
NT4 Intermediate Neutrons
NT4 Photoneutrons
NT4 Pile Neutrons
NT4 Polyneutrons
NT5 Dineutrons
NT5 Trineutrons
NT4 Resonance Neutrons
NT4 Slow Neutrons
NT4 Solar Neutrons
NT4 Tetraneutrons
NT4 Thermal Neutrons
NT3 Photonucleons
NT4 Photoneutrons
NT3 Protons
NT4 Cosmic Protons
NT4 Delayed Protons
NT4 Diprotons
NT4 Photoprotons
NT4 Prompt Protons
NT4 Solar Protons
NT4 Trapped Protons
NT1 Mesons
NT2 Antimesons
NT3 Pseudoscalar Antimesons
NT4 Antikaons
NT5 Antikaons Neutral
NT2 Meson Resonances
NT3 A Resonances
NT4 A1-1070 Resonances
NT4 A2-1310 Resonances
NT4 A4-1960 Resonances
NT4 A2H-1320 Resonances
NT4 A2L-1280 Resonances
NT4 F-1540 Resonances
NT3 B-1235 Resonances
NT3 Baryonium
NT3 Charmed Meson Resonances
NT4 D Resonances
NT5 D-1865 Resonances
NT5 D-2007 Resonances
NT4 F-2030 Resonances
NT4 F*Resonances
NT3 Chi Resonances
NT4 Chi-3455 Resonances
NT4 CHI-3500 Resonances
NT4 CHI-3550 Resonances
NT3 Chi-3410 Resonances
NT3 D-1285 Resonances
NT3 Delta-966 Resonances
NT3 E-1422 Resonances
NT3 Eta-700 Resonances
NT3 Eta-958 Resonances
NT3 Eta-1060 Resonances
NT3 H-2050 Resonances
NT3 Kappa-725 Resonances
NT3 K*Resonances
NT4 K-892 Resonances
NT4 K-1240 Resonances
NT4 K-1320 Resonances
NT4 K-1420 Resonances
NT4 K-1775 Resonances
NT4 K-1871 Resonances
NT4 L-1770 Resonances
NT3 Omega-1675 Resonances
NT3 Omega-1778 Resonances
NT3 Pi-1016 Resonances
NT3 Pi-1640 Resonances
NT3 Q Resonances
NT3 R-1650 Resonances
NT3 Rho-1250 Resonances
NT3 Rho-1500 Resonances
NT3 Rho-1670 Resonances
NT3 Rho-1700 Resonances
NT3 S-1000 Resonances
NT3 S-1930 Resonances
NT3 Sigma-410 Resonances
NT3 T-2200 Resonances
NT3 Tensor Mesons
NT4 A2-1310 Resonances
NT4 F-1260 Resonances
NT4 F-1514 Resonances
NT4 K-1420 Resonances
NT3 U-2375 Resonances
NT3 Upsilon Resonances
NT4 Upsilon-9500 Resonances
NT4 Upsilon-10500 Resonances
NT3 Vector Mesons
NT4 K-892 Resonances
NT4 Omega-784 Resonances
NT4 Phi-1019 Resonances
NT4 Psi Resonances
NT5 Psi-3105 Resonances
NT5 Psi-3695 Resonances
NT5 PSI-3772 Resonances
NT5 PSI-4028 Resonances
NT5 Psi-4100 Resonances
NT5 Psi-4300 Resonances
NT5 PSI-4414 Resonances
NT4 Rho-765 Resonances
NT4 Rho-1600 Resonances
NT3 X-2830 Resonances
NT2 Pomeranchuk Particles
NT2 Pseudoscalar Mesons
NT3 Eta Mesons
NT3 Eta-958 Resonances
NT3 Kaons
NT4 Antikaons
NT5 Antikaons Neutral
NT4 Cosmic Kaons
NT4 Kaons Minus
NT4 Kaons Neutral
NT5 Antikaons Neutral
NT5 Kaons Neutral Long-Lived
NT5 Kaons Neutral Short-Lived

NT4 Kaons Plus
NT3 Omega-1675 Resonances
NT3 Pions
NT4 Cosmic Pions
NT4 Pions Minus
NT4 Pions Neutral
NT4 Pions Plus
NT3 Pseudoscalar Antimesons
NT4 Antikaons
NT5 Antikaons Neutral
NT2 Scalar Mesons
NT1 Resonance Particles
NT2 Baryon Resonances
NT3 Charmed Baryon Resonances
NT4 C-2260 Resonances
NT4 Lambda-2250 Resonances
NT3 Dibaryon Resonances
NT3 D*Resonances
NT3 N*Resonances
NT4 Delta-1236 Resonances
NT4 Delta-1650 Resonances
NT4 Delta-1670 Resonances
NT4 Delta-1877 Resonances
NT4 Delta-1890 Resonances
NT4 Delta-1910 Resonances
NT4 Delta-1950 Resonances
NT4 Delta-1960 Resonances
NT4 Delta-2200 Resonances
NT4 Delta-2420 Resonances
NT4 Delta-2850 Resonances
NT4 Delta-3230 Resonances
NT4 N-1470 Resonances
NT4 N-1520 Resonances
NT4 N-1535 Resonances
NT4 N-1680 Resonances
NT4 N-1688 Resonances
NT4 N-1700 Resonances
NT4 N-1780 Resonances
NT4 N-1860 Resonances
NT4 N-1990 Resonances
NT4 N-2040 Resonances
NT4 N-2190 Resonances
NT4 N-2650 Resonances
NT4 N-3030 Resonances
NT3 Y*Resonances
NT4 Lambda-1405 Resonances
NT4 Lambda-1520 Resonances
NT4 Lambda-1670 Resonances
NT4 Lambda-1690 Resonances
NT4 Lambda-1815 Resonances
NT4 Lambda-1830 Resonances
NT4 Lambda-2100 Resonances
NT4 Lambda-2250 Resonances
NT4 Lambda-2350 Resonances
NT4 Sigma-1385 Resonances
NT4 Sigma-1580 Resonances
NT4 Sigma-1620 Resonances
NT4 Sigma-1640 Resonances
NT4 Sigma-1660 Resonances
NT4 Sigma-1670 Resonances
NT4 Sigma-1750 Resonances
NT4 Sigma-1765 Resonances
NT4 Sigma-1910 Resonances
NT4 Sigma-1940 Resonances
NT4 Sigma-2030 Resonances
NT4 Sigma-2250 Resonances
NT4 Sigma-2455 Resonances
NT4 Sigma-2595 Resonances
NT4 Xi-1530 Resonances
NT4 Xi-1630 Resonances
NT4 Xi-1820 Resonances
NT4 Xi-1930 Resonances
NT4 Xi-2030 Resonances
NT3 Z*Resonances
NT2 Exotic Resonances
NT3 A4-1960 Resonances
NT3 Eta-1060 Resonances
NT3 K-1775 Resonances
NT3 Rho-1250 Resonances
NT3 S-1930 Resonances
NT3 T-2200 Resonances
NT3 U-2375 Resonances
NT3 Z*Resonances
NT2 Meson Resonances
NT3 A Resonances
NT4 A1-1070 Resonances
NT4 A2-1310 Resonances
NT4 A4-1960 Resonances
NT4 A2H-1320 Resonances
NT4 A2L-1280 Resonances
NT4 F-1540 Resonances
NT3 B-1235 Resonances
NT3 Baryonium
NT3 Charmed Meson Resonances
NT4 D Resonances
NT5 D-1865 Resonances
NT5 D-2007 Resonances
NT4 F-2030 Resonances
NT4 F*Resonances
NT3 Chi Resonances
NT4 Chi-3455 Resonances
NT4 CHI-3500 Resonances
NT4 CHI-3550 Resonances
NT3 Chi-3410 Resonances
NT3 D-1285 Resonances
NT3 Delta-966 Resonances
NT3 E-1422 Resonances
NT3 Eta-700 Resonances
NT3 Eta-958 Resonances
NT3 Eta-1060 Resonances
NT3 H-2050 Resonances
NT3 Kappa-725 Resonances
NT3 K*Resonances
NT4 K-892 Resonances
NT4 K-1240 Resonances
NT4 K-1320 Resonances
NT4 K-1420 Resonances
NT4 K-1775 Resonances
NT4 K-1871 Resonances
NT4 L-1770 Resonances
NT3 Omega-1675 Resonances
NT3 Omega-1778 Resonances
NT3 Pi-1016 Resonances
NT3 Pi-1640 Resonances
NT3 Q Resonances
NT3 R-1650 Resonances
NT3 Rho-1250 Resonances
NT3 Rho-1500 Resonances
NT3 Rho-1670 Resonances
NT3 Rho-1700 Resonances
NT3 S-1000 Resonances
NT3 S-1930 Resonances
NT3 Sigma-410 Resonances
NT3 T-2200 Resonances
NT3 Tensor Mesons
NT4 A2-1310 Resonances
NT4 F-1260 Resonances
NT4 F-1514 Resonances
NT4 K-1420 Resonances
NT3 U-2375 Resonances
NT3 Upsilon Resonances
NT4 Upsilon-9500 Resonances
NT4 Upsilon-10500 Resonances
NT3 Vector Mesons
NT4 K-892 Resonances
NT4 Omega-784 Resonances
NT4 Phi-1019 Resonances
NT4 Psi Resonances
NT5 Psi-3105 Resonances
NT5 Psi-3695 Resonances
NT5 PSI-3772 Resonances
NT5 PSI-4028 Resonances
NT5 Psi-4100 Resonances
NT5 Psi-4300 Resonances
NT5 PSI-4414 Resonances
NT4 Rho-765 Resonances
NT4 Rho-1600 Resonances
NT3 X-2830 Resonances
RT Centauro-Type Events
RT Charm Particles
RT CIM Model
RT Grace Particles
RT Melosh Transformation
RT Taste Particles

HAEMOPHILUS [01]
UF *Hemophilus*
BT1 Bacteria
BT2 Microorganisms

HAFNATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Hafnium Oxides

HAFNIUM [01]
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Hafnium-Alpha
NT1 Hafnium-Beta

HAFNIUM 157 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 158 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 159 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 160 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 161 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 166 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 167 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 168 [01]
BT1 Beta-Plus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 169 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 170 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 171 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 172 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 173 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 174 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 175 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei

HAFNIUM 176 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

HAFNIUM 177 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

HAFNIUM 178 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

HAFNIUM 179 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

HAFNIUM 180 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

HAFNIUM 181 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei

HAFNIUM 182 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 183 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 184 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HAFNIUM 185 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei

HAFNIUM 186 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT2 Nuclei

HAFNIUM ADDITIONS [01]
BT1 Hafnium Alloys
BT2 Alloys
NT1 Astar 811C

HAFNIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-88
NT1 Alloy-C-103
NT1 Alloy-C-129Y
NT1 Alloy SU31
NT1 Hafnium Additions
NT2 Astar 811C

NT1 Hafnium Base Alloys

HAFNIUM-ALPHA [01]
DA April 1975
BT1 Hafnium
BT2 Refractory Metals
BT3 Metals
BT4 Elements
BT2 Transition Elements
BT3 Metals
BT4 Elements

HAFNIUM BASE ALLOYS [01]
BT1 Hafnium Alloys
BT2 Alloys

HAFNIUM-BETA [01]
DA April 1975
BT1 Hafnium
BT2 Refractory Metals
BT3 Metals
BT4 Elements
BT2 Transition Elements
BT3 Metals
BT4 Elements

HAFNIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Hafnium Compounds
BT2 Transition Element Compounds

HAFNIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Hafnium Compounds
BT2 Transition Element Compounds

HAFNIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Hafnium Compounds
BT2 Transition Element Compounds

HAFNIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Hafnium Compounds
BT2 Transition Element Compounds

HAFNIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

HAFNIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Hafnates
NT1 Hafnium Borides
NT1 Hafnium Bromides
NT1 Hafnium Carbides
NT1 Hafnium Chlorides
NT1 Hafnium Fluorides
NT1 Hafnium Hydrides
NT1 Hafnium Hydroxides
NT1 Hafnium Iodides
NT1 Hafnium Nitrates
NT1 Hafnium Nitrides
NT1 Hafnium Oxides
NT2 Baddeleyite
NT1 Hafnium Phosphates
NT1 Hafnium Phosphides
NT1 Hafnium Selenides
NT1 Hafnium Silicates
NT1 Hafnium Silicides
NT1 Hafnium Sulfates
NT1 Hafnium Sulfides
NT1 Hafnium Tellurides
NT1 Hafnium Tungstates

HAFNIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Hafnium Compounds
BT2 Transition Element Compounds

HAFNIUM HYDRIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

HAFNIUM HYDROXIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

HAFNIUM IODIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

HAFNIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

HAFNIUM ISOTOPES [01]
NT1 Hafnium 157
NT1 Hafnium 158
NT1 Hafnium 159
NT1 Hafnium 160
NT1 Hafnium 161
NT1 Hafnium 166
NT1 Hafnium 167
NT1 Hafnium 168
NT1 Hafnium 169
NT1 Hafnium 170
NT1 Hafnium 171
NT1 Hafnium 172
NT1 Hafnium 173
NT1 Hafnium 174
NT1 Hafnium 175
NT1 Hafnium 176
NT1 Hafnium 177
NT1 Hafnium 178
NT1 Hafnium 179
NT1 Hafnium 180
NT1 Hafnium 181
NT1 Hafnium 182
NT1 Hafnium 183
NT1 Hafnium 184
NT1 Hafnium 185
NT1 Hafnium 186

HAFNIUM NITRATES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

HAFNIUM NITRIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

HAFNIUM OXIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Baddeleyite
RT Hafnates

HAFNIUM PHOSPHATES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

HAFNIUM PHOSPHIDES
DA February 1979
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

HAFNIUM SELENIDES [01]
DA January 1975
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

HAFNIUM SILICATES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

HAFNIUM SILICIDES [01]
DA January 1975
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

HAFNIUM SULFATES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

HAFNIUM SULFIDES [01]
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

HAFNIUM 174 TARGET [01]
DA May 1977
BT1 Targets

HAFNIUM 176 TARGET [01]
DA July 1976
BT1 Targets

HAFNIUM 177 TARGET [01]
DA July 1976
BT1 Targets

HAFNIUM 178 TARGET [01]
DA July 1976
BT1 Targets

HAFNIUM 179 TARGET [01]
DA July 1976
BT1 Targets

HAFNIUM 180 TARGET [01]
DA July 1976
BT1 Targets

HAFNIUM TELLURIDES
DA September 1978
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

HAFNIUM TUNGSTATES [01]
DA March 1978
BT1 Hafnium Compounds
BT2 Transition Element Compounds
BT1 Tungstates

HAIL [01]
BT1 Atmospheric Precipitations
RT Ice
RT Weather

HAINES PROCESS
DA January 1977
RT Desulfurization
DEF An adsorption process for desulfurization and sulfur recovery which uses alkali metal aluminosilicates.

HAIR [01]
BT1 Skin
BT2 Organs
BT3 Body
RT Epilation
RT Hair Follicles
RT Melanin

HAIR FOLLICLES [01]
DA January 1975
BT1 Animal Cells
RT Hair

HAIWEEITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

Halden Heavy Boiling Water Reactor
USE HBWR Reactor

HALEX PROCESS [01]
BT1 Purex Process
BT2 Reprocessing
BT3 Separation Processes

HALF-LIFE [01]
UF *Halftime*
RT Decay
RT Ft Value
RT Lifetime
RT Microsec Living Radioisotopes
RT Radioisotope Generators

Half-Life (Biological)
USE Biological Half-Life

Half-Life (Effective)
USE Biological Half-Life

HALF-THICKNESS [01]
BT1 Thickness
BT2 Dimensions
RT Absorption
RT Radiation Protection
RT Radiation Quality
RT Shielding

HALFBEAK EVENT [01]
DA January 1977
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

Halftime
USE Half-Life

HALIDES [01]
BT1 Halogen Compounds
NT1 Ammonium Halides
NT2 Ammonium Chlorides
*NT1 Bromides
NT1 Cadmium Halides
NT2 Cadmium Bromides
NT2 Cadmium Chlorides
NT2 Cadmium Fluorides
NT2 Cadmium Iodides
NT1 Calcium Halides
NT2 Calcium Bromides
NT2 Calcium Chlorides
NT2 Calcium Fluorides
NT3 Fluorite
NT2 Calcium Iodides
*NT1 Chlorides
NT1 Copper Halides
NT2 Copper Bromides
NT2 Copper Chlorides
NT2 Copper Fluorides
NT2 Copper Iodides
*NT1 Fluorides
*NT1 Iodides
NT1 Lead Halides
NT2 Lead Bromides
NT2 Lead Chlorides
NT2 Lead Fluorides
NT2 Lead Iodides
NT1 Lithium Halides
NT2 Lithium Bromides
NT2 Lithium Chlorides
NT2 Lithium Fluorides
NT2 Lithium Iodides
NT1 Manganese Halides
NT2 Manganese Bromides
NT2 Manganese Chlorides
NT2 Manganese Fluorides
NT2 Manganese Iodides
NT1 Mercury Halides
NT2 Mercury Bromides
NT2 Mercury Chlorides
NT2 Mercury Fluorides
NT2 Mercury Iodides
NT1 Rhenium Halides
NT2 Rhenium Bromides
NT2 Rhenium Chlorides
NT2 Rhenium Fluorides
NT2 Rhenium Iodides
NT1 Silicon Halides
NT1 Tellurium Halides
NT2 Tellurium Bromides
NT2 Tellurium Chlorides
NT2 Tellurium Fluorides
NT2 Tellurium Iodides
NT1 Thallium Halides
NT1 Tin Halides
NT2 Tin Bromides
NT2 Tin Chlorides
NT2 Tin Fluorides
NT2 Tin Iodides
NT1 Zinc Halides
NT2 Zinc Bromides
NT2 Zinc Chlorides
NT2 Zinc Fluorides
NT2 Zinc Iodides

HALL EFFECT [01]
RT Electric Conductors
RT Ettinghausen Effect
RT Nernst Effect
RT Righi-Leduc Effect
RT Shubnikov-De Haas Effect

Hall Generators
USE MHD Generators

Hallam Nuclear Power Facility
USE HNPF Reactor

HALLIMONDITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Lead Oxides
BT2 Lead Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

HALLUCINOGENS [01]
BT1 Psychotropic Drugs
BT2 Drugs

HALOGEN COMPOUNDS [01]
(Only for inorganic compounds; see also other inorganic halogen compounds.)
*NT1 Astatine Compounds
*NT1 Bromine Compounds
*NT1 Chlorine Compounds
*NT1 Fluorine Compounds
*NT1 Halides
*NT1 Iodine Compounds
RT Organic Halogen Compounds

HALOGENATED ALICYCLIC HYDROCARBONS
DA February 1975
BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Brominated Alicyclic Hydrocarbons
NT1 Chlorinated Alicyclic Hydrocarbons
NT2 Lindane
NT1 Fluorinated Alicyclic Hydrocarbons
NT1 Iodinated Alicyclic Hydrocarbons

HALOGENATED ALIPHATIC HYDROCARBONS
DA February 1975
BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Brominated Aliphatic Hydrocarbons
NT2 Bromoform
NT2 Methyl Bromide
NT1 Chlorinated Aliphatic Hydrocarbons
NT2 Carbon Tetrachloride
NT2 Chloroform
NT2 Methyl Chloride
NT2 PVC
NT1 Fluorinated Aliphatic Hydrocarbons
NT2 Carbon Tetrafluoride
NT2 Fluoroform
NT2 Methyl Fluoride
NT2 Polytetrafluoroethylene
NT3 Teflon
NT2 Tedlar
NT1 Freons
NT1 Iodinated Aliphatic Hydrocarbons
NT2 Iodoform
NT2 Methyl Iodide
RT Refrigerants

HALOGENATED AROMATIC HYDROCARBONS
DA February 1975
BT1 Aromatics
BT2 Organic Compounds
BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Brominated Aromatic Hydrocarbons
NT1 Chlorinated Aromatic Hydrocarbons
NT2 Aldrin
NT1 Fluorinated Aromatic Hydrocarbons
NT1 Iodinated Aromatic Hydrocarbons

HALOGENATION [01]
BT1 Chemical Reactions
NT1 Bromination
NT1 Chlorination
NT2 Sulfochlorination
NT1 Fluorination
NT1 Iodination

HALOGENS [01]
BT1 Nonmetals
BT2 Elements
NT1 Astatine
NT1 Bromine
NT1 Chlorine
NT1 Fluorine
NT1 Iodine

HALPERN-STRUTINSKI THEORY [01]
RT Angular Distribution

HALTHANE
DA February 1979
BT1 Adhesives
BT1 Polyurethanes
BT2 Plastics
BT3 Petrochemicals
BT4 Petroleum Products
BT2 Polyamides
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

Ham
USE Meat

HAMADA-JOHNSTON POTENTIAL [01]
BT1 Nucleon-Nucleon Potential
BT2 Potentials
RT Nuclear Models
RT Nuclear Potential

HAMAOKA-1 REACTOR [01]
UF *Chubu-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

HAMAOKA-2 REACTOR [01]
UF *Chubu-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

HAMAOKA-3 REACTOR [01]
UF *Chubu-3 Reactor*
BT1 Power Reactors
BT2 Reactors

Hamburg Synchrotron
USE DESY

HAMILTON-JACOBI EQUATIONS [01]
BT1 Differential Equations
BT2 Equations
RT Equations of Motion
RT Hamiltonian Function
RT Mechanics

Hamilton Operators
USE Hamiltonians

HAMILTONIAN FUNCTION [01]
BT1 Functions
RT Classical Mechanics
RT Equations of Motion
RT Hamilton-Jacobi Equations
RT Hamiltonians

HAMILTONIANS [01]
UF *Energy Operators*
UF *Hamilton Operators*
BT1 Quantum Operators
BT2 Mathematical Operators
RT Detailed Balance Principle
RT Hamiltonian Function

HAMM-UENTROP REACTOR [01]
DA April 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

HAMSTERS [01]
UF *Chinese Hamster*
UF *Cricetulus*
UF *Mesocricetus*
UF *Syrian Hamster*
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

HANDCAR EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

HANDLEY EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

Handling (Data)
USE Data Processing

Handling (Materials)
USE Materials Handling

Handling (Wastes)
USE Waste Management

HANDS [01]
BT1 Limbs
BT2 Body Areas
BT3 Body
NT1 Fingers
RT Gloves
RT Manipulators

Hanford Atomic Products Operation
USE HAPO

Hanford Neutron Radiography Facility
DA January 1979
USE Triga-1-Hanford Reactor

HANFORD PRODUCTION REACTORS [01]
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors

HANFORD-2 REACTOR [01]
(Name changed to Washington Public Power Supply System Nuclear Project Number 2, and current items are indexed to the abbreviated form WNP-2 REACTOR.)
BT1 WNP-2 Reactor
BT2 BWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors

HANFORD RESERVATION [01]
DA July 1976
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Battelle Pacific Northwest Laboratories
RT HAPO
RT Neutron Source Facilities

Hanford 305 Test Reactor
USE HEW-305 Reactor

Hankel Functions
USE Bessel Functions

HANKEL TRANSFORM [01]
BT1 Integral Transformations
BT2 Transformations

Hannover TRIGA-Mk-1 Reactor
DA January 1975
USE TRIGA-1-Hanover Reactor

HAPLOIDY [01]
BT1 Ploidy
RT Gametes

HAPO [01]
UF *Hanford Atomic Products Operation*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Battelle Pacific Northwest Laboratories
RT Hanford Reservation
RT Sequim Bay

HAPTOGLOBINS [01]
BT1 Globulins-Alpha
BT2 Globulins
BT3 Proteins
BT4 Organic Compounds
BT1 Mucoproteins
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT2 Proteins
BT3 Organic Compounds

HARANG DISCONTINUITY [01]
UF *Midnight Discontinuity*
BT1 Auroral Oval
RT Aurorae
RT Ionosphere

HARBORS [01]
UF *Ports*
RT Chariot Event
RT Inland Waterways
RT Marinas
RT Moorings
RT Seas

Hard Coal
DA June 1979
SEE Anthracite
OR Black Coal

HARD COLLISION MODELS [01]
DA April 1978
BT1 Particle Models
BT2 Mathematical Models
DEF Models which reduce the origin of high systems to a binary collision of the projectiles or some subunits thereof

HARD COMPONENT [01]
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations

HARD CORE PINCH [01]
BT1 Pinch Effect
RT Linear Hard Core Pinch Devices

HARD-CORE POTENTIAL [01]
BT1 Nuclear Potential
BT2 Potentials
RT Jastrow Theory
RT Massey-Mohr Equation
RT Nucleons

HARD FACING
DA July 1978
UF *Hard Surfacing*
UF *Surfacing, Hard*
RT Cladding
RT Surface Coating

Hard Soldering
USE Brazing

HARD-SPHERE MODEL [01]
RT Gases

Hard Surfacing
DA July 1978
USE Hard Facing

HARD X RADIATION [01]
BT1 X Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT2 Ionizing Radiations
BT3 Radiations

HARDENING [01]
NT1 Age Hardening

NT1 Dispersion Hardening
NT1 Precipitation Hardening
NT1 Quench Hardening
NT1 Radiation Hardening
NT1 Strain Hardening
NT1 Surface Hardening
NT2 Carburization
RT Cold Working
RT Hardness
RT Heat Treatments

Hardening (Spectral)
USE Spectral Hardening

HARDHAT EVENT [01]
BT1 Plowshare Project

HARDNESS [01]
BT1 Mechanical Properties
NT1 Microhardness
RT Brinell Hardness
RT Hardening
RT Knoop Hardness
RT Rockwell Hardness
RT Vickers Hardness

HARDTACK PROJECT [01]
UF *Project (Hardtack)*
RT Eniwetok
RT Nuclear Explosions

HARMONIC OSCILLATOR MODELS [01]
BT1 Mathematical Models
RT Atomic Models
RT Harmonic Oscillators
RT Nuclear Models
RT Particle Models

HARMONIC OSCILLATORS [01]
RT Equations of Motion
RT Harmonic Oscillator Models
RT Mathematics
RT Mechanics

HARMONIC POTENTIAL [01]
BT1 Nuclear Potential
BT2 Potentials

HARMONICA-2 DEVICE [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

HARMONICA DEVICES
DA January 1975
BT1 Thermonuclear Devices

HARMONICS [01]
DA June 1975
BT1 Oscillations
NT1 Cyclotron Harmonics
RT Lattice Vibrations
RT Mechanical Vibrations
RT Nonlinear Problems
RT Oscillation Modes
RT Plasma Waves
RT Resonance
DEF Eigenfrequency oscillations excited in a vibrating system.

HARMONIE REACTOR [01]
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

HARRIS-1 REACTOR [01]
UF *Shearon Harris-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

HARRIS-2 REACTOR [01]
UF *Shearon Harris-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

HARRIS-3 REACTOR [01]
UF *Shearon Harris-3 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

HARRIS-4 REACTOR [01]
UF *Shearon Harris-4 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

HARTLEPOOL REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HARTMANN NUMBER [01]
RT Fluid Flow
RT Magnetohydrodynamics

Hartree Approximation
USE Hartree-Fock Method

HARTREE-FOCK-BOGOLYUBOV THEORY [01]
DA February 1975
RT Bogolyubov Transformation
RT Hartree-Fock Method
RT Nuclear Models
RT Nuclear Structure
RT Self-Consistent Field

HARTREE-FOCK METHOD [01]
UF *Fock Method*
UF *Fock Self-Consistent Field*
UF *Hartree Approximation*
RT Atomic Models
RT Electronic Structure
RT Hartree-Fock-Bogolyubov Theory
RT Nuclear Models
RT Nuclear Structure
RT Self-Consistent Field

HARTSVILLE-1 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

HARTSVILLE-2 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

HARTSVILLE-3 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

HARTSVILLE-4 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

HARVARD SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

HARVEST PROCESS
DA January 1977
BT1 Radioactive Waste Processing
BT2 Waste Processing
BT3 Processing
BT3 Waste Management
BT4 Management
RT Fuel Cycle
RT Nuclear Materials Management
RT Radioactive Waste Storage
RT Solidification
RT Vitrification
DEF Developed by UKAEA and British Nuclear Fuels Ltd.; fission products are reduced to solid oxides, fused into a glass, then stored in metal flasks under water.

HARVESTING
DA September 1976
RT Biomass
RT Crops
RT Wood

Harwell Pluto Reactor
USE Pluto Reactor

HARWELL SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Harwell Synchrotron
USE Nimrod

HASTELLOY B [01]
BT1 Hastelloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Alloys
BT3 Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HASTELLOY C [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Hastelloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Alloys
BT3 Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

Hastelloy C-4
DA January 1979
USE Hastelloys

Hastelloy C-276
DA January 1979
USE Hastelloys

HASTELLOY F [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Hastelloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Alloys
BT3 Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HASTELLOY N
DA February 1975
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HASTELLOY S
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Hastelloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Alloys
BT3 Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HASTELLOY X [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Hastelloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Alloys
BT3 Alloys
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

HASTELLOYS [01]
UF *Hastelloy C-4*
UF *Hastelloy C-276*
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
NT1 Hastelloy B
NT1 Hastelloy C
NT1 Hastelloy F
NT1 Hastelloy S
NT1 Hastelloy X
RT Corrosion Resistant Alloys

HATCH-1 REACTOR [01]
UF *Edwin I. Hatch-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

HATCH-2 REACTOR [01]
UF *Edwin I. Hatch-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

HATCHETTOLITE [01]
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Tantalum Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tantalum Compounds
BT3 Transition Element Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

HATCHING
DA October 1975
RT Eggs

HATCHOBARU GEOTHERMAL FIELD
DA January 1977
BT1 Geothermal Fields
RT Japan

HAUSDORFF SPACE [01]
DA June 1975
BT1 Mathematical Space
BT2 Space

HAUSER-FESHBACH THEORY [01]
BT1 Nuclear Theory
RT Compound Nuclei
RT Inelastic Scattering
RT Nuclear Reactions

HAVAR [01]
DA April 1975
BT1 Beryllium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Base Alloys
BT2 Chromium Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

HAVEN-1 REACTOR [01]
(Prior to July, 1978 known as KOSH-KONONG-1 REACTOR and older material is so indexed.)
DA June 1978
UF *WUP-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HAVEN-2 REACTOR [01]
(Prior to July, 1978 known as KOSH-KONONG-2 REACTOR and older material is so indexed.)
DA June 1978
UF *WUP-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HAWAII [01]
BT1 USA
BT2 North America
BT1 Western Region

RT Kilauea Volcano
RT Pacific Ocean

HAYNES 25 ALLOY [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

HAYNES 188 ALLOY [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HAYNES ALLOYS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

HAYNES STELLITE 6B [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

HAYNES STELLITE NO 21
DA January 1975
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

HAYWOOD MODEL [01]
RT Neutrons
RT Scattering
RT Transport Theory

HAZARDOUS MATERIALS
(Not for radioactive materials.)
DA January 1977
RT Toxic Materials
RT Toxins
RT Waste Management

HAZARDS [01]
UF *Risks*
UF+ *Global Risk*
UF+ *Nuclear Controversy*
NT1 Fire Hazards
NT1 Health Hazards
NT2 Radiation Hazards
RT Accidents
RT Damage
RT Excursions
RT Failures
RT Fires
RT Insurance
RT Liabilities
RT Pressure Release
RT Reliability
RT Rock Bursts
RT Sabotage
RT Safety
RT Safety Engineering
RT Safety Showers
RT Workmens Compensation

HAZEL REACTOR [01]
UF *Homogeneous Assembly Zero Energy*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

HAZEN PROCESS
DA April 1978
RT Coal Preparation
RT Desulfurization
DEF Totally dry chemical coal cleaning process in which the mineral component in pulverized coal is reacted with gaseous iron pentacarbonyl (toxic) which makes mineral sulfur and other mineral components strongly magnetic, so they can be separated by dry magnetic separation methods.

HB Robinson-2
USE Robinson-2 Reactor

HBTX DEVICES
DA April 1975
BT1 Toroidal Screw Pinch Devices
BT2 Toroidal Pinch Devices
BT3 Closed Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices
RT United Kingdom

HBWR REACTOR [01]
UF *Halden Heavy Boiling Water Reactor*
BT1 BHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HCG [01]
UF *Human Chorionic Gonadotropin*
BT1 Gonadotropins
BT2 Pituitary Hormones
BT3 Peptide Hormones
BT4 Hormones
RT Gonads

HCP LATTICES [01]
UF *Hexagonal Close Packed*
BT1 Hexagonal Lattices
BT2 Crystal Lattices
BT3 Crystal Structure

HD-556
DA August 1979
USE Alloy-HD-556

HD 8077
DA August 1979
USE Nickel Base Alloys

HDEHP [01]
SF *DEHPA*
UF *Bis(2-ethylhexyl)phosphoric Acid*
UF *Di-2-Ethylhexylphosphoric Acid*
BT1 Phosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

HDO
USE Deuterium Compounds
AND Heavy Water

HDR REACTOR [01]
UF *Grosswelzheim HDR Reactor*
UF *Heissdampfreaktoranlage*
UF *Kahl-Main Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HE-3 COUNTERS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments

HEAD [01]
BT1 Body Areas
BT2 Body
NT1 Face
NT2 Nose
RT Brain
RT Carotid Arteries
RT Oral Cavity
RT Sense Organs
RT Skull

HEAD END PROCESSES [01]
NT1 Decladding
NT2 Chemical Decladding
NT2 Mechanical Decladding
NT1 Voloxidation Process
RT Reprocessing

HEADING MACHINES
DA June 1978
BT1 Cutter Loaders
BT2 Mining Equipment
BT3 Equipment
RT Coal Mines
RT Mining

HEALING [01]
BT1 Biological Recovery
BT2 Recovery
RT Cell Division
RT Wounds

HEALTH HAZARDS [01]
BT1 Hazards
NT1 Radiation Hazards
RT First Aid
RT Injuries
RT Maximum Credible Accident
RT Occupational Safety
RT Occupational Safety and Health Act

RT Preventive Medicine
RT Public Health
RT Quarantine
RT Radiation Protection
RT Radiopasteurization
RT Safety

Health Physics
USE Radiation Protection

Health Physics Research Reactor
USE HPRR Reactor

HEALTH SERVICES
DA October 1978
BT1 Social Services
RT Hospitals
RT Human Populations
RT Medical Centers
RT Social Impact
RT Socio-Economic Factors

HEARINGS [01]
DA February 1975
UF *Congressional Hearings*
RT Arbitration
RT Courts
RT Lawsuits
RT Legislation
RT Meetings

HEART [01]
BT1 Cardiovascular System
BT1 Organs
BT2 Body
NT1 Myocardium
NT1 Pericardium
RT Aorta
RT Blood Circulation
RT Cardiac Pacemakers
RT Cardiography
RT Cardiotonics
RT Chest
RT Coronaries
RT Electrocardiograms
RT Mechanical Heart
RT Mediastinum

HEART FAILURE
DA July 1976
BT1 Diseases
RT Coronaries

HEAT
DA April 1975
BT1 Energy
NT1 Absorption Heat
NT1 Combustion Heat
NT1 Process Heat
NT2 Geothermal Process Heat
NT2 Solar Process Heat
NT1 Waste Heat
RT Air Heaters
RT Energy Recovery
RT Heat Recovery
RT Heat Transfer
RT Heaters
RT Heating
RT Heating Load
RT Temperature Effects

HEAT AFFECTED ZONE [01]
RT Welding

Heat Capacity
USE Specific Heat

Heat Dissipation
SEE Diffusion
OR Environmental Transport
OR Heat Transfer
OR Thermal Effluents

HEAT DISTRIBUTION SYSTEMS
DA May 1976
UF *Underground Heat Distribution Systems*
RT District Heating

Heat Effects
DA October 1975
USE Temperature Effects

HEAT ENGINES
DA September 1975
BT1 Engines
NT1 Stirling Engines
RT Solar-Assisted Power Systems

HEAT EXCHANGERS [01]
UF *Coolers*
NT1 Direct Contact Heat Exchangers
NT1 Fluidized Bed Heat Exchangers
NT1 Heat Pumps
NT2 Air Source Heat Pumps
NT2 Solar-Assisted Heat Pumps
NT2 Water Source Heat Pumps
NT1 In-Vessel Heat Exchangers
NT1 Radiators
RT Cooling
RT Cooling Towers
RT Evaporators
RT Heat Recovery Equipment
RT Heat Transfer
RT Heating
RT Isolation Condensers
RT Mechanical Draft Cooling Towers
RT Natural Draft Cooling Towers
RT Reactor Components
RT Reactor Cooling Systems
RT Steam Condensers
RT Steam Generators
RT Working Fluids

HEAT EXTRACTION
DA August 1975
UF *Extraction (Heat)*
RT Heat Recovery Equipment
RT Heat Transfer

HEAT FLOW
DA January 1975
RT Geothermal Gradients
RT Heat Transfer
RT R Factors
RT Thermal Conduction
DEF Thermal gradient x thermal conductivity - $\mu cal/cm^2 sec$.

HEAT FLUX [01]
DA April 1977
NT1 Critical Heat Flux
RT Burnout
RT Dryout
RT Heat Transfer

HEAT GAIN
DA February 1979
UF *Passive Heat Gain*
RT Cooling Load
RT Heat Losses
RT Heat Transfer
RT Heating Load

HEAT LOSSES
DA August 1975
BT1 Energy Losses
BT2 Losses
RT Dissipation Factor
RT Heat Gain
RT Heat Recovery Equipment
RT Heat Transfer
RT Infrared Thermography

HEAT MIRRORS
DA February 1979
BT1 Mirrors
RT Coatings
RT Films
RT Glazing Materials
RT Reflective Coatings
RT Thermal Insulation
RT Windows
DEF Thin, transparent optical films which are reflective to long-wave infrared radiation.

Heat of Absorption
USE Absorption Heat

Heat of Adsorption
USE Adsorption Heat

Heat of Combustion
USE Combustion Heat

Heat of Dissociation
USE Dissociation Heat

Heat of Formation
USE Formation Heat

Heat of Fusion
USE Fusion Heat

Heat of Mixing
USE Mixing Heat

Heat of Reaction
USE Reaction Heat

Heat of Solution
USE Solution Heat

Heat of Sublimation
USE Sublimation Heat

Heat of Transition
USE Transition Heat

Heat of Vaporization
USE Vaporization Heat

HEAT PIPE WICKS
DA July 1976
RT Capillary Flow
RT Heat Pipes

HEAT PIPES [01]
RT Capillary Flow
RT Heat Pipe Wicks
RT Heat Transfer
RT Pipes

HEAT PUMPS
DA January 1975
BT1 Heat Exchangers
NT1 Air Source Heat Pumps
NT1 Solar-Assisted Heat Pumps
NT1 Water Source Heat Pumps
RT Coefficient of Performance
RT Cooling
RT Electric Heating
RT Heat Transfer
RT Heating
RT Pumps
RT Refrigeration

HEAT RECOVERY
DA February 1975
BT1 Energy Recovery
BT2 Recovery
RT Heat
RT Heat Recovery Equipment
RT Heat Transfer
RT Waste Heat Utilization

HEAT RECOVERY EQUIPMENT
DA June 1977
BT1 Equipment
RT Heat Exchangers
RT Heat Extraction
RT Heat Losses
RT Heat Recovery
RT Waste Heat Boilers

HEAT RESISTANT MATERIALS
DA November 1978
BT1 Materials
*NT1 Heat Resisting Alloys
RT Temperature Effects

HEAT RESISTING ALLOYS [01]
BT1 Alloys
BT1 Heat Resistant Materials
BT2 Materials
NT1 Alloy-A-286
NT1 Alloy-CK-20
NT1 Alloy-D-979
NT1 Alloy-GMR-235
NT1 Alloy-Khn60mkbyut
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-N-155
NT1 Alloy-N-9M

NT1 Alloy-N-10M
NT1 Alloy-Nt25a5
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-TA-10V
NT1 Alloy-V-36
NT1 Alloy-VM-1
NT1 Alloy-VN-2
NT1 Alloy-VN-3
NT1 Alloy-Zm-2A
NT1 Enduro
NT1 Hastelloys
NT2 Hastelloy B
NT2 Hastelloy C
NT2 Hastelloy F
NT2 Hastelloy S
NT2 Hastelloy X
NT1 Incoloy Alloys
NT2 Incoloy 800
NT2 Incoloy 802
NT2 Incoloy 901
NT1 Inconel 617
NT1 Nimonic
NT2 Nimonic 90
NT2 Nimonic PE16
NT1 Refractaloy
NT1 Rene 41
NT1 Rene 95
NT1 Rezistal
NT1 Stainless Steel-304
NT1 Stainless Steel-305
NT1 Stainless Steel-309
NT1 Stainless Steel-310
NT1 Stainless Steel-316
NT1 Stainless Steel-321
NT1 Stainless Steel-347
NT1 Stainless Steel-403
NT1 Stainless Steel-410
NT1 Stainless Steel-430
NT1 Stainless Steel-19-9DL
NT1 Stainless Steel-304L
NT1 Stainless Steel-Z6cnd17-12
NT1 Steel-DIN-1-4948
NT1 Steel-DIN-1-4981
NT1 Steel-DIN-1-6770
NT1 Steel-4Kh12n8g8mfb
NT1 Steel-00Kh20n32t
NT1 Steel-3Kh15n13yu3
NT1 Steel-22NiMoCr37
NT1 Steel-X6crni1811
NT1 Stellite
NT2 Alloy-HS-21
NT2 Alloy-HS-25
NT2 Alloy-HS-31
NT1 Tophet
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Waspaloy
RT Austenitic Steels
RT Refractories
RT Refractory Metals
RT Steel-DIN-1-4970
RT Steel-DIN-1-4988

HEAT SINKS [01]
RT Heat Transfer
RT Thermal Effluents
RT Thermodynamics
RT Vapor Condensers
RT Waste Heat

HEAT SOURCES
DA January 1976
NT1 Fireplaces
NT1 Radioisotope Heat Sources

Heat Sources (Radioisotope)
DA June 1975
USE Radioisotope Heat Sources

HEAT STORAGE [01]
DA January 1975
UF *Thermal Storage*
BT1 Energy Storage
BT2 Storage
NT1 Latent Heat Storage
NT1 Sensible Heat Storage
NT2 Drum Walls
NT1 Thermochemical Heat Storage
RT Annual Energy Storage
RT Cold Storage
RT Energy Storage Systems
RT Regeneration
RT Regenerators
RT Rock Beds
RT Thermal Energy Storage Equipment
RT Thermic Diode Solar Panels

Heat Storage Devices
DA May 1976
USE Thermal Energy Storage Equipment

Heat Storage Systems
DA August 1976
USE Thermal Energy Storage Equipment

HEAT TRANSFER [01]
SF *Heat Dissipation*
UF *Exchange (Heat)*
UF *Heat Transmission*
UF *Transfer (Heat)*
UF *Transmission (Heat)*
BT1 Energy Transfer
NT1 Radiant Heat Transfer
NT1 Thermal Conduction
RT Ablation
RT Boilers
RT Boiling
RT Burnout
RT Calorimetry
RT Continuity Equations
RT Convection
RT Coolant Loops
RT Cooling
RT Critical Heat Flux
RT Fluid Flow
RT Fourier Heat Equation
RT Greenhouse Effect
RT Heat
RT Heat Exchangers
RT Heat Extraction
RT Heat Flow
RT Heat Flux
RT Heat Gain
RT Heat Losses
RT Heat Pipes
RT Heat Pumps
RT Heat Recovery
RT Heat Sinks
RT Heat Transfer Fluids
RT Heaters
RT Heating
RT Hot Spots
RT Nucleate Boiling
RT Nusselt Number
RT Reactor Cooling Systems
RT Rewetting
RT Righi-Leduc Effect
RT Rosseland Approximation
RT Steam Condensers
RT Steam Generators
RT Thermal Boundary Resistance
RT Thermal Conductivity
RT Thermal Diffusion
RT Thermal Insulation
RT Thermal Radiation
RT Thermodynamics
RT Thermosyphons
RT Two-Phase Flow
RT U Values
RT Vapor Condensation

HEAT TRANSFER FLUIDS
DA April 1978
BT1 Fluids
RT Black Liquids
RT Heat Transfer

Heat Transfer Properties
DA August 1976
USE Thermodynamic Properties

Heat Transmission
USE Heat Transfer

HEAT TREATMENTS [01]
UF *Preheating*
NT1 Annealing
NT1 Quench Hardening
NT1 Quenching
NT1 Tempering
RT Aging
RT Controlled Atmospheres
RT Critical Temperature
RT Grain Refinement
RT Hardening
RT Heating
RT Nucleic Acid Denaturation
RT Protein Denaturation
RT Recrystallization
RT Stress Relaxation

Heated Effluents
USE Thermal Effluents

Heater Oil
DA March 1976
USE Heating Oils

HEATERS [01]
NT1 Air Heaters
NT1 Feedwater Heaters
NT1 Space Heaters
NT1 Thermoelectric Heaters
NT1 Water Heaters
NT2 Solar Water Heaters
RT Heat
RT Heat Transfer

HEATING [01]
NT1 Baking
NT1 District Heating
NT2 Geothermal District Heating
NT1 Electric Heating
NT2 Baseboard Heating
NT2 Radiant Cable Heating
NT2 Resistance Heating
NT1 Flash Heating
NT1 Geothermal Heating
NT2 Geothermal District Heating
NT2 Geothermal Space Heating
NT1 Plasma Heating
NT2 Adiabatic Compression Heating
NT2 Beam Injection Heating
NT2 High-Frequency Heating
NT3 ECR Heating
NT3 ICR Heating
NT3 Magnetic-Pumping Heating
NT4 Acoustic Heating
NT4 Collisional Heating
NT4 Transit-Time Magnetic Pumping
NT2 Joule Heating
NT2 Laser-Radiation Heating
NT2 Shock Heating
NT2 Turbulent Heating
NT1 Radiation Heating
NT1 Solar Heating
NT2 Solar Space Heating
NT2 Solar Water Heating
NT1 Space Heating
NT2 Auxiliary Heating
NT2 Geothermal Space Heating
NT2 Solar Space Heating
NT1 Superheating
NT2 Nuclear Superheating
RT Air Conditioning
RT Air Heaters
RT Annual Cycle Energy System
RT Boiling
RT Cooling
RT Heat
RT Heat Exchangers
RT Heat Pumps
RT Heat Transfer
RT Heat Treatments
RT Heating Rate
RT Incubation
RT Melting
RT Retorting
RT Subterrene Penetrators
RT Temperature Control

HEATING LOAD
DA September 1975
RT Air Conditioning

RT Cooling Load
RT Enthalpy
RT Heat
RT Heat Gain
RT Solar Heating

HEATING OILS
DA March 1976
UF *Burner Fuel Oil*
UF *Distillate Fuel*
UF *Distillate Fuel Oil*
UF *Furnace Oil*
UF *Heater Oil*
UF *No. 2 Fuel Oil*
BT1 Fuel Oils
BT2 Fuels
BT2 Oils
BT3 Other Organic Compounds
BT4 Organic Compounds
BT2 Petroleum Products
RT Liquefied Petroleum Gases

HEATING RATE
DA December 1976
RT Heating

HEATING SYSTEMS
DA May 1977
NT1 Geothermal Heating Systems
NT1 Solar Heating Systems
NT2 Passive Solar Heating Systems
NT3 Bead Walls
NT3 Drum Walls
NT3 Roof Ponds
NT3 Thermic Diode Solar Panels
NT3 Trombe Walls
NT2 Solar-Assisted Heat Pumps
RT Solar Space Heating
RT Space Heating

Heavy Fuels
DA January 1976
USE Residual Fuels

HEAVY ION ACCELERATORS [01]
(Includes combined accelerator types for heavy ion acceleration.)
DA November 1975
BT1 Accelerators
NT1 Cracow U-120 Cyclotron
NT1 GANIL
NT1 HHIRF
NT1 Hilacs
NT2 SuperHilac
NT1 UNILAC
NT1 VICKSI
RT Acceleration
RT Heavy Ions

Heavy Ion Linear Accelerators
USE Hilacs

HEAVY ION REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions
NT1 Aluminium 27 Reactions
NT1 Argon 40 Reactions
NT1 Beryllium 9 Reactions
NT1 Boron 10 Reactions
NT1 Boron 11 Reactions
NT1 Calcium 40 Reactions
NT1 Calcium 44 Reactions
NT1 Calcium 48 Reactions
NT1 Carbon 12 Reactions
NT1 Carbon 13 Reactions
NT1 Carbon 14 Reactions
NT1 Chlorine 35 Reactions
NT1 Chlorine 37 Reactions
NT1 Chromium 52 Reactions
NT1 Chromium 54 Reactions
NT1 Copper 63 Reactions
NT1 Copper 65 Reactions
NT1 Deep Inelastic Heavy Ion Reactions
NT1 Fluorine 19 Reactions
NT1 Germanium 74 Reactions
NT1 Germanium 76 Reactions
NT1 Iron 56 Reactions
NT1 Iron 58 Reactions
NT1 Krypton 83 Reactions
NT1 Krypton 84 Reactions
NT1 Krypton 86 Reactions
NT1 Lanthanum 139 Reactions
NT1 Lead 208 Reactions
NT1 Lithium 6 Reactions
NT1 Lithium 7 Reactions
NT1 Magnesium 24 Reactions
NT1 Neodymium 150 Reactions
NT1 Neon 20 Reactions
NT1 Neon 22 Reactions
NT1 Nickel 58 Reactions
NT1 Nickel 60 Reactions
NT1 Nickel 64 Reactions
NT1 Niobium 93 Reactions
NT1 Nitrogen 14 Reactions
NT1 Nitrogen 15 Reactions
NT1 Oxygen 16 Reactions
NT1 Oxygen 17 Reactions
NT1 Oxygen 18 Reactions
NT1 Palladium 118 Reactions
NT1 Phosphorus 31 Reactions
NT1 Quasi-Fission
NT1 Silicon 28 Reactions
NT1 Silicon 29 Reactions
NT1 Sodium 23 Reactions
NT1 Sulfur 32 Reactions
NT1 Sulfur 33 Reactions
NT1 Sulfur 34 Reactions
NT1 Thallium 205 Reactions
NT1 Tin 120 Reactions
NT1 Titanium 48 Reactions
NT1 Titanium 50 Reactions
NT1 Uranium 235 Reactions
NT1 Uranium 238 Reactions
NT1 Xenon 129 Reactions
NT1 Xenon 132 Reactions
NT1 Xenon 136 Reactions
NT1 Zinc 68 Reactions
NT1 Zinc 70 Reactions
RT Hilacs
RT Nuclear Fireball Model

HEAVY ION SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

HEAVY IONS [01]
(Whenever possible use one of the more specific terms listed under ION BEAMS.)
BT1 Ions
BT2 Charged Particles
RT GANIL
RT Heavy Ion Accelerators
RT HHIRF
RT Hilacs
RT Ion Beams
RT Ion Detection
RT Multicharged Ions

HEAVY LEPTONS [01]
BT1 Leptons
BT2 Elementary Particles
BT2 Fermions
BT1 Postulated Particles
BT2 Elementary Particles
NT1 Heavy Neutral Muons
NT1 Tau Neutrinos
NT1 Tau Particles

HEAVY LIQUID BUBBLE CHAMBERS [01]
BT1 Bubble Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

HEAVY NEUTRAL MUONS
DA August 1979
UF *Muons, Heavy Neutral*
BT1 Heavy Leptons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Postulated Particles
BT3 Elementary Particles
RT Muons

***HEAVY NUCLEI [01]**
(For nuclei from mass 181 upwards; for specific terms, consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

HEAVY WATER [01]
UF *Deuterium Oxides*
UF *Heavy Water Coolant*
UF *Heavy Water Moderator*
UF+ *DTO*
UF+ *HDO*
UF+ *HTO*
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Coolants
RT Deuterium Compounds
RT Dual Temperature Process
RT Moderators
RT Tritium Compounds

Heavy Water Components Test Reactor
USE HWCTR Reactor

Heavy Water Coolant
USE Heavy Water

HEAVY WATER COOLED REACTORS [01]
BT1 Reactors
NT1 ALRR Reactor
NT1 AQUILON Reactor
NT1 BHWR Type Reactors
NT2 HBWR Reactor
NT2 Marviken Reactor
NT1 BR-3-VN Reactor
NT1 Celestin Reactor
NT1 CP-3M Reactor
NT1 CP-3 Reactor
NT1 CP-5 Reactor
NT1 Daphne Reactor
NT1 DCA Reactor
NT1 Dido Reactor
NT1 Diorit Reactor
NT1 DMTR Reactor
NT1 DR-3 Reactor
NT1 EL-1 Reactor
NT1 EL-3 Reactor
NT1 EOLE Reactor
NT1 ESSOR Reactor
NT1 FR-2 Reactor
NT1 FRJ-2 Reactor
NT1 Grenoble Reactor
NT1 GTRR Reactor
NT1 HFBR Reactor
NT1 HIFAR Reactor
NT1 HWCTR Reactor
NT1 IRR-2 Reactor
NT1 Ispra-1 Reactor
NT1 JEEP-1 Reactor
NT1 JEEP-2 Reactor
NT1 JRR-2 Reactor
NT1 JRR-3 Reactor
NT1 MITR Reactor
NT1 NBSR Reactor
NT1 Nora Reactor
NT1 NRU Reactor
NT1 NRX Reactor
NT1 PDP Reactor
NT1 Pelinduna Reactor
NT1 PHWR Type Reactors
NT2 Agesta Reactor
NT2 Atucha Reactor
NT2 Bruce-1 Reactor
NT2 Bruce-2 Reactor
NT2 Bruce-3 Reactor
NT2 Bruce-4 Reactor
NT2 Bruce-5 Reactor
NT2 Bruce-6 Reactor
NT2 Bruce-7 Reactor
NT2 Bruce-8 Reactor
NT2 Cordoba Reactor
NT2 CVTR Reactor
NT2 Douglas Point Ontario Reactor
NT2 Gentilly-2 Reactor
NT2 Kalpakkam-1 Reactor
NT2 Kalpakkam-2 Reactor

NT2 KANUPP Reactor
NT2 MZFR Reactor
NT2 Narora-1 Reactor
NT2 Narora-2 Reactor
NT2 NPD Reactor
NT2 Pickering-1 Reactor
NT2 Pickering-2 Reactor
NT2 Pickering-3 Reactor
NT2 Pickering-4 Reactor
NT2 Pickering-5 Reactor
NT2 Pickering-6 Reactor
NT2 Pickering-7 Reactor
NT2 Pickering-8 Reactor
NT2 Point Lepreau-1 Reactor
NT2 Rajasthan-1 Reactor
NT2 Rajasthan-2 Reactor
NT2 Wolsung-1 Reactor
NT1 Pluto Reactor
NT1 PRR Reactor
NT1 PRTR Reactor
NT1 PSE Reactor
NT1 R-A Reactor
NT1 R-1 Reactor
NT1 SPERT-2 Reactor
NT1 Taiwan Research Reactor
NT1 TR Reactor
NT1 Venus Reactor
NT1 ZED-2 Reactor

Heavy Water Moderated and Gas Cooled Reactors
USE HWGCR Type Reactors

Heavy Water Moderated and Water Cooled Reactor
USE HWLWR Type Reactors

HEAVY WATER MODERATED REACTORS [01]
BT1 Reactors
NT1 AHCF Reactor
NT1 ALRR Reactor
NT1 AQUILON Reactor
NT1 BHWR Type Reactors
NT2 HBWR Reactor
NT2 Marviken Reactor
NT1 BR-3-VN Reactor
NT1 Candu Type Reactors
NT2 Bruce-1 Reactor
NT2 Bruce-2 Reactor
NT2 Bruce-3 Reactor
NT2 Bruce-4 Reactor
NT2 Bruce-5 Reactor
NT2 Bruce-6 Reactor
NT2 Bruce-7 Reactor
NT2 Bruce-8 Reactor
NT2 Cordoba Reactor
NT2 Darlington-1 Reactor
NT2 Darlington-2 Reactor
NT2 Darlington-3 Reactor
NT2 Darlington-4 Reactor
NT2 Douglas Point Ontario Reactor
NT2 Gentilly-2 Reactor
NT2 KANUPP Reactor
NT2 NPD Reactor
NT2 Pickering-1 Reactor
NT2 Pickering-2 Reactor
NT2 Pickering-3 Reactor
NT2 Pickering-4 Reactor
NT2 Pickering-5 Reactor
NT2 Pickering-6 Reactor
NT2 Pickering-7 Reactor
NT2 Pickering-8 Reactor
NT2 Point Lepreau-1 Reactor
NT2 Rajasthan-1 Reactor
NT2 Rajasthan-2 Reactor
NT2 Wolsung-1 Reactor
NT1 Celestin Reactor
NT1 Cirus Reactor
NT1 CP-3M Reactor
NT1 CP-3 Reactor
NT1 CP-5 Reactor
NT1 Daphne Reactor
NT1 DCA Reactor
NT1 Dido Reactor
NT1 Dimple Reactor
NT1 Diorit Reactor
NT1 DMTR Reactor
NT1 DR-3 Reactor
NT1 ECO Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 EL-3 Reactor
NT1 EOLE Reactor
NT1 ESSOR Reactor
NT1 FR-2 Reactor
NT1 FRJ-2 Reactor
NT1 Grenoble Reactor
NT1 GTRR Reactor
NT1 Hazel Reactor
NT1 HFBR Reactor
NT1 HIFAR Reactor
NT1 HRE-2 Reactor
NT1 HWCTR Reactor
NT1 HWGCR Type Reactors
NT2 Bohunice A-1 Reactor
NT2 Bohunice A-2 Reactor
NT2 EL-4 Reactor
NT2 Lucens Reactor
NT2 Niederaichbach Reactor
NT1 HWLWR Type Reactors
NT2 Cirene Reactor
NT2 Gentilly Reactor
NT2 JATR Reactor
NT1 IRR-2 Reactor
NT1 Ispra-1 Reactor
NT1 JEEP-1 Reactor
NT1 JEEP-2 Reactor
NT1 JRR-2 Reactor
NT1 JRR-3 Reactor
NT1 Juno Reactor
NT1 K Reactor
NT1 MITR Reactor
NT1 NBSR Reactor
NT1 Nora Reactor
NT1 NRU Reactor
NT1 NRX Reactor
NT1 P Reactor
NT1 PDP Reactor
NT1 Pelinduna Reactor
NT1 PHWR Type Reactors
NT2 Agesta Reactor
NT2 Atucha Reactor
NT2 Bruce-1 Reactor
NT2 Bruce-2 Reactor
NT2 Bruce-3 Reactor
NT2 Bruce-4 Reactor
NT2 Bruce-5 Reactor
NT2 Bruce-6 Reactor
NT2 Bruce-7 Reactor
NT2 Bruce-8 Reactor
NT2 Cordoba Reactor
NT2 CVTR Reactor
NT2 Douglas Point Ontario Reactor
NT2 Gentilly-2 Reactor
NT2 Kalpakkam-1 Reactor
NT2 Kalpakkam-2 Reactor
NT2 KANUPP Reactor
NT2 MZFR Reactor
NT2 Narora-1 Reactor
NT2 Narora-2 Reactor
NT2 NPD Reactor
NT2 Pickering-1 Reactor
NT2 Pickering-2 Reactor
NT2 Pickering-3 Reactor
NT2 Pickering-4 Reactor
NT2 Pickering-5 Reactor
NT2 Pickering-6 Reactor
NT2 Pickering-7 Reactor
NT2 Pickering-8 Reactor
NT2 Point Lepreau-1 Reactor
NT2 Rajasthan-1 Reactor
NT2 Rajasthan-2 Reactor
NT2 Wolsung-1 Reactor
NT1 Pluto Reactor
NT1 PRR Reactor
NT1 PRTR Reactor
NT1 PSE Reactor
NT1 R-A Reactor
NT1 R-B Reactor
NT1 R Reactor
NT1 R-0 Reactor
NT1 R-1 Reactor
NT1 RB-3 Reactor
NT1 RTR Reactor
NT1 SGHWR Reactor
NT1 SPERT-2 Reactor
NT1 Taiwan Research Reactor
NT1 TR Reactor
NT1 TR-0 Reactor
NT1 Trombay R-5 Reactor
NT1 Venus Reactor
NT1 WR-1 Reactor
NT1 ZED-2 Reactor
NT1 ZEEP Reactor
NT1 Zerlina Reactor

Heavy Water Moderator
USE Heavy Water

HEAVY WATER PLANTS [01]
DA February 1978
BT1 Isotope Separation Plants
BT2 Industrial Plants
BT2 Nuclear Facilities
DEF Plants for the production and/or upgrading of heavy water.

HEBER GEOTHERMAL FIELD
DA October 1975
BT1 Geothermal Fields
RT California

HECTOR REACTOR [01]
UF *Hot Enriched Carbon Moderated Thermal Oscillator Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Hectorite
USE Montmorillonite

HEDDUR [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Copper Alloys
BT2 Alloys

HEDENBERGITE
DA January 1976
BT1 Pyroxenes
BT2 Minerals
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
DEF A black mineral of the clinopyroxene group $CaFeSi_2O_6$.

HEDTA [01]
UF *Hydroxyethylethylenediaminetriacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

HEIDA [01]
UF *Hydroxyethyliminodiacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids

BT4 Organic Compounds

HEIGHT [01]
(For elevation use LEVELS.)
BT1 Dimensions
NT1 Scale Height
NT1 Virtual Height
RT Altitude
RT Levels

HEINRICHITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Barium Oxides
BT2 Barium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

HEISENBERG MODEL [01]
BT1 Crystal Models
BT2 Mathematical Models
RT Electronic Structure
RT Ferromagnetism
RT PHI4-Field Theory
RT Spin

HEISENBERG PICTURE [01]
UF *Heisenberg Representation*
RT Quantum Field Theory
RT Quantum Mechanics
RT Schroedinger Picture

Heisenberg Principle
USE Uncertainty Principle

Heisenberg Representation
USE Heisenberg Picture

Heissdampfreaktoranlage
USE HDR Reactor

HEITLER-LONDON THEORY [01]
RT Binding Energy
RT Heitler-London Waves

HEITLER-LONDON WAVES [01]
RT Heitler-London Theory

HELA CELLS [01]
RT Clone Cells
RT In Vitro
RT Tumor Cells

HELAC
DA January 1975
BT1 Linear Accelerators
BT2 Accelerators

Helianthus Annuus
USE Sunflowers

HELICAL CONFIGURATION [01]
BT1 Configuration
RT DNA
RT Magnetic Field Configurations
RT Molecular Structure

HELICAL INSTABILITY [01]
UF *Screw Instability*
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability

HELICAL ROTARY SCREW EXPANDER
DA June 1977
RT Rotary Engines
RT Turbines

HELICAL WAVEGUIDES [01]
BT1 Waveguides

HELICITY [01]
BT1 Particle Properties
RT Angular Momentum
RT Chirality
RT Spin

HELICON RESONANCE [01]
BT1 Resonance
RT Superconductivity

HELICON WAVES [01]
BT1 Electromagnetic Radiation
BT2 Radiations

HELIOS DEVICES [01]
BT1 Q Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

HELIOS FACILITY
DA July 1979
RT Carbon Dioxide Lasers
RT Laser Fusion Reactors
DEF A 10 kJ, 8-beam, CO_2 laser facility at Los Alamos for laser fusion experiments.

HELIOSTATS
DA January 1976
RT Control Systems
RT Solar Tracking

Heliothis
USE Bollworm

HELIOTRON [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices

HELIUM [01]
BT1 Cryogenic Fluids
BT2 Fluids
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements

HELIUM 3 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
NT1 Helium 3 A
NT1 Helium 3 A1
NT1 Helium 3 B
RT Helium 3 Beams
RT Quantum Fluids

HELIUM 4 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
NT1 Helium I
NT1 Helium II
RT Helium 4 Beams
RT Lambda Point
RT Quantum Fluids

HELIUM 5 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HELIUM 6 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HELIUM 7 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HELIUM 8 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei

HELIUM 9 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei

HELIUM 10 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Helium Isotopes
BT1 Light Nuclei
BT2 Nuclei

HELIUM 3 A [01]
DA August 1975
BT1 Helium 3
BT2 Even-Odd Nuclei
BT3 Nuclei
BT2 Helium Isotopes
BT2 Light Nuclei
BT3 Nuclei
BT2 Stable Isotopes
BT3 Isotopes
RT Superfluidity
DEF A phase of helium 3 superfluidity.

HELIUM 3 A1
DA June 1977
BT1 Helium 3
BT2 Even-Odd Nuclei
BT3 Nuclei
BT2 Helium Isotopes
BT2 Light Nuclei
BT3 Nuclei
BT2 Stable Isotopes
BT3 Isotopes
RT Superfluidity
DEF Phase of Helium 3 superfluidity.

HELIUM 3 B [01]
DA August 1975
BT1. Helium 3
BT2 Even-Odd Nuclei
BT3 Nuclei
BT2 Helium Isotopes
BT2 Light Nuclei
BT3 Nuclei
BT2 Stable Isotopes

BT3 Isotopes
RT Superfluidity
DEF A phase of helium 3 superfluidity.

HELIUM 3 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Helium 3

HELIUM 4 BEAMS [01]
BT1 Ion Beams
BT2 Beams
NT1 Alpha Beams
RT Helium 4

HELIUM BURNING [01]
(Astrophysical processes only)
DA October 1978
BT1 Star Burning
RT Dwarf Stars
RT Nucleosynthesis
RT Red Giant Stars
RT Star Evolution

HELIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Helium Compounds
BT2 Rare Gas Compounds

HELIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Helium Compounds
BT2 Rare Gas Compounds

HELIUM COMPLEXES [01]
BT1 Complexes

HELIUM COMPOUNDS [01]
BT1 Rare Gas Compounds
NT1 Helium Carbides
NT1 Helium Chlorides
NT1 Helium Fluorides
NT1 Helium Hydrides
NT1 Helium Hydroxides
NT1 Helium Nitrides
NT1 Helium Oxides
NT1 Helium Tritides

HELIUM COOLED REACTORS [01]
DA May 1975
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 AVR Reactor
NT1 Dragon Reactor
NT1 EBOR Reactor
NT1 EGCR Reactor
NT1 Fulton-1 Reactor
NT1 Fulton-2 Reactor
NT1 GCFR Reactor
NT1 GCRE Reactor
NT1 IEA-ZPR Reactor
NT1 Peach Bottom-1 Reactor
NT1 Schmehausen-2 Reactor
NT1 Summit-1 Reactor
NT1 Summit-2 Reactor
NT1 THTR-300 Reactor
NT1 UHTREX Reactor
NT1 VHTR Reactor
NT1 Vidal-1 Reactor
NT1 Vidal-2 Reactor
NT1 Vrain Reactor
RT HTGR Type Reactors

HELIUM DILUTION REFRIGERATION [01]
BT1 Refrigeration
BT2 Cooling
RT Cryogenics
RT Refrigerators

HELIUM DILUTION REFRIGERATORS
DA February 1975
BT1 Refrigerating Machinery
RT Cryogenics
RT Cryostats

HELIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Helium Compounds
BT2 Rare Gas Compounds

HELIUM HYDRIDES [01]
BT1 Helium Compounds
BT2 Rare Gas Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

HELIUM HYDROXIDES [01]
BT1 Helium Compounds
BT2 Rare Gas Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

HELIUM I [01]
BT1 Helium 4
BT2 Even-Even Nuclei
BT3 Nuclei
BT2 Helium Isotopes
BT2 Light Nuclei
BT3 Nuclei
BT2 Stable Isotopes
BT3 Isotopes

HELIUM II [01]
BT1 Helium 4
BT2 Even-Even Nuclei
BT3 Nuclei
BT2 Helium Isotopes
BT2 Light Nuclei
BT3 Nuclei
BT2 Stable Isotopes
BT3 Isotopes
BT1 Quantum Fluids
BT2 Fluids
RT Film Flow
RT Landau Liquid Helium Theory
RT Superfluidity

HELIUM IONS [01]
RT Alpha Particles
RT Atomic Ions
RT Molecular Ions

HELIUM ISOTOPES [01]
NT1 Helium 3
NT2 Helium 3 A
NT2 Helium 3 A1
NT2 Helium 3 B
NT1 Helium 4
NT2 Helium I
NT2 Helium II
NT1 Helium 5
NT1 Helium 6
NT1 Helium 7
NT1 Helium 8
NT1 Helium 9
NT1 Helium 10

Helium Method
USE Isotope Dating

HELIUM-NEON LASERS [01]
DA June 1976
BT1 Gas Lasers
BT2 Lasers

HELIUM NITRIDES [01]
BT1 Helium Compounds
BT2 Rare Gas Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

HELIUM OXIDES [01]
BT1 Helium Compounds
BT2 Rare Gas Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

HELIUM 3 REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions

Helium 4 Reactions
DA June 1975
USE Alpha Reactions

HELIUM 3 TARGET [01]
DA July 1976
BT1 Targets

HELIUM 4 TARGET [01]
DA July 1976
BT1 Targets

HELIUM 6 TARGET
DA May 1977
BT1 Targets

HELIUM TRITIDES [01]
DA June 1975
BT1 Helium Compounds
BT2 Rare Gas Compounds
BT1 Tritium Compounds
BT2 Labelled Compounds

Helmholtz Free Energy
USE Free Energy

HELMHOLTZ INSTABILITY [01]
UF *Kelvin-Helmholtz Instability*
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability
RT Fluid Flow

HELMHOLTZ THEOREM [01]
RT Vectors

HELMINTHS [01]
BT1 Parasites
NT1 Ascaris
NT1 Cestodes
NT2 Hymenolepis
NT1 Trematodes
NT2 Fasciola
NT2 Hymenolepis
NT2 Schistosoma
NT1 Trichinella
RT Nematodes

HELVITE [01]
BT1 Beryllium Silicates
BT2 Beryllium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Manganese Silicates
BT2 Manganese Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

Hemagglutination
USE Hemagglutinins

HEMAGGLUTININS [01]
UF *Hemagglutination*
BT1 Agglutinins
NT1 Phytohemagglutinin
RT Antibodies
RT Blood Groups
RT Erythrocytes

Hemangiomas
USE Angiomas

Hematin
USE Heme

HEMATITE [01]
BT1 Iron Ores
BT2 Ores

BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
RT Limonite
DEF A common iron mineral: α-Fe_2O_3.

HEMATOLOGY [01]
BT1 Medicine
RT Hemic Diseases

HEMATOMAS
DA June 1977
RT Blood Coagulation
RT Hemorrhage
RT Injuries

Hematopoiesis
USE Blood Formation

HEMATOPOIETIC SYSTEM [01]
BT1 Body
NT1 Bone Marrow
RT Blood Formation
RT Erythropoiesis

Hematoporphyrin (Heme)
USE Heme

HEMATOPORPHYRINS [01]
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Hemoglobin

HEMATOXYLIN [01]
BT1 Dyes
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Pyrans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

HEME [01]
UF *Hematin*
UF *Hematoporphyrin (Heme)*
UF *Hemin*
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Hemoglobin
RT Iron

HEMIC DISEASES [01]
UF *Blood Diseases*
BT1 Diseases
NT1 Anemias
NT2 Ischemia
NT2 Megaloblastic Anemia
NT2 Thalassemia
NT1 Leukemia
NT2 Myeloid Leukemia
NT1 Leukopenia
NT2 Lymphopenia
NT1 Malaria
NT1 Polycythemia
NT1 Purpura
RT Blood
RT Hematology
RT Hemolysis
RT Hemorrhage
RT Splenomegaly

HEMICELLULOSE
DA June 1978
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Xylans
RT Biomass
RT Cellulose
RT Lignin
RT Wood
DEF Group of complex carbohydrates (hexose and pentose sugars and sugar acids of uronic type) surrounding cellulose fibers of plant cells. No chemical relation to cellulose.

Hemin
USE Heme

HEMIPTERA [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
NT1 Aphids

HEMOCYANIN [01]
BT1 Proteins
BT2 Organic Compounds
RT Blood

HEMOGLOBIN [01]
BT1 Globin
BT2 Proteins
BT3 Organic Compounds
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Methemoglobin
RT Anemias
RT Carboxyhemoglobin
RT Erythrocytes
RT Hematoporphyrins
RT Heme
RT Hemosiderin
RT Iron
RT Protoporphyrins
RT Respiration

HEMOLYSINS [01]
RT Antibodies
RT Complement
RT Hemolysis

HEMOLYSIS [01]
BT1 Lysis
BT1 Pathological Changes
BT2 Diseases
RT Anemias
RT Erythrocytes
RT Hemic Diseases
RT Hemolysins
RT Immunity

Hemophilus
USE Haemophilus

Hemopoiesis
USE Blood Formation

HEMORRHAGE [01]
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
RT Anemias
RT Blood
RT Blood Coagulation
RT Blood Vessels
RT Hematomas
RT Hemic Diseases

HEMOSIDERIN [01]
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Blood
RT Ferritin
RT Hemoglobin
RT Iron

Hens
USE Chickens

HEPARIN [01]
BT1 Anticoagulants
BT2 Drugs
BT1 Mucopolysaccharides
BT2 Amines
BT3 Organic Compounds
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Mast Cells

HEPATECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Liver

HEPATITIS [01]
UF+ *Hepatitis (Infectious)*
BT1 Digestive System Diseases
BT2 Diseases
RT Jaundice
RT Liver

Hepatitis (Infectious)
USE Hepatitis
AND Infectious Diseases

HEPATOMAS [01]
BT1 Neoplasms
BT2 Diseases
RT Liver

HEPTANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

HEPTANOIC ACID [01]
UF *Enanthic Acid*
UF *Heptylic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

HEPTENES [01]
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

HEPTYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Heptylic Acid
USE Heptanoic Acid

HERALD REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors

BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HERBICIDES [01]
BT1 Pesticides

HERBS [01]
BT1 Plants
NT1 Coleus

HEREDITARY DISEASES [01]
BT1 Diseases
RT Genetics
RT Mutants
RT Mutations
RT Sister Chromatid Exchanges

Heredity
USE Genetics

HERMEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

HERMITE POLYNOMIALS [01]
BT1 Polynomials
BT2 Functions

HERMITIAN MATRIX [01]
BT1 Matrices

HERMITIAN OPERATORS [01]
BT1 Mathematical Operators

HERO REACTOR [01]
UF *Hot Experimental Reactor Zero Energy*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

HEROIN [01]
UF *Diacetylmorphine*
BT1 Alkaloids
BT2 Organic Compounds
BT1 Narcotics
BT2 Drugs

HERPES SIMPLEX [01]
BT1 Infectious Diseases
BT2 Diseases
BT1 Skin Diseases
BT2 Diseases
RT Viruses

HERPES ZOSTER [01]
BT1 Infectious Diseases
BT2 Diseases
RT Nerves
RT Viruses

HERTZSPRUNG-RUSSELL DIAGRAM [01]
BT1 Diagrams
RT Star Evolution

HESPERIDIN [01]
BT1 Flavones
BT2 Flavenoids
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds

HETEROCHROMATIN [01]
BT1 Chromatin
RT Chromosome Breakage

HETEROCHROMOSOMES [01]
UF *Sex Chromosomes*
UF *X Chromosome*
UF *Y Chromosome*
BT1 Chromosomes
RT Chromosomal Aberrations
RT Sex

HETEROCYCLIC ACIDS [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
NT1 Bilirubin
NT1 Biliverdin
NT1 Biotin
NT1 Diodrast
NT1 Histidine
NT1 Hydroxyproline
NT1 Kynurenic Acid
NT1 Lysergic Acid
NT1 Nicotinic Acid
NT1 Orotic Acid
NT1 Picolinic Acid
NT1 Porphyrins
NT2 Chlorophyll
NT2 Etioporphyrins
NT2 Hematoporphyrins
NT2 Heme
NT2 Hemoglobin
NT3 Methemoglobin
NT2 Hemosiderin
NT2 Myoglobin
NT2 Peroxidases
NT2 Protoporphyrins
NT1 Proline
NT1 Rhodamines
NT1 Stercobilin
NT1 Thioctic Acid
NT1 Tryptophan
NT1 Urobilinogen
NT1 Urocanic Acid
RT Nicotinamide

HETEROCYCLIC COMPOUNDS [01]
BT1 Organic Compounds
NT1 Azines
NT2 Phenothiazines
NT3 Chlorpromazine
NT3 Methylene Blue
NT2 Pyrazines
NT3 Neutral Red
NT3 Phenazine
NT3 Piperazines
NT2 Pyridazines
NT3 Phthalazines
NT2 Pyridines
NT3 Acridines
NT4 Acridine Orange
NT4 Acridones
NT4 Flavines
NT5 Acriflavine
NT5 Proflavine
NT3 Bipyridines
NT3 Diodrast
NT3 Nicotinamide
NT3 Nicotine
NT3 Nicotinic Acid
NT3 PAN
NT3 Phenatine
NT3 Picolines
NT4 Picolinic Acid
NT3 Piperidines
NT4 Pethidine
NT4 TAN
NT3 Pyridine
NT3 Pyridinium Compounds
NT3 Pyridoxal
NT3 Pyridoxine
NT3 Pyridoxylideneglutamate
NT3 Pyridylazoresorcinol
NT3 Quinolines
NT4 Ferron
NT4 Kynurenic Acid
NT4 Oxine
NT4 Quinaldine
NT2 Pyrimidines
NT3 Alloxan
NT3 Barbiturates
NT4 Amytal
NT4 Nembutal
NT4 Phenobarbital
NT4 Thiopental
NT3 Cytidine
NT3 Cytosine
NT3 Deoxycytidine
NT3 Murexide
NT3 Sulfadiazine
NT3 Thiamine
NT3 Thymidine
NT3 Uracils
NT4 Bromouracils
NT5 BUDR
NT4 Deoxyuridine
NT4 Fluorouracils
NT5 FUDR
NT4 Iodouracils
NT5 Iododeoxyuridine
NT4 Orotic Acid
NT4 Thiouracil
NT4 Thymine
NT4 Uridine
NT2 Triazines
NT3 Cyanurates
NT3 Melamine
NT1 Azoles
NT2 Carbazoles
NT2 Imidazoles
NT3 Allantoin
NT3 Benzimidazoles
NT3 Biotin
NT3 Creatinine
NT3 Histamine
NT3 Histidine
NT3 Metronidazole
NT3 Urocanic Acid
NT2 Oxadiazoles
NT2 Oxazoles
NT3 Benzoxazoles
NT3 Pemoline
NT3 POPOP
NT2 Pyrazoles
NT3 Indazoles
NT3 Pyrazolines
NT4 Antipyrine
NT2 Pyrroles
NT3 Bilirubin
NT3 Biliverdin
NT3 Indoles
NT4 Indocyanine Green
NT4 Lysergic Acid
NT4 Reserpine
NT4 Strychnine
NT4 Tryptamines
NT5 Bufotenine
NT5 Melatonin
NT5 Serotonin
NT6 Mexamine
NT4 Tryptophan
NT4 Vinblastine
NT3 Pyrrolidines
NT4 Hydroxyproline
NT4 Nicotine
NT4 Proline
NT3 Pyrrolidones
NT4 PVP
NT3 Stercobilin
NT3 Urobilinogen
NT2 Tetrazoles
NT3 Tetrazolium
NT2 Thiadiazoles
NT2 Thiazoles
NT3 Benzothiazoles
NT3 Saccharin
NT3 Thiamine

NT2 Triazoles
NT1 Dioxane
NT1 Furans
NT2 Benzofurans
NT2 Furfural
NT2 Furildioxime
NT2 MTHF
NT1 Guanethidine
*NT1 Heterocyclic Acids
NT1 Imipramine
NT1 Isoalloxazines
NT2 Diaphorases
NT1 Lactones
NT2 Coumarin
NT2 Gibberellic Acid
NT1 Morpholines
NT1 Phenanthrolines
NT2 Ferroin
NT2 Phenanthroline-Ortho
NT1 Phthalocyanines
NT1 Psoralen
NT1 Pteridines
NT2 Aminopterin
NT2 Folic Acid
NT1 Purines
NT2 Adenines
NT3 Kinetin
NT2 Guanine
NT2 Guanosine
NT2 Hypoxanthine
NT2 Inosine
NT2 Mercaptopurine
NT2 Xanthines
NT3 Caffeine
NT3 Theobromine
NT3 Theophylline
NT3 Uric Acid
NT1 Pyrans
NT2 Coumarin
NT2 Hematoxylin
NT2 Quercetin
NT2 Tetrahydropyran
NT1 Thionaphthenes
NT1 Thionine
NT1 Thiophene
NT1 Trioxanes
NT1 TTA
NT1 TTF-TCNQ
RT Cyanine Dyes
RT Epoxides
RT Lactams
RT Squarylium Dyes

HETEROCYCLIC OXYGEN COMPOUNDS
DA August 1978
BT1 Organic Oxygen Compounds
BT2 Organic Compounds

HETERODYNE RECEIVERS [01]
DA June 1975
UF *Superheterodyne Receivers*
BT1 Microwave Equipment
BT2 Electronic Equipment
BT1 Radio Equipment
BT2 Electronic Equipment
RT Frequency Converters
RT Radiometers

HETEROGENEOUS EFFECTS [01]
RT Absorption
RT Neutron Flux
RT Reactor Kinetics
RT Reservoir Rock
RT Shielding
DEF Effects of dissimilar constituents on neutron diffusion in shielding or reactor cores.

HETEROPOLY ACIDS
DA August 1979
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Heteropolyanions
DEF Complex acids of metals, whose specific gravity is >4, with phosphoric acid.

HETEROPOLYANIONS [01]
BT1 Anions
BT2 Ions
BT3 Charged Particles
BT1 Complexes
RT Heteropoly Acids
RT Tungstophosphoric Acid

Heterozygotes
USE Hybridization

HEULANDITE
DA January 1976
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A zeolite mineral: $Ca(Al_2Si_7O_{18}).6H_2O$,monoclinic.

HEUSLER ALLOYS [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys

HEVEA [01]
BT1 Plants

HEW-305 REACTOR [01]
UF *Hanford 305 Test Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Hewlett-Packard Computers
USE HP Computers

HEXADECANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

HEXADECANOIC ACID [01]
UF *Palmitic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

HEXADECAPOLES [01]
DA November 1977
BT1 Multipoles

Hexagonal Close Packed
USE Hcp Lattices

HEXAGONAL CONFIGURATION [01]
BT1 Configuration

HEXAGONAL LATTICES [01]
BT1 Crystal Lattices
BT2 Crystal Structure
NT1 Hcp Lattices

Hexahydropyridines
USE Piperidines

Hexamethylenediaminetetraacetic Acid
USE HMDTA

Hexamethylenetetramine
USE Urotropin

HEXANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

HEXANOIC ACID [01]
UF *Caproic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

HEXANOLS [01]
UF *Hexyl Alcohols*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

HEXAPOLAR CONFIGURATIONS [01]
BT1 Multipolar Configurations
BT2 Closed Configurations
BT3 Magnetic Field Configurations

HEXAPOLES [01]
BT1 Multipoles

HEXENES [01]
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

HEXOKINASE [01]
BT1 Phosphotransferases
BT2 Transferases
BT3 Enzymes

HEXOSAMINES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
NT1 Glucosamine

HEXOSES [01]
UF *Fucose*
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Cycasin
NT1 Fructose
NT1 Galactose
NT1 Glucose
NT1 Hexosamines
NT2 Glucosamine
NT1 Mannose
NT1 Sorbose

Hexyl Alcohols
USE Hexanols

HEXYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

HEYSHAM-A REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HEYSHAM-B REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

BT1 Thermal Reactors
BT2 Reactors

Hf Radiation
USE Short Wave Radiation

HFBR REACTOR [01]
UF *Brookhaven High Flux Beam Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HFIR REACTOR [01]
UF *High Flux Isotope Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

HFR REACTOR [01]
UF *High Flux Reactor Petten*
UF *Petten High Flux Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

HFS
USE Hyperfine Structure

HGI2 SEMICONDUCTOR DETECTORS [01]
DA January 1976
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments

HHIRF
DA July 1977
UF *Holifield Heavy Ion Research Facility*
BT1 Heavy Ion Accelerators
BT2 Accelerators
RT Heavy Ions
RT ORNL Isochronous Cyclotron

HIBERNATION [01]
RT Aestivation
RT Hypothermia
RT Sleep

HIDDEN VARIABLES
DA February 1975
RT Bell Theorem
RT Quantum Mechanics
DEF Unobservable variables, which together with the wave function, describe absolutely the state of a given system and thus, eliminates the indeterminacy of quantum mechanics.

HIFAR REACTOR [01]
UF *High Flux Australian Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HIGGS BOSONS [01]
DA November 1976
BT1 Intermediate Bosons
BT2 Bosons
BT2 Postulated Particles
BT3 Elementary Particles

HIGGS MODEL [01]
DA April 1976
BT1 Particle Models
BT2 Mathematical Models
RT Quantum Field Theory
RT SU-3 Groups
RT Vector Mesons
DEF The Higgs model is a gauge invariant model in which the scalar fields form an octet under SU(3). The model describes massive vector bosons.

High Altitude (Stratosphere)
USE Stratosphere

HIGH-BETA PLASMA [01]
(Beta from 0.1 to 1.)
BT1 Plasma
RT Beta Ratio

HIGH BTU GAS
(Over 900 Btu/ft^3.)
DA January 1975
UF *Pipeline Quality Gas*
UF *SNG*
UF *Synthetic Natural Gas*
BT1 Fuel Gas
BT2 Energy Sources
BT2 Gas Fuels
BT3 Fuels
BT2 Gases
BT3 Fluids
RT Carbon Dioxide Acceptor Process
RT CRG Processes
RT Gasynthan Process
RT Hygas Process
RT JGC Methane-Rich Gas Process
RT Kellogg Process
RT M-Gas Process
RT RMProcess
RT SNG Plants
RT SNG Processes

HIGH ENERGY PHYSICS [01]
(Use only for articles of a very broad nature such as an annual research program, etc.)
BT1 Physics
RT Nuclear Physics

High Energy Radiotherapy
USE Radiotherapy

High Explosives
USE Chemical Explosives

High Flux Australian Reactor
USE HIFAR Reactor

High Flux Isotope Reactor
USE HFIR Reactor

High Flux Neutron Source Facility
DA October 1977
USE Neutron Source Facilities

High Flux Reactor Petten
USE HFR Reactor

HIGH FREQUENCY AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

HIGH-FREQUENCY DISCHARGES [01]
DA June 1975
UF *Microwave Discharges*
BT1 Electric Discharges
RT High-Frequency Heating
RT Plasma Production

HIGH-FREQUENCY HEATING [01]
BT1 Plasma Heating
BT2 Heating
NT1 ECR Heating
NT1 ICR Heating
NT1 Magnetic-Pumping Heating
NT2 Acoustic Heating
NT2 Collisional Heating
NT2 Transit-Time Magnetic Pumping
RT High-Frequency Discharges

High Frequency Radiation
USE Short Wave Radiation

HIGH-HEAD HYDROELECTRIC POWER PLANTS
(Prior to August 1978 HYDROELECTRIC POWER PLANTS was used.)
DA August 1978
BT1 Hydroelectric Power Plants
BT2 Power Plants
DEF Heads greater than 500 ft.

HIGH INCOME GROUPS
DA October 1978
RT Income
RT Income Distribution
RT Low Income Groups
RT Socio-Economic Factors

HIGH-LEVEL RADIOACTIVE WASTES [01]
DA January 1978
BT1 Radioactive Wastes
BT2 Radioactive Materials
BT2 Wastes
RT Intermediate-Level Radioactive Wastes
RT Low-Level Radioactive Wastes
DEF Waste characterized by radioactivity of hundreds to thousands of curies per gallon or cubic meter, by dose rates in rads per hour, or by heat generation in range of kilowatts per cubic meter; spent fuel elements and liquid wastes from reprocessing.

High Power Water Boiler
USE HYPO Reactor

HIGH PRESSURE [01]
UF *Pressure (0100-1000 Atm)*
RT Pressure Dependence

High Pressure Coolant Injection
DA January 1975
USE HPCI

HIGH-PURITY GE DETECTORS [01]
DA January 1976

BT1 Ge Semiconductor Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

HIGH SPIN STATES [01]
BT1 Energy Levels
RT Backbending
RT Spin

HIGH TEMPERATURE [01]
UF *Temperature (0400-1000 K)*
RT Critical Heat Flux
RT Scaling
RT Temperature Dependence

HIGH-TEMPERATURE FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

High Temperature Gas Cooled and Graphite Moderated Reactors
USE HTGR Type Reactors

High Temperature Lattice Test Reactor
USE HTLTR Reactor

HIGH VACUUM [01]
UF *Vacuum (10(-3)-10(-8) Torr)*
RT Cryopumps
RT Gettering
RT Getters
RT Pressure Dependence
RT Turbomolecular Pumps
RT Vacuum Pumps

High Voltage Alternating Current Systems
DA May 1976
USE HVAC Systems

High Voltage Direct Current Systems
DA April 1975
USE HVDC Systems

HIGH-VOLTAGE PULSE GENERATORS [01]
BT1 Pulse Generators
BT2 Function Generators
BT3 Electronic Equipment

HIGHLAND URANIUM MILL [01] (Uranium ore processing facility.)
DA January 1975
BT1 Feed Materials Plants
BT2 Industrial Plants
BT2 Nuclear Facilities
RT Industry
RT Ore Processing
RT Uranium Ores

HIGHLY ENRICHED URANIUM [01] (80 - 100 per cent.)
BT1 Enriched Uranium
BT2 Isotope Enriched Materials
BT2 Uranium
BT3 Actinides
BT4 Metals
BT5 Elements

Highways
DA January 1975
USE Roads

HILACS [01]
UF *Heavy Ion Linear Accelerators*
BT1 Heavy Ion Accelerators
BT2 Accelerators
BT1 Linear Accelerators
BT2 Accelerators
NT1 SuperHilac
RT Heavy Ion Reactions
RT Heavy Ions

HILBERT SPACE [01]
BT1 Banach Space
BT2 Mathematical Space
BT3 Space

HILBERT TRANSFORMATION [01]
BT1 Integral Transformations
BT2 Transformations

HILL EQUATION [01]
BT1 Differential Equations
BT2 Equations

HILL-WHEELER THEORY [01]
RT Collective Model
RT Nuclear Models

HIMALAYAS [01]
DA November 1977
BT1 Mountains

HINKLEY POINT-A REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HINKLEY POINT-B REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HIPERCO [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys

HIPPURAN [01]
BT1 Contrast Media
RT Hippuric Acid

HIPPURIC ACID [01]
UF *Benzoylaminoacetic Acid*
UF *Benzoylglycine*
UF *Benzoylglycocoll*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glycine
RT Hippuran

HIPURE PROCESS
DA January 1975
RT Desulfurization
DEF Process for gas purification if H_2S must be removed to one ppM or less and CO_2 to only a few ppM.

HIROHAX PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing
DEF Wet oxidation of adsorbed sulfur compounds to sulfuric acid and ammonium sulfate.

HIROSHIMA [01]
BT1 Japan
BT2 Asia
RT A-Bomb Survivors
RT Nuclear Explosions
RT Nuclear Weapons

HISTAMINASE [01]
BT1 Oxidases
BT2 Oxidoreductases
BT3 Enzymes

HISTAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Allergy
RT Antihistaminics
RT Capillaries

HISTIDINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

HISTOLOGICAL TECHNIQUES [01]
DA December 1975
RT Histology
RT Microscopy
RT Stains
RT Tissues

HISTOLOGY [01]
RT Histological Techniques
RT Microscopy
RT Tissues

HISTONES [01]
BT1 Proteins
BT2 Organic Compounds

Hitachi Training Reactor
USE HTR Reactor

HITREX-1 REACTOR [01]
DA April 1977
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

HK 40
DA August 1979
USE Alloy-HK-40

HMDTA [01]
UF *Hexamethylenediaminetetraacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

HNPF REACTOR [01]
UF *Hallam Nuclear Power Facility*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors

BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HODGKINS DISEASE [01]
UF *Lymphogranuloma Malignum*
UF *Lymphogranulomatosis*
BT1 Lymphomas
BT2 Neoplasms
BT3 Diseases

HODOSCOPES [01]
RT Counting Techniques
RT Telescope Counters

HOELTER PROCESS
DA March 1977
RT Desulfurization
RT Waste Processing
DEF Reaction of flue gas SO_2, dissolved in scrub water, with milk of lime in the presence of chloride ion to prevent the precipitation of carbonate and promote the precipitation of $CaSO_3$ which is oxidized to $CaSO_4$.

Hog Fuel
DA April 1979
USE Wood Wastes

Hoger Onderwijs Reactor
USE HOR Reactor

HOISTING
DA May 1978
BT1 Materials Handling
RT Mine Haulage

HOISTS
DA January 1975
RT Cranes
RT Grabs
RT Materials Handling
RT Winches

HOKKAIDO-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors

HOKURIKU-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors

HOLE MOBILITY [01]
BT1 Mobility

HOLES [01]
(Absence of electrons from otherwise filled electron bands; see also BLACK HOLES, CAVITIES, OPENINGS, BORE HOLES, and VOIDS.)
UF *Electron Holes*
RT Charge Carriers
RT Electron-Hole Droplets
RT Point Defects
RT Quasi Particles
RT Trapping
RT Traps

Holifield Heavy Ion Research Facility
DA July 1977
USE HHIRF

HOLLOW CATHODES [01]
BT1 Cathodes
BT2 Electrodes

HOLLOW FUEL RODS [01]
BT1 Fuel Rods
BT2 Fuel Elements
BT3 Reactor Components

HOLLY EVENT [01]
DA March 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Surface Explosions
BT2 Explosions

HOLMES-STRETFORD PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of sulfur compounds from fuel gas manufactured from coal.

HOLMIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

HOLMIUM 148
DA April 1979
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HOLMIUM 149 [01]
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 150 [01]
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 151 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HOLMIUM 152 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 153 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 154 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 155 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 156 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 157 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 158 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 159 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 160 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 161 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 162 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 163 [01]
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HOLMIUM 164 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 165 [01]
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

HOLMIUM 166 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HOLMIUM 167 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 168 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 169 [01]
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

HOLMIUM 170 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Holmium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

HOLMIUM ADDITIONS [01]
BT1 Holmium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

HOLMIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Holmium Additions
NT1 Holmium Base Alloys

HOLMIUM BASE ALLOYS [01]
BT1 Holmium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

HOLMIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Holmium Compounds
BT2 Rare Earth Compounds

HOLMIUM BROMIDES [01]
DA April 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds

BT1 Holmium Compounds
BT2 Rare Earth Compounds

HOLMIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Holmium Compounds
BT2 Rare Earth Compounds

HOLMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Holmium Compounds
BT2 Rare Earth Compounds

HOLMIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

HOLMIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Holmium Borides
NT1 Holmium Bromides
NT1 Holmium Carbides
NT1 Holmium Chlorides
NT1 Holmium Fluorides
NT1 Holmium Hydrides
NT1 Holmium Hydroxides
NT1 Holmium Iodides
NT1 Holmium Nitrates
NT1 Holmium Nitrides
NT1 Holmium Oxides
NT1 Holmium Perchlorates
NT1 Holmium Phosphates
NT1 Holmium Phosphides
NT1 Holmium Selenides
NT1 Holmium Silicides
NT1 Holmium Sulfates
NT1 Holmium Sulfides
NT1 Holmium Tellurides

HOLMIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Holmium Compounds
BT2 Rare Earth Compounds

HOLMIUM HYDRIDES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Hydrides
BT2 Hydrogen Compounds

HOLMIUM HYDROXIDES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds

HOLMIUM IODIDES [01]
DA January 1975
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

HOLMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

HOLMIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Holmium 148
NT1 Holmium 149
NT1 Holmium 150
NT1 Holmium 151
NT1 Holmium 152
NT1 Holmium 153
NT1 Holmium 154
NT1 Holmium 155
NT1 Holmium 156
NT1 Holmium 157
NT1 Holmium 158
NT1 Holmium 159
NT1 Holmium 160
NT1 Holmium 161
NT1 Holmium 162
NT1 Holmium 163
NT1 Holmium 164
NT1 Holmium 165
NT1 Holmium 166
NT1 Holmium 167
NT1 Holmium 168
NT1 Holmium 169
NT1 Holmium 170

HOLMIUM NITRATES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

HOLMIUM NITRIDES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

HOLMIUM OXIDES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

HOLMIUM PERCHLORATES
DA October 1975
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

HOLMIUM PHOSPHATES [01]
DA October 1975
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

HOLMIUM PHOSPHIDES [01]
DA April 1977
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

HOLMIUM SELENIDES
DA December 1977
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

HOLMIUM SILICIDES [01]
DA December 1975
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

HOLMIUM SULFATES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

HOLMIUM SULFIDES [01]
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

HOLMIUM 165 TARGET [01]
DA July 1976
BT1 Targets

HOLMIUM TELLURIDES
DA May 1978
BT1 Holmium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Holocene Epoch
DA October 1977
USE Quaternary Period

HOLOGRAPHY [01]
RT Photography

HOLTSMARK THEORY [01]
RT Plasma

HOLZHEIMER PROCESS
DA May 1975
RT Oil Shales
DEF Process for the underground gasification of oil shale, making use of the total energy content of the shale. Waste heat is utilized in special steam generators and distillation columns.

HOMALITE
DA March 1979
BT1 Polyesters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Araldite
DEF Brittle polyester used in photoelastic analysis of crack propagation in PWR pressure vessels under LOCA conditions.

HOME RANGE
DA May 1976
RT Animals
RT Ecology
RT Wild Animals
DEF The area to which the activities of an animal are confined.

HOMEOSTASIS [01]
RT Biological Recovery
RT Blood
RT Blood-Brain Barrier
RT Endocrine Glands
RT Hormones
RT Hypothalamus
RT Physiology
RT Pituitary Gland

HOMOCYSTEINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Cysteine

HOMOCYSTINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Cystine

HOMOGENATES [01]
RT Animal Cells
RT Biological Materials
RT In Vitro
RT Organs
RT Tissues

Homogeneous Assembly Zero Energy
USE Hazel Reactor

HOMOGENEOUS MIXTURES [01]
BT1 Mixtures
BT2 Dispersions
RT Solutions

HOMOGENEOUS PLASMA [01]
BT1 Plasma

Homogeneous Reactor Experiment 1
USE HRE-1 Reactor

Homogeneous Reactor Experiment 2
USE HRE-2 Reactor

HOMOGENEOUS REACTORS [01]
BT1 Reactors
NT1 Fuel Dispersion Reactors
NT2 Fluidized Bed Reactors
NT2 Slurry Reactors
NT1 Gas Fueled Reactors
NT2 Coaxial Flow Reactors
NT2 Light Bulb Reactors
NT2 Plasma Core Assembly
NT1 Liquid Homogeneous Reactors
*NT2 Aqueous Homogeneous Reactors
NT1 Solid Homogeneous Reactors
NT2 ACPR Reactor
NT2 Aerojet-General Nucleonics Reactors
NT3 AGN-201 Reactor Series
NT4 AGN-201M-105 Reactor
NT4 AGN-201M-112 Reactor
NT4 AGN-201P-103 Reactor
NT4 AGN-201P-111 Reactor
NT4 AGN-201-100 Reactor
NT4 AGN-201-101 Reactor
NT4 AGN-201-102 Reactor
NT4 AGN-201-104 Reactor
NT4 AGN-201-106 Reactor
NT4 AGN-201-107 Reactor
NT4 AGN-201-108 Reactor
NT4 AGN-201-109 Reactor
NT4 AGN-201-110 Reactor
NT4 AGN-201-113 Reactor
NT4 AGN-201-114 Reactor
NT3 AGN-211 Reactor Series
NT4 AGN-211P-100 Reactor
NT4 AGN-211-101 Reactor
NT4 AGN-211-102 Reactor
NT4 AGN-211-103 Reactor
NT3 AGNIR Reactor
NT2 ANEX Reactor
NT2 EBOR Reactor
NT2 NSRR Reactor
NT2 Pebble Bed Reactors
NT3 AVR Reactor
NT3 THTR-300 Reactor
NT2 Romashka Reactor
NT2 SHCA Reactor
NT2 SUR-100 Series Reactor
NT2 TREAT Reactor
*NT2 TRIGA Type Reactors
NT2 Utah University Reactor

HONDURAS [01]
BT1 Central America
BT2 Latin America

HONEY [01]
DA September 1975
BT1 Food

HONEYCOMB STRUCTURES
DA January 1976
BT1 Mechanical Structures
RT Composite Materials
RT Solar Collectors

HONEYWELL COMPUTERS [01]
BT1 Computers

HONG KONG [01]
BT1 Asia

HONING [01]
BT1 Machining
RT Grinding

HOOKE LAW [01]
RT Elasticity
RT Poisson Ratio

HOOKWORM [01]
DA June 1975
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
RT Infectious Diseases
RT Parasites

HOPE CREEK-1 REACTOR [01]
(Prior to November 1973 known as Newbold Island-1 Reactor, and older material is so indexed.)
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HOPE CREEK-2 REACTOR [01]
(Prior to November 1973 known as Newbold Island-2 Reactor, and older material is so indexed.)
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HOPPERS
DA March 1977
UF *Bunkers*
BT1 Containers

HOR REACTOR [01]
UF *Delft Hoger Onderwijs Reactor*
UF *Hoger Onderwijs Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

HORACE REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Hordeum
USE Barley

Horizontal Concentration
DA April 1979
USE Horizontal Integration

Horizontal Diversification
DA April 1979
USE Horizontal Integration

HORIZONTAL DIVESTITURE
DA September 1977
RT Petroleum Industry
RT Regulations

HORIZONTAL INTEGRATION
DA April 1979
UF *Horizontal Concentration*
UF *Horizontal Diversification*
RT Commerce
RT Competition
RT Industry
RT Petroleum Industry

HORMONES [01]
NT1 Lactogens
NT2 HPL
NT1 Peptide Hormones
NT2 Calcitonin
NT2 Gastrin
NT2 Glucagon
NT2 Insulin
NT2 Parathormone
NT2 Pituitary Hormones
NT3 ACTH
NT3 Gonadotropins
NT4 FSH
NT4 HCG
NT4 LH
NT4 LTH
NT3 LH-RH
NT3 Oxytocin
NT3 STH
NT3 TSH
NT3 Vasopressin
NT2 Thyroid Hormones
NT3 Thyrocalcitonin
NT3 Thyroxine
NT3 Triiodothyronine
NT2 Thyronine
NT2 TRH
NT1 Secretin
NT1 Steroid Hormones
NT2 Adrenal Hormones
NT3 Adrenaline
NT3 Corticosteroids
NT4 Glucocorticoids
NT5 Corticosterone
NT5 Cortisone
NT5 Dexamethasone
NT5 Hydrocortisone
NT5 Prednisolone
NT5 Prednisone
NT4 Mineralocorticoids
NT5 Aldosterone
NT5 DOCA
NT3 Noradrenaline
NT2 Androgens
NT3 Androstenedione
NT3 Androsterone
NT3 Dianabol
NT3 Hydroxyandrostenone
NT3 Testosterone
NT2 Estrogens
NT3 Estradiol
NT3 Estriol
NT3 Estrone
NT2 Progesterone
RT Biochemistry
RT Endocrine Diseases
RT Endocrine Glands
RT Erythropoietin
RT Homeostasis
RT Intrinsic Factor
RT Physiology
RT Prostaglandins
RT Receptors
RT Steroids
RT Stimulation

HORNBLENDE [01]
BT1 Amphibole
BT2 Minerals

HORSES [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals

HOSE INSTABILITY [01]
DA May 1975

UF *Firehose Instability*
UF *Gardenhose Instability*
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability

HOSES
DA January 1976
RT Pipes
RT Tubes

HOSKINS 875
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys

HOSPITALS [01]
BT1 Buildings
BT1 Medical Centers
RT Health Services
RT Medicine
RT Public Buildings

HOST [01]
RT Graft-Host Reaction
RT Transplants

HOST-CELL REACTIVATION [01]
BT1 Biological Repair
BT2 Biological Recovery
BT3 Recovery
BT2 Repair
RT Bacteria
RT Bacteriophages
RT Chemical Radiation Effects
RT DNA
RT Radiation Injuries

HOT ATOM CHEMISTRY [01]
UF *Recoil Chemistry*
BT1 Radiochemistry
BT2 Chemistry
NT1 Szilard-Chalmers Reaction
RT Nuclear Reactions
RT Recoils
RT Retention
RT Scavenging
RT Valence
DEF Chemical reactions of atoms or ions of high kinetic energies (more than 1 eV) resulting from nuclear transformations.

HOT CELLS [01]
BT1 Laboratory Equipment
RT Gloveboxes
RT Hot Labs
RT Manipulators
RT Periscopes
RT Radiation Protection
RT Remote Handling
RT Remote Handling Equipment
RT Remote Viewing Equipment
RT Shielding
DEF Shielded chambers for remote handling of radioactive materials.

HOT CHANNEL [01]
RT Fuel Channels
RT Hot Channel Factor
RT Reactor Cooling Systems

HOT CHANNEL FACTOR [01]
RT Hot Channel
RT Reactor Safety

HOT DIPPING [01]
BT1 Dip Coating
BT2 Surface Coating
BT3 Deposition

HOT-DRY-ROCK SYSTEMS
DA January 1975
UF *Impermeable Dry Rock*
BT1 Geothermal Systems

Hot Enriched Carbon Moderated Thermal Oscillator Reactor
USE Hector Reactor

Hot Experimental Reactor Zero Energy
USE Hero Reactor

HOT GAS CLEANUP
DA April 1978
BT1 Purification
RT Desulfurization
RT Electrostatic Precipitators
RT Filtration

HOT LABS [01]
UF *Radiochemical Laboratories*
RT Hot Cells
RT Laboratory Equipment
RT Manipulators
RT Periscopes
RT Radiation Hazards
RT Radiation Protection
RT Radioactivity
RT Remote Handling

HOT PLASMA [01]
BT1 Plasma

HOT PRESSING [01]
BT1 Pressing
BT2 Materials Working
BT3 Fabrication
RT Hot Working

HOT SPOT FACTOR [01]
RT Hot Spots
RT Reactor Safety

HOT SPOTS [01]
RT Burnout
RT Dryout
RT Fuel Cans
RT Heat Transfer
RT Hot Spot Factor
RT Reactor Cooling Systems
RT Rewetting
RT Volcanoes

Hot Spots (Biological)
USE Biological Hot Spots

HOT SPRINGS
DA January 1975
BT1 Thermal Springs
RT Hydrothermal Systems
RT Mineral Springs
RT Thermal Waters

HOT WATER
DA October 1978
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT District Heating

HOT-WATER PROCESSES
DA January 1975
BT1 Fluid Injection Processes
RT Oil Sands
RT Oil Shales
DEF A process used primarily in processing of oil (tar) sands to separate tar from sand.

HOT-WATER SYSTEMS
DA January 1975
SF *Liquid-Dominated Hydrothermal Convective Systems*
BT1 Hydrothermal Systems
BT2 Geothermal Systems
RT Broadlands Geothermal Field
RT Cerro Prieto Geothermal Field
RT Kawerau Geothermal Field
RT Otake Geothermal Field
RT Pathe Geothermal Field
RT Pauzhetsk Geothermal Field
RT Wairakei Geothermal Field
DEF Hydrothermal convective systems characterized by liquid water as the continuous, pressure-controlling fluid phase.

HOT WIRE ANEMOMETERS [01]
BT1 Anemometers
BT2 Measuring Instruments

HOT-WIRE GAGES [01]
BT1 Pressure Gages
BT2 Measuring Instruments
NT1 Pirani Gages

HOT WORKING [01]
BT1 Materials Working
BT2 Fabrication
RT Extrusion
RT Forging
RT Hot Pressing
RT Rolling

Hough-Powell Devices
USE Flying Spot Digitizers

***HOURS LIVING RADIOISOTOPES [01]**
(For specific terms, consult the appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Lifetime

HOUSES
DA January 1975
UF *Residences*
BT1 Residential Buildings
BT2 Buildings
RT Mobile Homes

Hovercraft
DA August 1977
USE Air Cushion Vehicles

HP COMPUTERS [01]
UF *Hewlett-Packard Computers*
BT1 Computers

HPCI
DA January 1975
UF *High Pressure Coolant Injection*
BT1 ECCS
BT2 Engineered Safety Systems
BT2 Reactor Protection Systems
RT Reactor Safety

HPD Devices
USE Flying Spot Digitizers

HPL [01]
UF *Human Placental Lactogen*
BT1 Lactogens
BT2 Hormones
RT Placenta
RT Pregnancy
RT STH

HPRR REACTOR [01]
UF *Health Physics Research Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

HRE-1 REACTOR [01]
UF *Homogeneous Reactor Experiment 1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors

BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

HRE-2 REACTOR [01]
UF *Homogeneous Reactor Experiment 2*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

HSK PROCEDURE [01]
UF *Hylleraas-Scherr-Knight Procedure*
BT1 Perturbation Theory
BT1 Variational Methods
RT Electronic Structure
RT Quantum Mechanics

HTGR Peach Bottom Reactor
USE Peach Bottom-1 Reactor

HTGR TYPE REACTORS [01]
UF *High Temperature Gas Cooled and Graphite Moderated Reactors*
BT1 Gas Cooled Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
NT1 AVR Reactor
NT1 Dragon Reactor
NT1 Fulton-1 Reactor
NT1 Fulton-2 Reactor
NT1 GA Standard Reactor
NT1 Kahter Reactor
NT1 Peach Bottom-1 Reactor
NT1 Schmehausen-2 Reactor
NT1 Summit-1 Reactor
NT1 Summit-2 Reactor
NT1 THTR-300 Reactor
NT1 VHTR Reactor
NT1 Vidal-1 Reactor
NT1 Vidal-2 Reactor
NT1 Vrain Reactor
RT Helium Cooled Reactors
RT Power Reactors

HTLTR REACTOR [01]
UF *High Temperature Lattice Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Nitrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

HTO
USE Heavy Water
AND Tritium Compounds

HTR REACTOR [01]
UF *Hitachi Training Reactor*
UF *Japan Htr*
UF *Kawasaki-Hitachi Training Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

HUBBLE EFFECT [01]
UF *Hubble-Humason Shift*
RT Cosmology
RT Expansion
RT Red Shift
RT Universe

Hubble-Humason Shift
USE Hubble Effect

HUDSON RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT New Jersey
RT New York

Huff and Puff Process
DA June 1976
USE Fluid Injection Processes

Hugenholtz-Pines Theory
USE Hydrogen
AND Van Hove-Hugenholtz Theory

HULTHEN POTENTIAL [01]
DA June 1975
BT1 Nuclear Potential
BT2 Potentials

Human Cells
USE Animal Cells

Human Chorionic Gonadotropin
USE HCG

Human Placental Lactogen
USE HPL

HUMAN POPULATIONS [01]
UF+ *Nuclear Controversy*
BT1 Populations
NT1 American Indians
NT1 Eskimos
NT1 Lapps
NT1 Rural Populations
NT1 Urban Populations
RT Anthropology
RT Boom Towns
RT Civil Defense
RT Communities
RT CUEX
RT Elderly People
RT Epidemiology
RT Health Services
RT ICRP Critical Group
RT Man
RT Occupants
RT Patients
RT Personnel
RT Population Relocation
RT Regional Analysis
RT Sociology

HUMBOLDT BAY [01]
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters
RT California

HUMBOLDT BAY REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HUMECA URANIUM MILL [01]
DA August 1976
BT1 Nuclear Facilities
RT Uranium Ores

HUMIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
RT Fulvic Acids
RT Humus
RT Soils

HUMIDIFIERS
DA June 1977
BT1 Electric Appliances
BT2 Appliances
RT Dehumidification
RT Dehumidifiers
RT Humidity Control

HUMIDISTATS [01]
BT1 Control Equipment
BT2 Equipment
RT Humidity Control

HUMIDITY [01]
SF *Water Content*
RT Dew Point
RT Hygrometry
RT Moisture

HUMIDITY CONTROL [01]
BT1 Control
RT Air Conditioning
RT Humidifiers
RT Humidistats

HUMUS [01]
RT Forest Litter
RT Fulvic Acids
RT Humic Acids
RT Soils

Hungarian Paks-1 Reactor
USE PAKS-1 Reactor

Hungarian Paks-2 Reactor
USE PAKS-2 Reactor

Hungarian WWR-C Reactor
USE WWR-S-Budapest Reactor

HUNGARY [01]
BT1 Europe
RT Danube River

HUNTERSTON-A REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors

BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HUNTERSTON-B REACTOR [01]
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HURRICANES [01]
BT1 Storms
BT2 Disasters
RT Water Waves
RT Weather
RT Wind

HURWITZ EFFECT [01]
UF *Bethe-Hurwitz Effect*
RT Nuclear Models

HUSHED ECHO EVENT
DA December 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

HUSKY ACE EVENT
DA September 1975
BT1 Nuclear Explosions
BT2 Explosions

Husky Pup Event
DA June 1977
USE Anvil Project

HUTCH EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions
RT Radioisotopes

Hutchinson Island-1 Reactor
USE Lucie-1 Reactor

Hutchinson Island-2 Reactor
USE Lucie-2 Reactor

HUTTONITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

HUYGENS PRINCIPLE [01]
RT Wave Propagation

HVAC SYSTEMS
(69 to 230 kV.)
DA May 1976
UF *High Voltage Alternating Current Systems*
BT1 AC Systems
BT2 Power Systems

HVDC SYSTEMS
(69 to 230 kV.)
DA April 1975
UF *High Voltage Direct Current Systems*
BT1 DC Systems
BT2 Power Systems

HWCTR REACTOR [01]
UF *Heavy Water Components Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

HWGCR TYPE REACTORS [01]
UF *Heavy Water Moderated and Gas Cooled Reactors*
BT1 Gas Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
NT1 Bohunice A-1 Reactor
NT1 Bohunice A-2 Reactor
NT1 EL-4 Reactor
NT1 Lucens Reactor
NT1 Niederaichbach Reactor
RT Power Reactors

HWLWR TYPE REACTORS [01]
UF *Heavy Water Moderated and Water Cooled Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
NT1 Cirene Reactor
NT1 Gentilly Reactor
NT1 JATR Reactor
RT Power Reactors

HYALURONIC ACID [01]
BT1 Mucopolysaccharides
BT2 Amines
BT3 Organic Compounds
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Glucuronic Acid
RT Hyaluronidase

HYALURONIDASE [01]
BT1 Lyases
BT2 Enzymes
RT Hyaluronic Acid

HYBRID COMPUTERS [01]
BT1 Computers

HYBRID ELECTRIC-POWERED VEHICLES
DA January 1975
BT1 Electric-Powered Vehicles
BT2 Vehicles
RT Electric Batteries
RT Hybrid Systems

HYBRID REACTORS [01]
RT Hybrid Systems
RT Reactors
RT Thermonuclear Reactors
DEF Devices in which controlled self-sustaining fission-fusion processes take place.

HYBRID RESONANCE [01]
BT1 Resonance

HYBRID SYSTEMS
DA April 1975
RT Hybrid Electric-Powered Vehicles
RT Hybrid Reactors
RT Power Transmission
RT Thermonuclear Reactors

HYBRIDIZATION [01]
UF *Heterozygotes*
UF *Hybrids*
UF *Mixing (Genetic)*
RT Electronic Structure
RT Genetics
RT Wave Functions

Hybrids
USE Hybridization

HYDATIDOSIS [01]
DA May 1975
BT1 Infectious Diseases
BT2 Diseases
RT Cestodes
RT Parasites

HYDRA [01]
BT1 Cnidaria
BT2 Invertebrates
BT3 Animals

HYDRANE PROCESS
DA February 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 SNG Processes
DEF Production of pipeline gas from coal by direct conversion with H to give CH_4. 1000 psi H flows upward through free-falling pulverized coal at 725°. CO_2,H_2S, and dust are removed from product.

Hydratation
USE Hydration

Hydrated Electrons
USE Hydration
AND Solvated Electrons

HYDRATES [01]
(For chemical compounds or minerals.)
NT1 Gas Hydrates
NT1 Strelkinite
NT1 UNH
RT Water

HYDRATION [01]
(Addition of water; for addition of hydrogen use HYDROGENATION.)
UF *Hydratation*
UF+ *Hydrated Electrons*
BT1 Solvation

HYDRAULIC ACCUMULATORS
DA August 1979
BT1 Mechanical Energy Storage Equipment
RT Energy Storage
RT Hydraulic Equipment
RT Hydraulics
DEF A device that stores potential energy by accumulating a quantity of pressurized hydraulic fluid in a pressure vessel.

HYDRAULIC CONTROL DEVICES [01]
BT1 Control Equipment
BT2 Equipment
RT Hydraulics
RT Remote Control

HYDRAULIC EQUIPMENT
DA January 1977
BT1 Equipment
RT Hydraulic Accumulators
RT Natural Gas Wells
RT Petroleum
RT Well Completion
RT Well Drilling

HYDRAULIC FRACTURING [01]
DA January 1975
BT1 Fracturing
BT2 Comminution
RT Fractures
RT Well Stimulation

HYDRAULIC MINING
DA May 1977

BT1 Mining
RT Auger Mining
RT Longwall Mining

Hydraulic Rams
DA January 1977
USE Pumps

HYDRAULIC TRANSPORT
DA August 1976
BT1 Transport
RT Hydraulics
RT Materials Handling
RT Pipelines
RT Slurry Pipelines

HYDRAULIC TURBINES
DA November 1976
BT1 Turbines
BT2 Turbomachinery
RT Hydraulics
RT Turbogenerators
DEF A machine that converts to the energy of an elevated water supply into mechanical energy.

HYDRAULICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
RT Flow Rate
RT Fluid Flow
RT Hydraulic Accumulators
RT Hydraulic Control Devices
RT Hydraulic Transport
RT Hydraulic Turbines
RT Hydrodynamics
RT Penstocks
RT Pneumatics
RT Water Hammer

HYDRAZIDES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Iproniazid
NT1 Isoniazid
RT Hydrazine
RT Organic Acids

HYDRAZINE [01]
BT1 Nitrogen Compounds
RT DPPH
RT Hydrazides
RT Hydrazones
RT SDPPH

HYDRAZINE FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

HYDRAZOIC ACID (HN_3 or Azoimide.)
DA April 1977
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Azides

HYDRAZONES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
RT Aldehydes
RT Hydrazine
RT Ketones

HYDRIDATION [01]
BT1 Chemical Reactions
RT Dehydridation
RT Hydrides
RT Hydrogen

HYDRIDE MODERATED REACTORS [01]
BT1 Reactors
NT1 ACPR Reactor
NT1 ANEX Reactor
NT1 NSRR Reactor
NT1 STIR Reactor
NT1 SZR Type Reactors
NT2 KNK Reactor
NT2 KNK-2 Reactor
NT1 Topaz Reactor
*NT1 TRIGA Type Reactors
NT1 XMA-1 Reactor
RT Hydride Moderators

HYDRIDE MODERATORS [01]
BT1 Moderators
RT Hydride Moderated Reactors
RT Hydrides
RT SZR Type Reactors
RT Topaz Reactor
RT Zirconium Hydrides

HYDRIDES [01]
BT1 Hydrogen Compounds
NT1 Aluminium Hydrides
NT1 Americium Hydrides
NT1 Antimony Hydrides
NT1 Argon Hydrides
NT1 Arsenic Hydrides
NT1 Barium Hydrides
NT1 Berkelium Hydrides
NT1 Beryllium Hydrides
NT1 Bismuth Hydrides
NT1 Boron Hydrides
NT1 Calcium Hydrides
NT1 Cerium Hydrides
NT1 Cesium Hydrides
NT1 Chromium Hydrides
NT1 Cobalt Hydrides
NT1 Copper Hydrides
NT1 Dysprosium Hydrides
NT1 Erbium Hydrides
NT1 Europium Hydrides
NT1 Gadolinium Hydrides
NT1 Germanium Hydrides
NT1 Gold Hydrides
NT1 Hafnium Hydrides
NT1 Helium Hydrides
NT1 Holmium Hydrides
NT1 Indium Hydrides
NT1 Iridium Hydrides
NT1 Iron Hydrides
NT1 Krypton Hydrides
NT1 Lanthanum Hydrides
NT1 Lithium Hydrides
NT2 Lithium Deuterides
NT2 Lithium Tritides
NT1 Lutetium Hydrides
NT1 Magnesium Hydrides
NT1 Manganese Hydrides
NT1 Molybdenum Hydrides
NT1 Neodymium Hydrides
NT1 Neon Hydrides
NT1 Neptunium Hydrides
NT1 Nickel Hydrides
NT1 Niobium Hydrides
NT1 Nitrogen Hydrides
NT2 Ammonia
NT1 Palladium Hydrides
NT1 Phosphorus Hydrides
NT1 Platinum Hydrides
NT1 Plutonium Hydrides
NT1 Potassium Hydrides
NT1 Praseodymium Hydrides
NT1 Rhenium Hydrides
NT1 Rhodium Hydrides
NT1 Rubidium Hydrides
NT1 Ruthenium Hydrides
NT1 Samarium Hydrides
NT1 Scandium Hydrides
NT1 Selenium Hydrides
NT1 Silanes
NT1 Silver Hydrides
NT1 Sodium Hydrides
NT1 Strontium Hydrides
NT1 Tantalum Hydrides
NT1 Tellurium Hydrides
NT1 Terbium Hydrides
NT1 Thorium Hydrides
NT1 Thulium Hydrides
NT1 Tin Hydrides
NT1 Titanium Hydrides
NT1 Tungsten Hydrides
NT1 Uranium Hydrides
NT1 Vanadium Hydrides
NT1 Xenon Hydrides
NT1 Ytterbium Hydrides
NT1 Yttrium Hydrides
NT1 Zinc Hydrides
NT1 Zirconium Hydrides
RT Hydridation
RT Hydride Moderators
RT Hydrogen Additions
RT Hydrogen Storage

HYDRIODIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds
BT1 Iodine Compounds
BT2 Halogen Compounds
RT Iodides

HYDROBROMIC ACID [01]
UF *Hydrogen Bromides*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Bromides

HYDROCARBON FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

Hydrocarbon Logging
DA March 1979
USE Gas Meters
AND Well Logging

HYDROCARBONS [01]
BT1 Organic Compounds
NT1 Acenaphthene
NT1 Alkanes
NT2 Butane
NT2 Cycloalkanes
NT3 Adamantane
NT3 Condensed Cycloalkanes
NT3 Cyclohexane
NT3 Decalin
NT3 Quadricyclene
NT2 Decane
NT2 2-2-Dimethylpropane
NT2 Dodecane
NT2 Ethane
NT2 Heptane
NT2 Hexadecane
NT2 Hexane
NT2 Methane
NT2 2-Methylpropane
NT2 Octane
NT2 Paraffin
NT2 Pentane
NT2 Propane
NT2 Squalane
NT1 Alkenes
NT2 Butenes
NT2 Cycloalkenes
NT3 Camphene
NT3 Cyclopentadiene
NT3 Norbornadiene
NT2 Ethylene
NT2 Heptenes
NT2 Hexenes
NT2 2-Methylpropene
NT2 Octenes
NT2 Pentenes
NT2 Propylene
NT1 Alkynes
NT2 Acetylene
NT2 Propyne
NT1 Anthracene
NT1 Azulene
NT1 Benzanthracene
NT1 Benzene
NT1 Benzopyrene
NT1 Biphenyl
NT1 Carotenoids
NT1 Chrysene
NT1 Cumene
NT1 Cymene
NT1 Durene
NT1 Fluorene
NT1 Indan
NT1 Indene
NT1 Mesitylene
NT1 Naphthalene

NT1 Oligophenylenes
NT1 Phenanthrene
NT1 Polycyclic Aromatic Hydrocarbons
NT2 3-Methylcholanthrene
NT1 Polyenes
NT2 Dienes
NT3 Allene
NT3 Butadiene
NT3 Cyclopentadiene
NT3 Ferrocene
NT3 Isoprene
NT3 Pentadienes
NT2 Squalene
NT1 Polyphenyls
NT2 Santowax
NT2 Terphenyls
NT3 Terphenyl-Meta
NT3 Terphenyl-Ortho
NT3 Terphenyl-Para
NT1 Pyrene
NT1 Quaterphenyls
NT1 Stilbene
NT1 Styrene
NT1 Tetracene
NT1 Tetralin
NT1 Tolan
NT1 Toluene
NT1 Triphenylene
NT1 Violanthrone
NT1 Xylenes
NT2 Xylene-Para
RT AMSCO
RT Aromatics
RT Bromoform
RT Fischer-Tropsch Synthesis
RT Fluidized Bed Hydrogenation Process
RT Freons
RT Oils
RT Partial Oxidation Processes
RT Petroleum
RT Refrigerants
RT Shell Gasification Process
RT Turpentine

Hydrocephalus
USE Malformations

HYDROCHLORIC ACID [01]
UF *Hydrogen Chlorides*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Aqua Regia
RT Chlorides

HYDROCORTISONE [01]
UF *Cortisol*
BT1 Glucocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

HYDROCRACKING
DA February 1975
BT1 Cracking
BT2 Pyrolysis
BT3 Decomposition
BT4 Chemical Reactions
BT3 Thermochemical Processes
RT Catalytic Cracking
RT Thermal Cracking
RT Zinc Halide Process

HYDROCYANIC ACID [01]
UF *Hydrogen Cyanides*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Cyanides

Hydrocyclones
DA July 1978
USE Cyclone Separators

HYDRODYNAMIC MASS EFFECT [01]
DA August 1976
UF *Added Mass Effect*
UF *Virtual Mass Effect*
RT Damping
RT Eigenfrequency
RT Hydrodynamics
RT Mechanical Vibrations
DEF A virtual increase of the mass of solids when vibrating in fluids

HYDRODYNAMIC MODEL [01]
DA January 1975
BT1 Thermodynamic Model
BT2 Particle Models
BT3 Mathematical Models
BT2 Statistical Models
BT3 Mathematical Models
RT Production Mechanisms
DEF A model for particle production in high-energy collisions that applies relativistic hydrodynamics to the coalesced hadronic matter.

HYDRODYNAMICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
NT1 Electrohydrodynamics
NT1 Magnetohydrodynamics
RT Fluid Flow
RT Flute Instability
RT Hydraulics
RT Hydrodynamic Mass Effect
RT Liquid Flow
RT Rayleigh-Taylor Instability
RT Working Fluids

HYDROELECTRIC POWER [01]
UF *Hydroelectricity*
BT1 Electric Power
BT2 Power
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Hydroelectric Power Plants
RT Pumped Storage Power Plants

HYDROELECTRIC POWER PLANTS [01]
BT1 Power Plants
NT1 High-Head Hydroelectric Power Plants
NT1 Low-Head Hydroelectric Power Plants
NT1 Medium-Head Hydroelectric Power Plants
NT1 Pumped Storage Power Plants
RT Dams
RT Hydroelectric Power
RT Peaking Power Plants
RT Penstocks
RT Pumped Storage
RT Spillway
RT Turbines

Hydroelectricity
USE Hydroelectric Power

HYDROFLUORIC ACID [01]
UF *Hydrogen Fluorides*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Fluorides

HYDROGEN [01]
UF+ *Hugenholtz-Pines Theory*
BT1 Cryogenic Fluids
BT2 Fluids
BT1 Nonmetals
BT2 Elements
RT Balmer Lines
RT Dehydridation
RT H1 Regions
RT Hydridation
RT Hydrogen-Based Economy
RT Hydrogen Fuels
RT Hydrogen Meters
RT Hydrogen Production
RT Hydrogen Storage
RT Lyman Lines

HYDROGEN 1 [01]
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Hydrogen Deuteride

Hydrogen 2
USE Deuterium

Hydrogen 3
USE Tritium

HYDROGEN 4 [01]
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

HYDROGEN 5 [01]
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

HYDROGEN 6 [01]
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

HYDROGEN 7 [01]
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

HYDROGEN ADDITIONS [01]
RT Hydrides

HYDROGEN-BASED ECONOMY
DA January 1975
RT Hydrogen
RT Hydrogen Storage
RT Industry
DEF Energy industry based on hydrogen for energy storage, distribution, and utilization.

Hydrogen Bromides
USE Hydrobromic Acid

Hydrogen Chlorides
USE Hydrochloric Acid

HYDROGEN COMPLEXES [01]
BT1 Complexes

HYDROGEN COMPOUNDS [01]
NT1 Borohydrides
NT2 Uranium Borohydrides
NT1 Deuterium Compounds
NT2 Deuterides
NT3 Hydrogen Deuteride
NT3 Lithium Deuterides
NT2 Deuterium Tritides
*NT1 Hydrides
NT1 Hydrogen Peroxide
NT1 Hydrogen Sulfides
*NT1 Hydroxides
*NT1 Inorganic Acids
*NT1 Water

HYDROGEN COOLED REACTORS [01]
DA May 1975
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 Kiwi-A-Prime Reactor
NT1 Kiwi-A Reactor
NT1 Kiwi-A3 Reactor
NT1 Kiwi-B1A Reactor

NT1 Kiwi-B2A Reactor
NT1 Kiwi-B4A Reactor
NT1 Kiwi-B1B Reactor
NT1 Kiwi-B4D Reactor
NT1 Kiwi-B4E Reactor
NT1 Kiwi-TNT Reactor
NT1 NERVA Reactor
NT1 NRX-A4-Est Reactor
NT1 NRX-A2 Reactor
NT1 NRX-A3 Reactor
NT1 NRX-A5 Reactor
NT1 NRX-A6 Reactor
NT1 Pewee-1 Reactor
NT1 Pewee-2 Reactor
NT1 Pewee-3 Reactor
NT1 Pewee-4 Reactor
NT1 Phoebus-1A Reactor
NT1 Phoebus-2A Reactor
NT1 Phoebus-1B Reactor
NT1 XE-Prime Reactor
RT NRX-A7 Reactor
RT Space Propulsion Reactors
RT XE-2 Reactor

Hydrogen Cyanides
DA August 1975
USE Hydrocyanic Acid

HYDROGEN DEUTERIDE [01]
UF *Deuterium Hydride*
BT1 Deuterides
BT2 Deuterium Compounds
BT3 Hydrogen Compounds
RT Deuterium
RT Hydrogen 1

Hydrogen Donor Reactions
DA October 1978
USE Hydrogen Transfer

Hydrogen Fluorides
USE Hydrofluoric Acid

HYDROGEN FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

HYDROGEN FUELS
DA March 1975
BT1 Synthetic Fuels
BT2 Fuels
RT Automotive Fuels
RT Aviation Fuels
RT Hydrogen
RT Jet Engine Fuels
RT Propellants
RT Slush

HYDROGEN GENERATORS
(For continuous production of small quantities of hydrogen.)
DA January 1975
RT Hydrogen Production
DEF For continuous production of small quantities of hydrogen.

Hydrogen Hydroxides
USE Water

HYDROGEN IONS [01]
BT1 Ions
BT2 Charged Particles
NT1 Hydrogen Ions 1 Minus
NT1 Hydrogen Ions 1 Plus
NT1 Hydrogen Ions 2 Plus
NT1 Hydrogen Ions 3 Plus
RT Atomic Ions
RT Molecular Ions

HYDROGEN IONS 1 MINUS [01]
(For H_1^- Ions.)
BT1 Anions
BT2 Ions
BT3 Charged Particles
BT1 Hydrogen Ions
BT2 Ions
BT3 Charged Particles

HYDROGEN IONS 1 PLUS [01]
(For H_1^+ Ions.)
BT1 Cations
BT2 Ions
BT3 Charged Particles
BT1 Hydrogen Ions
BT2 Ions
BT3 Charged Particles
RT H2 Regions
RT Oxonium Ions
RT Protons

HYDROGEN IONS 2 PLUS [01]
(For H_2^+ Ions.)
BT1 Cations
BT2 Ions
BT3 Charged Particles
BT1 Hydrogen Ions
BT2 Ions
BT3 Charged Particles
BT1 Molecular Ions
BT2 Ions
BT3 Charged Particles

HYDROGEN IONS 3 PLUS [01]
(For H_3^+ Ions.)
BT1 Cations
BT2 Ions
BT3 Charged Particles
BT1 Hydrogen Ions
BT2 Ions
BT3 Charged Particles
BT1 Molecular Ions
BT2 Ions
BT3 Charged Particles

HYDROGEN ISOTOPES [01]
NT1 Deuterium
NT1 Hydrogen 1
NT1 Hydrogen 4
NT1 Hydrogen 5
NT1 Hydrogen 6
NT1 Hydrogen 7
NT1 Tritium

Hydrogen Logs
DA March 1979
SEE Neutron-Gamma Logging
OR Neutron Logging
OR Neutron-Neutron Logging

HYDROGEN METERS [01]
DA January 1975
BT1 Measuring Instruments
RT Chemical Analysis
RT Hydrogen

HYDROGEN 1 MINUS BEAMS [01]
DA October 1978
UF *Hydrogen Minus 1 Beams*
BT1 Ion Beams
BT2 Beams

Hydrogen Minus 1 Beams
DA March 1979
USE Hydrogen 1 Minus Beams

Hydrogen Nitrates
USE Nitric Acid

HYDROGEN PEROXIDE [01]
BT1 Hydrogen Compounds
BT1 Peroxides
BT2 Oxygen Compounds

Hydrogen Phosphates
USE Phosphoric Acid

HYDROGEN PRODUCTION
DA January 1975
RT Biophotolysis
RT Bosch Process
RT Hydrogen
RT Hydrogen Generators
RT Partial Oxidation Processes
RT Photoelectrolysis
RT Photoelectrolytic Cells
RT Reformer Processes
RT Steam-Iron Process
RT Steam Reformer Processes
RT Thermochemical Processes
RT Water Gas Processes

Hydrogen Silicates
USE Silicic Acid

HYDROGEN STORAGE
DA January 1975
BT1 Storage
RT Chemisorption
RT Cryogenics
RT Energy Storage
RT Hydrides
RT Hydrogen
RT Hydrogen-Based Economy
RT Tanks

Hydrogen Sulfates
USE Sulfuric Acid

HYDROGEN SULFIDES [01]
UF *Sulfur Hydrides*
BT1 Hydrogen Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
RT Sour Crudes

HYDROGEN 1 TARGET [01]
DA July 1976
BT1 Targets

HYDROGEN TRANSFER
DA October 1978
UF *Hydrogen Donor Reactions*
RT Charge Exchange
RT Chemical Reactions
RT Isotopic Exchange
RT Photochemical Reactions

HYDROGEN TRITIDE [01]
DA February 1976
BT1 Tritium Compounds
BT2 Labelled Compounds

HYDROGENASE [01]
BT1 Oxidoreductases
BT2 Enzymes

HYDROGENATION [01]
BT1 Chemical Reactions
RT Clean Coke Process
RT CS-SR Process
RT Dehydrogenation
RT Deuteration
RT Fischer-Tropsch Synthesis
RT Flash Hydropyrolysis Process
RT Stone and Webster Gasification Process
RT Zinc Halide Process

HYDROLASES [01]
BT1 Enzymes
NT1 Arginase
NT1 Cellulases
NT1 Esterases
NT2 Cholinesterase
NT2 Lipases
NT2 Phosphatases
NT3 Acid Phosphatase
NT3 Alkaline Phosphatase
NT3 ATP-ASE
NT3 DNA-ASE
NT3 Nucleotidases
NT1 Glycosyl Hydrolases
NT2 Amylase
NT2 Galactosidase
NT2 Glucuronidase
NT2 Lysozyme
NT1 Peptide Hydrolases
NT2 Carboxypeptidase
NT2 Cathepsins
NT2 Chymotrypsin
NT2 Fibrinolysin
NT2 Kallikrein
NT2 Papain
NT2 Pepsin
NT2 Renin
NT2 Streptokinase
NT2 Thrombin
NT2 Trypsin
NT2 Urokinase
NT1 Urease
NT1 Xylanases

HYDROLOGY [01]
RT Floods

RT Ground Water
RT Lakes
RT Rivers
RT Surface Waters

HYDROLYSIS [01]
BT1 Lysis
BT1 Solvolysis
BT2 Decomposition
BT3 Chemical Reactions
NT1 Acid Hydrolysis
NT1 Enzymatic Hydrolysis
NT1 Saponification
RT Esters

HYDROMAGNETIC WAVES [01]
UF *Magnetohydrodynamic Waves*
NT1 Alfven Waves
NT1 Magnetoacoustic Waves
NT2 Fast Magnetoacoustic Waves
RT Magnetoacoustics
RT Plasma Waves
RT Shock Waves

HYDROMETALLURGY [01]
BT1 Extractive Metallurgy
BT2 Metallurgy
RT Leaching
RT Precipitation
RT Solvent Extraction

Hydronium Ions
DA August 1977
USE Oxonium Ions

HYDRONIUM RADICALS [01]
BT1 Radicals
RT Water

HYDROPEROXY RADICALS [01] (HO2)
BT1 Radicals

HYDROPHYLIC POLYMERS
DA January 1975
BT1 Gels
BT2 Colloids
BT3 Dispersions
BT1 Polymers
RT Shielding Materials
RT Water

HYDROPONIC CULTURE
DA May 1976
RT Agriculture
RT Crops
RT Cultivation Techniques
RT Greenhouses
RT Plant Growth
DEF Growing of plants in a nutrient solution with the mechanical support of an inert medium such as sand.

HYDROSPHERE [01]
RT Aquatic Ecosystems
RT Atmospheric Precipitations
RT Environment
RT Glaciers
RT Limnology
RT Surface Waters
RT Water

HYDROSTATIC BEARINGS [01]
DA October 1978
BT1 Bearings
RT Liquids
RT Lubrication

HYDROSTATICS [01]
RT Fluid Mechanics

HYDROTHERMAL ALTERATION
DA January 1975
RT Hydrothermal Stage
RT Rock-Fluid Interactions
DEF Alteration of rocks or minerals by the reaction of hydrothermal water with preexisting solid phases.

Hydrothermal Convective Systems
DA March 1976
USE Hydrothermal Systems

HYDROTHERMAL STAGE [01]
RT Hydrothermal Alteration
RT Metamorphism
DEF That stage in the cooling of a magma containing volatiles during which the residual fluid is strongly enriched in water and other volatiles.

HYDROTHERMAL SYNTHESIS
DA December 1975
BT1 Synthesis
DEF Mineral synthesis in presence of water at elevated temperature.

HYDROTHERMAL SYSTEMS
DA January 1975
UF *Hydrothermal Convective Systems*
BT1 Geothermal Systems
NT1 Hot-Water Systems
NT1 Vapor-Dominated Systems
RT Fumaroles
RT Geothermal Fluids
RT Geysers
RT Hot Springs
RT Thermal Springs
RT Thermal Waters
DEF Geothermal system where most of the heat is transferred by the convective circulation of water or steam.

HYDROTHORITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

HYDROTORTING PROCESS
DA June 1975
RT Oil Shales
RT Retorting
DEF Finely crushed oil shale is retorted under high pressure in presence of hydrogen; process developed by Texaco.

HYDROXAMIC ACIDS [01]
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
NT1 Benzohydroxamic Acid
RT Organic Acids

HYDROXIDE MODERATORS [01]
BT1 Moderators
RT Hydroxides

HYDROXIDES [01]
UF *Alkalis*
UF+ *Hydroxyl Ions*
BT1 Hydrogen Compounds
BT1 Oxygen Compounds
NT1 Actinium Hydroxides
NT1 Aluminium Hydroxides
NT2 Gibbsite
NT2 Nordstrandite
NT1 Americium Hydroxides
NT1 Ammonium Hydroxides
NT1 Antimony Hydroxides
NT1 Barium Hydroxides
NT1 Berkelium Hydroxides
NT1 Beryllium Hydroxides
NT1 Bismuth Hydroxides
NT1 Boron Hydroxides
NT1 Cadmium Hydroxides
NT1 Calcium Hydroxides
NT1 Cerium Hydroxides
NT1 Cesium Hydroxides
NT1 Chromium Hydroxides
NT1 Cobalt Hydroxides
NT1 Copper Hydroxides
NT1 Curium Hydroxides
NT1 Dawsonite
NT1 Dysprosium Hydroxides
NT1 Einsteinium Hydroxides
NT1 Erbium Hydroxides
NT1 Europium Hydroxides
NT1 Gadolinium Hydroxides
NT1 Gallium Hydroxides
NT1 Germanium Hydroxides
NT1 Hafnium Hydroxides
NT1 Helium Hydroxides
NT1 Holmium Hydroxides
NT1 Indium Hydroxides
NT1 Iron Hydroxides
NT1 Lanthanum Hydroxides
NT1 Lead Hydroxides
NT1 Lithium Hydroxides
NT1 Lutetium Hydroxides
NT1 Magnesium Hydroxides
NT1 Manganese Hydroxides
NT1 Molybdenum Hydroxides
NT1 Neodymium Hydroxides
NT1 Neptunium Hydroxides
NT1 Nickel Hydroxides
NT1 Niobium Hydroxides
NT1 Palladium Hydroxides
NT1 Platinum Hydroxides
NT1 Plutonium Hydroxides
NT1 Polonium Hydroxides
NT1 Potassium Hydroxides
NT1 Praseodymium Hydroxides
NT1 Promethium Hydroxides
NT1 Protactinium Hydroxides
NT1 Rhenium Hydroxides
NT1 Rhodium Hydroxides
NT1 Rubidium Hydroxides
NT1 Ruthenium Hydroxides
NT1 Samarium Hydroxides
NT1 Scandium Hydroxides
NT1 Selenium Hydroxides
NT1 Silicon Hydroxides
NT1 Silver Hydroxides
NT1 Sodium Hydroxides
NT1 Strontium Hydroxides
NT1 Tantalum Hydroxides
NT1 Tellurium Hydroxides
NT1 Terbium Hydroxides
NT1 Thallium Hydroxides
NT1 Thorium Hydroxides
NT1 Thulium Hydroxides
NT1 Tin Hydroxides
NT1 Titanium Hydroxides
NT1 Tungsten Hydroxides
NT1 Uranium Hydroxides
NT1 Vanadium Hydroxides
NT1 Xenon Hydroxides
NT1 Ytterbium Hydroxides
NT1 Yttrium Hydroxides
NT1 Zinc Hydroxides
NT1 Zirconium Hydroxides
RT Bases
RT Hydroxide Moderators
RT Hydroxyl Radicals
RT Hydroxylation

HYDROXY ACIDS [01] (For CARBOXYLIC ACIDS only.)
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
NT1 Acetylsalicylic Acid
NT1 Aluminon
NT1 Benzilic Acid
NT1 Carnitine
NT1 Citric Acid
NT1 Diiodotyrosine
NT1 Dopa
NT1 EDDHA
NT1 Eosin
NT1 Fluorescein
NT2 Erythrosine
NT1 Galacturonic Acid
NT1 Gallic Acid
NT1 Gibberellic Acid
NT1 Gluconic Acid
NT1 Glucuronic Acid
NT1 Glyceric Acid

NT1 Glycolic Acid
NT1 HEDTA
NT1 HEIDA
NT1 Hydroxyproline
NT1 Hydroxytryptophan
NT1 Lactic Acid
NT1 Malic Acid
NT1 Mandelic Acid
NT1 Melilotic Acid
NT1 Mevalonic Acid
NT1 Pantothenic Acid
NT1 Podophyllic Acid
NT1 Rose Bengal
NT1 Salicylic Acid
NT1 Serine
NT1 Shikimic Acid
NT1 Tartaric Acid
NT1 Threonine
NT1 Thyronine
NT1 Trihydroxyglutaric Acid
NT1 Tyrosine
RT Hydroxy Compounds
RT Lactones

Hydroxy-alpha-Alanine-beta
USE Serine

HYDROXY COMPOUNDS [01]
(For organic compounds only and excluding SACCHARIDES, GLYCOSIDES and HYDROXY ACIDS.)
BT1 Organic Compounds
NT1 Alcohols
NT2 Batyl Alcohol
NT2 Benzhydrol
NT2 Butanols
NT2 Choline
NT2 Cyclohexanol
NT2 Decanols
NT2 Enols
NT2 Erythritol
NT2 Ethanol
NT2 Geraniol
NT2 Glycerol
NT2 Glycols
NT3 Benzopinacol
NT3 2-3-butanediol
NT3 Carbitols
NT3 Cellosolves
NT3 EGTA
NT3 Pinacol
NT2 Hexanols
NT2 Methanol
NT2 2-Methylpropanol
NT2 Metronidazole
NT2 Octanols
NT2 Pentanols
NT2 Propanols
NT2 PVA
NT1 Alizarin
NT1 Androsterone
NT1 BPH
NT1 Carminic Acid
NT1 Chromotropic Acid
NT1 Corticosteroids
NT2 Glucocorticoids
NT3 Corticosterone
NT3 Cortisone
NT3 Dexamethasone
NT3 Hydrocortisone
NT3 Prednisolone
NT3 Prednisone
NT2 Mineralocorticoids
NT3 Aldosterone
NT3 DOCA
NT1 Cupferron
NT1 Dianabol
NT1 Ephedrine
NT1 Estradiol
NT1 Estriol
NT1 Estrone
NT1 Ferron
NT1 Folic Acid
NT1 Guanine
NT1 Hydroxamic Acids
NT2 Benzohydroxamic Acid
NT1 Hydroxyandrostenone
NT1 Hydroxypregnenone
NT1 Hydroxyurea
NT1 Hypoxanthine
NT1 Kynurenic Acid
NT1 Melanin
NT1 Oximes
NT2 Benzoinoxime
NT2 Dimethylglyoxime
NT2 Furildioxime
NT1 Oxine
NT1 Phenols
NT2 Amidol
NT2 BAMBP
NT2 Cresols
NT2 Dinitrophenol
NT2 Eriochrome Dyes
NT2 Naphthols
NT3 Acid Chrome Dyes
NT3 Beryllon
NT3 1-Nitroso-2-Naphthol
NT3 Nitroso-R Salt
NT3 PAN
NT3 Thorin
NT3 Trypan Blue
NT2 Nitrophenol
NT2 Phenol
NT2 Phenolphthalein
NT2 Picric Acid
NT2 Polyphenols
NT3 Arsenazo
NT3 Aurin
NT3 Bromosulfophthalein
NT3 Catecholamines
NT3 Curcumin
NT3 Dopamine
NT3 Fluorescein
NT4 Erythrosine
NT3 Hematoxylin
NT3 Morin
NT3 Pyridylazoresorcinol
NT3 Pyrocatechol
NT3 Pyrogallol
NT3 Quercetin
NT3 Resorcinol
NT3 Stilbestrol
NT3 Tannic Acid
NT3 Tiron
NT2 POP
NT2 Thymol
NT2 Tyramine
NT2 Xylenols
NT1 Pyridoxine
NT1 Quinizarin
NT1 Rhodizonic Acid
NT1 Serotonin
NT2 Mexamine
NT1 Sterols
NT2 Bile Acids
NT3 Cholic Acid
NT2 Cholesterol
NT2 Ergosterol
NT2 Lanolin
NT2 Sitosterol
NT1 Testosterone
NT1 Thiamine
NT1 Uracils
NT2 Bromouracils
NT3 BUDR
NT2 Deoxyuridine
NT2 Fluorouracils
NT3 FUDR
NT2 Iodouracils
NT3 Iododeoxyuridine
NT2 Orotic Acid
NT2 Thiouracil
NT2 Thymine
NT2 Uridine
RT Hydroxy Acids
RT Inositols

Hydroxy-para-Cymene
USE Thymol

Hydroxyacetic Acid
USE Glycolic Acid

HYDROXYANDROSTENONE [01]
UF *Dehydroepiandrosterone*
BT1 Androgens
BT2 Androstanes
BT3 Steroids
BT4 Organic Compounds
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

Hydroxybenzene
USE Phenol

Hydroxybenzoic Acid-ortho
USE Salicylic Acid

Hydroxydiphenylacetic Acid
USE Benzilic Acid

Hydroxyethylethylenediaminetri-acetic Acid
USE HEDTA

Hydroxyethyliminodiacetic Acid
USE HEIDA

Hydroxyl Ions
USE Anions
AND Hydroxides

HYDROXYL RADICALS [01]
BT1 Radicals
RT Hydroxides
RT Oxygen Compounds

HYDROXYLAMINE [01]
BT1 Amines
BT2 Organic Compounds
NT1 Neocupferron
RT Oximes

HYDROXYLASE [01]
BT1 Oxidoreductases
BT2 Enzymes

HYDROXYLATION [01]
DA December 1976
RT Chemical Reactions
RT Hydroxides

Hydroxynaphthalenes
USE Naphthols

HYDROXYPREGNENONE [01]
UF *Pregnenolone*
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
BT1 Pregnanes
BT2 Steroids
BT3 Organic Compounds
RT Progesterone

HYDROXYPROLINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Pyrrolidines
BT2 Amines
BT3 Organic Compounds
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Collagen
RT Proline

Hydroxypropionic Acid-alpha
USE Lactic Acid

Hydroxypropiophenone
USE POP

8-Hydroxyquinoline
DA May 1975
USE Oxine

Hydroxysuccinic Acid
USE Malic Acid

Hydroxytoluenes
USE Cresols

HYDROXYTRYPTOPHAN [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
RT Tryptophan

HYDROXYUREA
DA March 1976
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds

8-Hydroxyxanthine
USE Uric Acid

Hydroxyxylenes
DA January 1975
USE Xylenols

HYGAS PROCESS
DA January 1975
UF *IGT Hydrogasification Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 SNG Processes
RT High BTU Gas
DEF Institute of Gas Technology hydrogasification process for producing high-Btu gas by slurrying the coal with light oil and using a three-stage gasifier.

HYGROMETRY [01]
RT Humidity
RT Moisture Gages

HYGROSCOPICITY [01]
RT Adsorption

HYLEMYA ANTIQUA [01]
BT1 Flies
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals
RT Onions

HYLIFE CONVERTER
(High Yield Lithium Injection Fusion Energy Converter.)
DA January 1979
BT1 Laser Fusion Reactors
BT2 Thermonuclear Reactors

HYLLERAAS COORDINATES [01]
BT1 Coordinates
RT Quantum Mechanics

Hylleraas-Scherr-Knight Procedure
USE HSK Procedure

HYMENOLEPIS [01]
BT1 Cestodes
BT2 Helminths
BT3 Parasites
BT2 Platyhelminths
BT3 Invertebrates
BT4 Animals
BT1 Trematodes
BT2 Helminths
BT3 Parasites
BT2 Platyhelminths
BT3 Invertebrates
BT4 Animals

HYMU-80 [01]
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

HYOSCYAMINE [01]
BT1 Alkaloids
BT2 Organic Compounds

HYPAQUE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Contrast Media
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
RT Benzoic Acid

HYPERCHARGE [01]
BT1 Particle Properties
RT Charm Particles
RT Gauge Invariance
RT Grace Particles
RT Taste Particles

HYPERFINE STRUCTURE [01]
UF *HFS*
RT Spectra

Hyperfragments
USE Hypernuclei

HYPERGEOMETRIC FUNCTIONS [01]
BT1 Functions

HYPERGLYCEMIA [01]
RT Saccharides

HYPERNUCLEI [01]
UF *Hyperfragments*
BT1 Nuclear Fragments
BT1 Nuclei
RT Hyperons

HYPERON BEAMS [01]
BT1 Particle Beams
BT2 Beams
NT1 Lambda Particle Beams
NT1 Omega Particle Beams
NT1 Sigma Particle Beams
NT1 Xi Particle Beams

HYPERON-HYPERON INTERACTIONS [01]
BT1 Baryon-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

HYPERON REACTIONS [01]
BT1 Baryon Reactions
BT2 Hadron Reactions
BT3 Nuclear Reactions

HYPERONS [01]
BT1 Baryons
BT2 Fermions
BT2 Hadrons
BT3 Elementary Particles
BT1 Strange Particles
BT2 Elementary Particles
NT1 Antihyperons
NT2 Antilambda Particles
NT2 Antiomega Particles
NT2 Antisigma Particles
NT2 Antixi Particles
NT1 Lambda Particles
NT1 Omega Particles
NT2 Omega Minus
NT1 Sigma Particles
NT2 Sigma Minus
NT2 Sigma Neutral
NT2 Sigma Plus
NT1 Xi Particles
NT2 Xi Minus
NT2 Xi Neutral
RT Hypernuclei

HYPERSONIC FLOW [01]
BT1 Fluid Flow

HYPERTENSION [01]
BT1 Cardiovascular Diseases
BT2 Diseases
BT1 Symptoms
BT1 Vascular Diseases
BT2 Diseases
RT Biological Stress
RT Blood Pressure

HYPERTHERMIA
DA July 1976
BT1 Body Temperature
RT Hypothermia

HYPERTHYROIDISM [01]
UF *Basedow'μ Θ⁺μ₁₃μ₇*
UF *Thyrotoxicosis*
BT1 Endocrine Diseases
BT2 Diseases
RT Antithyroid Drugs
RT Goiter
RT Thyroid Hormones

HYPERTONIC SOLUTIONS [01]
DA April 1975
BT1 Solutions
BT2 Mixtures
BT3 Dispersions
RT Osmosis

HYPERTROPHY [01]
BT1 Pathological Changes
BT2 Diseases

HYPNOTICS AND SEDATIVES [01]
UF *Sedatives*
UF+ *Promethazine*
BT1 Drugs
NT1 Barbiturates
NT2 Amytal
NT2 Nembutal
NT2 Phenobarbital
NT2 Thiopental
RT Analgesics
RT Anesthetics
RT Narcotics
RT Sleep

HYPO REACTOR [01]
UF *High Power Water Boiler*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

HYPOCENTERS
DA October 1978
RT Earthquakes
DEF The subterranean source of the earthquake, also the center of the subterranean area in which the energy of the earthquake is supposed to be concentrated.

HYPOCHLOROUS ACID [01]
BT1 Inorganic Acids

BT2 Hydrogen Compounds

HYPOFLUOROUS ACID
DA December 1977
BT1 Inorganic Acids
BT2 Hydrogen Compounds

Hypophosphites
USE Hypophosphorous Acid

HYPOPHOSPHOROUS ACID [01]
UF *Hypophosphites*
BT1 Inorganic Acids
BT2 Hydrogen Compounds

HYPOPHYSECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Hypothalamus
RT Pituitary Gland
RT Pituitary Hormones

Hypophysis
USE Pituitary Gland

HYPOTENSION [01]
RT Biological Stress
RT Blood Pressure

HYPOTHALAMUS [01]
BT1 Brain
BT2 Central Nervous System
BT3 Nervous System
BT2 Organs
BT3 Body
RT Autonomic Nervous System
RT Endocrine Glands
RT Homeostasis
RT Hypophysectomy
RT Metabolism
RT Pituitary Gland
RT TRH

HYPOTHERMIA [01]
BT1 Body Temperature
RT Hibernation
RT Hyperthermia

HYPOTHESIS [01]
NT1 Ergodic Hypothesis
NT1 Limiting Fragmentation
NT1 Mach Principle
NT1 Negative Mass
RT Comparative Evaluations
RT Functional Models
RT Mathematical Models
RT Structural Models

HYPOTHYROIDISM [01]
UF *Myxedema*
BT1 Endocrine Diseases
BT2 Diseases
RT Antithyroid Drugs
RT Goiter
RT Thyroid Hormones

HYPOXANTHINE [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Inosine
RT Nucleotides
RT Xanthines

Hypoxia
USE Anoxia

HYSTERESIS [01]
RT Damping
RT Energy Losses
RT Internal Friction

HYTORT PROCESS
DA August 1979
RT Black Shales
RT Retorting
DEF Direct, non-catalytic hydrogeneration of kerogen at high pressures and controlled heat-up rates; developed by 1GT.

HZ RANGE [01]
BT1 Frequency Range
NT1 Milli Hz Range

I-BEAM TYPE REACTORS
DA September 1976
UF *Ion Beam Type Reactors*
BT1 Thermonuclear Reactors
RT Inertial Confinement

I CENTERS [01]
(Interstitial halogen-ion centers)
DA April 1975
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure
BT1 Interstitials
BT2 Point Defects
BT3 Crystal Defects
BT4 Crystal Structure

I CODES [01]
BT1 Computer Codes

I G PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

I-Inositol
USE Inositol

IAEA [01]
UF *International Atomic Energy Agency*
BT1 International Organizations
RT Austria
RT IAEA Agreements
RT IAEA Safeguards
RT Recommendations
RT United Nations

IAEA AGREEMENTS [01]
BT1 International Agreements
BT2 Agreements
RT IAEA
RT Legal Aspects

IAEA SAFEGUARDS [01]
BT1 Safeguards
RT IAEA

IAN-R1 REACTOR [01]
UF *Instituto de Asuntos Nucleares R1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

IANTHINITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

IBM COMPUTERS [01]
BT1 Computers

IBR-1
USE IFR Reactor

IBR-2 REACTOR [01]
DA January 1975
UF *Dubna Pulsed Reactor*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

IBR-30 REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

ICE [01]
NT1 Frost
NT1 Icebergs
RT Antarctic Regions
RT Arctic Regions
RT Glaciers
RT Hail
RT Slush
RT Snow
RT Water

ICE CONDENSERS [01]
DA April 1975
BT1 Steam Condensers
BT2 Vapor Condensers
BT3 Condensers
RT Containment Systems
RT Cooling

ICEBERGS
DA August 1979
BT1 Ice

Icebreaker Arktika Reactor
DA March 1978
USE Arktika Reactor

Icebreaker Lenin Reactor
USE Lenin Reactor

ICELAND [01]
BT1 Europe
RT Krafla Geothermal Field
RT Namafjall Geothermal Field

ICES
DA June 1977
UF *Integrated Community Energy Systems*
NT1 Thermal Transmission ICES
RT Communities
RT DEUS
RT Energy Facilities
RT IEUS
RT MIUS
RT Total Energy Systems
DEF Program to develop community-scale energy systems, integrating community design planning and energy technology concepts.

ICHTHAMMOL
DA January 1975
UF *Ichthyol*
RT Oil Shales
RT Shale Oil
DEF A brownish black viscous liquid prepared from a distillate of bituminous schists by sulfonation followed by neutralization with ammonia and used as an antiseptic and emollient.

Ichthyol
DA April 1975
USE Ichthammol

ICHTHYOPLANKTON
DA March 1979
BT1 Plankton
BT2 Aquatic Organisms
RT Eggs
RT Fishes
RT Larvae
DEF The microscopic free-floating eggs and larvae of fish.

ICI PROCESS
DA February 1975
RT Desulfurization
RT Waste Processing
DEF Process for removing fly ash and SO_2 from flue gases. It is a development at the Boliden process. Involves recovery of S as liquefied SO_2 or free S.

ICL COMPUTERS [01]
BT1 Computers

ICONOSCOPES [01]
BT1 Camera Tubes
BT2 Image Tubes

ICR HEATING [01]
UF *Ion Cyclotron-Resonance Heating*
BT1 High-Frequency Heating
BT2 Plasma Heating
BT3 Heating
RT Cyclotron Radiation

ICRP [01]
UF *International Commission Radiological Protection*
BT1 International Organizations
RT CUEX
RT ICRU
RT Radiation Protection
RT Recommendations
RT Reference Man

ICRP CRITICAL GROUP [01]
(Out of a general population, the group of persons most hightly exposed to radiation by virtue of their occupations, diets, habits, etc.)
DA April 1975
RT Body Burden
RT Diet
RT Human Populations
RT Occupations
RT Radiation Doses
RT Radiation Hazards
RT Working Conditions

ICRU [01]
UF *International Commission Radiation Units*
BT1 International Organizations
RT Dosimetry
RT ICRP
RT Radiation Dose Units
RT Recommendations

IDAHO [01]
BT1 Pacific Northwest Region
BT1 USA
BT2 North America
NT1 Raft River Valley
RT Columbia River Basin
RT Yellowstone National Park

Idaho Advanced Test Reactor
USE ATR Reactor

IDAHO CHEMICAL PROCESSING PLANT [01]
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Idaho Materials Testing Reactor
USE MTR Reactor

IDAHO NATIONAL ENGINEERING LABORATORY [01]
(Prior to 1976 known as NRTS and older material is so indexed.)
DA December 1975
UF *National Reactor Testing Station*
UF *NRTS*
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Idaho Nuclear Effects Reactor
USE FRAN Reactor

IDEAL FLOW
DA June 1975
UF *Frictionless Flow*
UF *Inviscid Flow*
BT1 Fluid Flow

IEA
DA May 1976
USE International Energy Agency

IEA-ZPR REACTOR [01]
DA June 1975
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

IEAR-1 REACTOR [01]
UF *Instituto de Energia Atomica R1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IEUS
DA December 1978
UF *Integrated Energy Utility Systems*
NT1 MIUS
RT ICES
RT Public Utilities
RT Total Energy Systems

IFIP [01]
DA June 1975
BT1 Coordinated Research Programs
BT2 Research Programs
RT Food
RT Irradiation Procedures
RT Preservation

IFP PROCESS
DA January 1975
UF *Catalytic-IFP Ammonia Scrubbing Process*
RT Desulfurization
RT Waste Processing
DEF Process for removal of H_2S and SO_2 from Claus unit tail gas to an SO_2 level of 1,500 to 2,000 ppM (IFP-1) or 500 ppM or below (IFP-2) and stack gas clean-up to take SO_2 down to or below 500 ppM (IFP-2).

IFR REACTOR [01]
UF *IBR-1*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

IGNEOUS ROCKS [01]
BT1 Rocks
NT1 Anorthosites
NT1 Aplites
NT1 Basalt
NT1 Granites
NT1 Granodiorites
NT1 Kimberlites
NT1 Magma
NT1 Pegmatites
NT1 Peridotites
NT1 Pumice
NT1 Tuff
NT1 Volcanic Rocks
NT2 Andesites
NT2 Lava
NT2 Rhyolites
RT Intrusion

IGNITION
DA August 1975
RT Combustion
RT Combustion Waves
RT Detonation Waves
RT Flames
RT Flammability
RT Ignition Systems

Ignition (Thermonuclear)
USE Thermonuclear Ignition

IGNITION QUALITY
DA January 1975
RT Antiknock Ratings
RT Combustion

IGNITION SYSTEMS
DA May 1976
RT Automobiles
RT Combustors
RT Ignition
DEF Systems for fuel ignition engines.

IGNITRONS [01]
BT1 Gas Discharge Tubes
BT2 Electron Tubes
BT1 Rectifier Tubes
BT2 Electron Tubes
BT2 Rectifiers
BT3 Electrical Equipment
BT4 Equipment

IGT Hydrogasification Process
DA January 1975
USE Hygas Process

IGT Waste Process
DA October 1975
USE BIOGAS Process

IGY
USE International Geophysical Year

IHEP [01]
(Institute for High Energy Physics, Serpukhov, USSR.)
DA December 1975
BT1 USSR Organizations
BT2 National Organizations
RT Serpukhov Synchrotron

IISNR Reactor
USE Thetis Reactor

IKATA REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

IKO [01]
DA September 1978
UF *Inst V Kernph Onder Amsterdam*
BT1 Netherlands Organizations
BT2 National Organizations

IKO SYNCHROCYCLOTRON [01]
(IKO-Nuclear Physics Research Institute, Amsterdam.)
DA April 1975
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Ileum
USE Small Intestine

ILLIAC COMPUTERS [01]
BT1 Computers

Illinium
USE Promethium

ILLINOIS [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
NT1 Chicago
RT Chattanooga Formation
RT Mississippi River
RT Ohio River

ILLITE [01]
BT1 Clays
BT2 Minerals
DEF A general term for the clay-mineral constituent of argillaceous sediments belonging to the mica group; $2K_2O.3(Mg,Fe)0.8(Al,Fe)_2O_3.24SiO_2.12H_2O$.

ILLIUM [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

Illumination Systems
DA February 1975
USE Lighting Systems

ILMENITE [01]
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds
DEF An iron-black, opaque, rhombohedral mineral: $FeTiO_3$.

ILO [01]
UF *International Labour Organization*
BT1 International Organizations
RT United Nations
RT Work

ILVAITE [01]
DA April 1978
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

IMAGE CONVERTERS [01]
UF *Converters (Image)*
BT1 Image Tubes
RT Image Intensifiers
RT Image Processing

IMAGE INTENSIFIERS [01]
UF *Intensifiers (Image)*
RT Fluoroscopy
RT Image Converters
RT Image Processing
RT Radiation Protection

IMAGE PROCESSING [01]
DA June 1977
RT Data Processing
RT Digital Filters
RT Image Converters
RT Image Intensifiers
RT Image Scanners
RT Images
RT Photography
RT Radioisotope Scanners
DEF Procedure for restoring or enhancing images, often by computer.

IMAGE SCANNERS [01]
UF *Scanners (Image)*
RT Data Processing
RT Digitizers
RT Electronic Equipment
RT Image Processing
RT Particle Tracks
RT Photographic Films
RT Radioisotope Scanners

IMAGE STORAGE TUBES [01]
UF+ *Storage Tubes*
BT1 Image Tubes

IMAGE TUBES [01]
NT1 Camera Tubes
NT2 Iconoscopes
NT2 Orthicons
NT2 Vidicons
NT1 Image Converters
NT1 Image Storage Tubes
RT Cathode Ray Tubes
RT Display Devices
RT Electron Tubes
RT Images
RT Photoelectric Cells

IMAGES [01]
UF *Autoradiographs*
UF *Photographs*
UF *Radiographs*
RT Display Devices
RT Image Processing
RT Image Tubes
RT Nuclear Emulsions
RT Pattern Recognition
RT Photographic Films
RT Radioisotope Scanners
RT Scintiscanning

Imatran Voima Power Reactor
USE Loviisa Reactor

IMCO [01]
UF *International Maritime Consultative Organization*
BT1 International Organizations

IMIDAZOLES [01]
UF+ *Parabanic Acid*
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Allantoin
NT1 Benzimidazoles
NT1 Biotin
NT1 Creatinine
NT1 Histamine
NT1 Histidine
NT1 Metronidazole
NT1 Urocanic Acid
DEF Compounds that contain a five-membered heterocyclic ring containing nitrogen atoms in the 1 and 3 positions.

IMIDES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 NEM
RT Dicarboxylic Acids

IMIDINES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
RT Dicarboxylic Acids

IMINES [01]
(For aldehyde and ketone derivatives only.)
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Creatinine
NT1 Pemoline
NT1 Schiff Bases
RT Aldehydes
RT Guanidines
RT Ketones

Iminoamides
USE Amidines

Iminourea
USE Guanidines

IMIPRAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Tranquilizers
BT2 Psychotropic Drugs
BT3 Drugs

Immediate Radiation Effects
USE Early Radiation Effects

IMMUNE REACTIONS [01]
RT Antigen-Antibody Reactions
RT Immunity
RT Phagocytosis
RT Toxoids
DEF In vivo reaction to foreign antigen.

Immune Sera
USE Immune Serums

IMMUNE SERUMS [01]
UF *Antiserum*
UF *Immune Sera*
UF *Serum (Immune)*
RT Antibodies
RT Blood Serum
RT Inoculation

Immune Tolerance
USE Immunity

IMMUNITY [01]
UF *Compatibility (Immunological)*
UF *Immune Tolerance*
UF+ *C-Reactive Protein*
RT Allergy
RT Anaphylaxis
RT Antibodies
RT Antibody Formation
RT Antigen-Antibody Reactions

RT Antigens
RT Chimeras
RT Graft-Host Reaction
RT Hemolysis
RT Immune Reactions
RT Immunoglobulins
RT Immunology
RT Immunosuppression
RT Inoculation
RT Interferon
RT Lymphocytes
RT Preventive Medicine
RT Properdin
RT Radioimmunology
RT Receptors
RT Thymectomy
RT Toxoids
RT Transplants
RT Vaccines

IMMUNOGLOBULINS [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds
RT Immunity

IMMUNOLOGY [01]
NT1 Radioimmunology
RT Immunity
RT Mitogens

IMMUNOSUPPRESSION [01]
RT Antimitotic Drugs
RT Glucocorticoids
RT Immunity
RT Transplants

IMMUNOSUPPRESSIVE DRUGS
DA January 1975
BT1 Drugs

IMMUNOTHERAPY
DA June 1978
BT1 Therapy
RT Corynebacterium Parvum

IMP DEVICE [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

IMP SATELLITES [01]
BT1 Satellites

IMPACT PARAMETER [01]
RT Nuclear Reactions
RT Scattering

IMPACT SHOCK [01]
UF *Shock (Impact)*
RT Damage
RT Failures
RT Impact Strength
RT Missile Protection
RT Shock Absorbers
RT Shock Waves
RT Water Hammer

IMPACT STRENGTH [01]
UF *Strength (Impact)*
BT1 Mechanical Properties
RT Impact Shock
RT Impact Tests

IMPACT TESTS [01]
BT1 Mechanical Tests
BT2 Materials Testing
BT3 Testing
RT Destructive Testing
RT Impact Strength
RT Notches

IMPEDANCE [01]
NT1 Electric Impedance
NT1 Mechanical Impedance
RT Electric Conductivity

Imperfections
USE Defects

IMPERIAL VALLEY
DA February 1975
BT1 California
BT2 USA
BT3 North America
BT2 Western Region
NT1 Salton Sea
RT East Mesa GEothermal Field
RT Geothermal Fields

Impermeable Dry Rock
DA January 1975
USE Hot-Dry-Rock Systems

IMPINGEMENT
DA June 1975
RT Aquatic Organisms
RT Entrainment
RT Intake Structures
DEF Physical blockage of larger organisms from joining entrainment through placement of barrier screens.

Implanted Sources
DA May 1978
USE Radiation Source Implants

IMPLANTS
DA July 1978
NT1 Radiation Source Implants
RT Injection

IMPLEMENTATION
DA October 1976
RT Legislation
RT Regulations

IMPLOSIONS [01]
NT1 Laser Implosions
RT Detonations
RT Explosions
RT Shock Waves

Import Taxes
DA June 1978
USE Tariffs

Importance Function (Neutron)
USE Neutron Importance Function

IMPORTS
DA June 1978
RT Domestic Supplies
RT Exports
RT Foreign Policy
RT Net Trade
RT Tariffs
RT Trade
DEF Goods or services brought from a foreign country.

IMPREGNATION [01]
RT Adsorption
DEF The infusion or permeation of one substance into another.

Impulse
USE Pulses

IMPULSE APPROXIMATION [01]
RT Bound State
RT Coupling
RT Scattering

IMPURITIES [01]
(Unwanted constituents, not for TRACE AMOUNTS, INTERFERING ELEMENTS, or metal and nonmetal additions.)
UF *Purity*
RT Activation Analysis
RT Inclusions
RT Interfering Elements
RT Jesse Effect
RT Microanalysis
RT Purification
RT Segregation
RT Substoichiometry
RT Trace Amounts

IMS
DA October 1977
USE International Magnetospheric Study

IN 519
DA August 1979
USE Alloy-IN-519

IN-BEAM SPECTROSCOPY [01]
DA October 1977
BT1 Spectroscopy

In-Core Fuel Management
USE Fuel Management

IN CORE INSTRUMENTS [01]
(See also specific instruments plus FUEL ASSEMBLIES or REACTOR CORES.)
BT1 Reactor Instrumentation
NT1 Noise Thermometers
RT Acoustic Monitoring
RT Reactor Cores
RT Temperature Monitoring

In-Core Thermionic Reactor
DA March 1975
USE ITR Reactor

IN PILE LOOPS [01]
UF *Loops (In Pile)*
BT1 Reactor Experimental Facilities
BT2 Reactor Components
RT Experimental Channels
RT Irradiation Capsules

IN-SERVICE INSPECTION [01]
DA April 1977
BT1 Inspection
RT Nondestructive Testing
RT Reactor Maintenance

IN-SITU COMBUSTION
DA May 1976
BT1 Combustion
BT2 Oxidation
BT3 Chemical Reactions
BT2 Thermochemical Processes
BT1 In-Situ Processing
BT2 Processing
RT In-Situ Gasification
RT In-Situ Retorting
RT Reverse Combustion
DEF Air is injected into a well, ignition is caused to occur at the input well, and a combustion zone is propagated within the reservoir rock to nearby producing wells.

IN-SITU GASIFICATION
DA February 1975
UF *Underground Gasification*
BT1 Gasification
BT2 Thermochemical Processes
BT1 In-Situ Processing
BT2 Processing
RT Coal Gasification
RT Electrolinking
RT In-Situ Combustion

IN-SITU LIQUEFACTION
DA February 1975
BT1 In-Situ Processing
BT2 Processing
BT1 Liquefaction
BT2 Thermochemical Processes

IN-SITU PROCESSING [01]
DA February 1975
BT1 Processing
NT1 In-Situ Combustion
NT1 In-Situ Gasification
NT1 In-Situ Liquefaction
NT1 In-Situ Retorting
RT Modified In-Situ Processes

IN-SITU RETORTING
DA February 1975
BT1 In-Situ Processing
BT2 Processing
BT1 Retorting
RT In-Situ Combustion

RT Ljungstrom Process
RT Oil Shales
RT RISE

In Utero Irradiation
USE Prenatal Irradiation

IN-VESSEL HEAT EXCHANGERS [01]
BT1 Heat Exchangers

IN VITRO [01]
(As opposite to in vivo.)
RT Cell Cultures
RT Clone Cells
RT Culture Media
RT Hela Cells
RT Homogenates
RT L Cells
RT Tissue Cultures

IN VIVO [01]
(To be used only to differentiate from in vitro studies at the cellular or tissue level.)
RT Cell Division
RT Cell Proliferation
RT Neoplasms
RT Organs
RT Plant Cells
RT Tissues
RT Tumor Cells

INACTIVATION [01]
RT Inhibition
RT Preservation
RT Sterilization

Incentives
DA August 1979
SEE Financial Incentives
OR Legal Incentives

Incidents
USE Accidents

INCINERATORS [01]
RT Combustion
RT Furnaces

INCLINATION [01]
UF *Pitch Angle*
RT Geomagnetic Field
DEF Angle between velocity vector of a charged particle and the magnetic field in which particle moves.

Inclusion Complexes
USE Clathrates

INCLUSIONS [01]
RT Crystal Defects
RT Impurities
RT Ion Implantation
RT Microstructure
RT Trace Amounts

Inclusive Distribution
USE Distribution
AND Inclusive Interactions

INCLUSIVE INTERACTIONS [01]
UF+ *Inclusive Distribution*
BT1 Particle Interactions
BT2 Interactions
NT1 Semi-inclusive Interactions
RT Exclusive Interactions
RT Limiting Fragmentation
RT Nuclear Fireball Model
DEF The group of all interactions of two particles producing a specific final state.

INCOHERENT PRODUCTION [01]
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
RT Coherent Tube Model

INCOHERENT SCATTERING [01]
BT1 Scattering
RT Inelastic Scattering

INCOLOY 800 [01]
UF *Alloy 800*
BT1 Incoloy Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT2 Nickel Alloys
BT3 Alloys

INCOLOY 802
DA August 1979
BT1 Incoloy Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT2 Nickel Alloys
BT3 Alloys

INCOLOY 901 [01]
BT1 Incoloy Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

INCOLOY ALLOYS [01]
BT1 *Chromium* Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
NT1 Incoloy 800
NT1 Incoloy 802
NT1 Incoloy 901

INCOME [01]
NT1 Royalties
RT Economics
RT High Income Groups
RT Income Distribution
RT Inflation
RT Low Income Groups
RT Prices
RT Profits
RT Standard of Living

INCOME DISTRIBUTION
DA February 1978
RT Economics
RT High Income Groups
RT Income

INCOMPRESSIBLE FLOW [01]
BT1 Fluid Flow
RT Navier-Stokes Equation

INCONEL 82 [01]
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Tantalum Alloys
BT2 Alloys

INCONEL 600 [01]
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys

INCONEL 617 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

INCONEL 625 [01]
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Tantalum Alloys
BT2 Alloys

INCONEL 643 [01]
DA May 1979
BT1 Cobalt Alloys
BT2 Alloys
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

INCONEL 671
DA March 1977
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

INCONEL 700 [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys

BT4 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

INCONEL 702 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

INCONEL 706 [01]
DA March 1975
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys

INCONEL 718 [01]
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys

INCONEL 738
DA December 1978
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Tantalum Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

INCONEL ALLOYS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
NT1 Inconel 82
NT1 Inconel 600
NT1 Inconel 617
NT1 Inconel 625
NT1 Inconel 643
NT1 Inconel 700
NT1 Inconel 702
NT1 Inconel 706
NT1 Inconel 718
NT1 Inconel 738
NT1 Inconel 713LC
NT1 Inconel X750
RT Inor-8

INCONEL 713C [01]
DA February 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

INCONEL 713LC
DA December 1978
UF *Alloy-713-LC*
BT1 Aluminium Alloys
BT2 Alloys
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys

Inconel MA 753
DA April 1975
USE Alloy-IN-853

INCONEL X750 [01]
BT1 Inconel Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

Increasing
DA July 1979
USE Augmentation

INCREMENTAL-COST PRICING
DA December 1978
BT1 Prices
RT Marginal-Cost Pricing
DEF Charges based on cost of attaching new supplies to replace the dwindling flow from conventional sources.

INCUBATION [01]
RT Heating
RT Infectious Diseases
RT Latency Period
RT Quarantine
RT Time Dependence

INDAN
DA October 1976
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

INDAZOLES [01]
BT1 Pyrazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

INDENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Independent-Particle Model
USE Single-Particle Model

INDEXES [01]
(Should be used to index all pieces of literature which are indexes.)
BT1 Document Types
RT Information Retrieval

INDIA [01]
BT1 Asia
RT Ganga River

INDIA INK [01]
BT1 Inks
BT1 Pigments

INDIAN OCEAN [01]
BT1 Seas
BT2 Surface Waters
NT1 Arabian Sea
NT2 Persian Gulf

INDIAN ORGANIZATIONS [01]
DA May 1975
BT1 National Organizations
NT1 BARC
NT1 Kalpakkam Reactor Research Center

INDIAN POINT-1 REACTOR [01]
UF *Consolidated Edison Thorium Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

INDIAN POINT-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

INDIAN POINT-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

INDIAN RESERVATIONS
DA January 1979
RT American Indians

INDIANA [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
RT Ohio River

Indiana University Cyclotron
DA May 1979
USE IU Cyclotron

Indians (American)
DA November 1978
USE American Indians

Indicator Species
DA March 1976
USE Biological Indicators

INDICATORS [01]
SF *Chemicals*
NT1 Bromosulfophthalein
NT1 Congo Red
NT1 Eosin
NT1 Erioglaucine
NT1 Indocyanine Green
NT1 Methyl Orange
NT1 Methyl Red
NT1 Methylthymol Blue
NT1 Neutral Red

NT1 Phenolphthalein
NT1 Pyrocatechol Violet
NT1 Rose Bengal
NT1 Xylenol Orange

INDIUM [01]
BT1 Metals
BT2 Elements

INDIUM 103 [01]
DA December 1978
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 104 [01]
DA May 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 105 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 106 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 107 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 108 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 109 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 110 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 111 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 112 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 113 [01]
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

INDIUM 114 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 115 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 116 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes

BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 117 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 118 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 119 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 120 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 121 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 122 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 123 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 124 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 125 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 126 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 127 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 128 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 129 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei

INDIUM 130 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM 131 [01]
DA April 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

INDIUM 132 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

INDIUM ADDITIONS [01]
BT1 Indium Alloys
BT2 Alloys

INDIUM ALLOYS [01]
BT1 Alloys
NT1 Indium Additions
NT1 Indium Base Alloys

INDIUM ARSENIDES [01]
DA January 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Indium Compounds

INDIUM BASE ALLOYS [01]
BT1 Indium Alloys
BT2 Alloys

INDIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Indium Compounds

INDIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides

BT3 Halogen Compounds
BT1 Indium Compounds

INDIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Indium Compounds

INDIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Indium Compounds

INDIUM COMPLEXES [01]
BT1 Complexes

INDIUM COMPOUNDS [01]
NT1 Indium Arsenides
NT1 Indium Borides
NT1 Indium Bromides
NT1 Indium Carbides
NT1 Indium Chlorides
NT1 Indium Fluorides
NT1 Indium Hydrides
NT1 Indium Hydroxides
NT1 Indium Iodides
NT1 Indium Nitrates
NT1 Indium Nitrides
NT1 Indium Oxides
NT1 Indium Perchlorates
NT1 Indium Phosphates
NT1 Indium Phosphides
NT1 Indium Selenides
NT1 Indium Silicates
NT1 Indium Sulfates
NT1 Indium Sulfides
NT1 Indium Tellurides
NT1 Indium Tungstates

INDIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Indium Compounds

INDIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Indium Compounds

INDIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Indium Compounds

INDIUM IODIDES [01]
BT1 Indium Compounds
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds

INDIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

INDIUM ISOTOPES [01]
NT1 Indium 103
NT1 Indium 104
NT1 Indium 105
NT1 Indium 106
NT1 Indium 107
NT1 Indium 108
NT1 Indium 109
NT1 Indium 110
NT1 Indium 111
NT1 Indium 112
NT1 Indium 113
NT1 Indium 114
NT1 Indium 115
NT1 Indium 116
NT1 Indium 117
NT1 Indium 118
NT1 Indium 119
NT1 Indium 120
NT1 Indium 121
NT1 Indium 122
NT1 Indium 123
NT1 Indium 124
NT1 Indium 125
NT1 Indium 126
NT1 Indium 127
NT1 Indium 128
NT1 Indium 129
NT1 Indium 130
NT1 Indium 131
NT1 Indium 132

INDIUM NITRATES [01]
BT1 Indium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

INDIUM NITRIDES [01]
BT1 Indium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

INDIUM OXIDES [01]
BT1 Indium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

INDIUM PERCHLORATES [01]
DA November 1977
BT1 Indium Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

INDIUM PHOSPHATES [01]
DA October 1978
BT1 Indium Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

INDIUM PHOSPHIDE SOLAR CELLS
DA December 1978
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

INDIUM PHOSPHIDES [01]
DA January 1975
BT1 Indium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

INDIUM SELENIDES [01]
DA February 1975
BT1 Indium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

INDIUM SILICATES [01]
DA September 1975
BT1 Indium Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

INDIUM SULFATES [01]
BT1 Indium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

INDIUM SULFIDES [01]
BT1 Indium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

INDIUM 110 TARGET [01]
DA July 1976
BT1 Targets

INDIUM 113 TARGET [01]
DA July 1976
BT1 Targets

INDIUM 115 TARGET [01]
DA July 1976
BT1 Targets

INDIUM TELLURIDES [01]
DA June 1975
BT1 Indium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

INDIUM TUNGSTATES
DA November 1976
BT1 Indium Compounds
BT1 Tungstates

INDOCYANINE GREEN [01]
DA December 1975
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Dyes
BT1 Indicators
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Sulfonates
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

INDOLES [01]
UF *Benzopyrroles*
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Indocyanine Green
NT1 Lysergic Acid
NT1 Reserpine
NT1 Strychnine
NT1 Tryptamines
NT2 Bufotenine
NT2 Melatonin
NT2 Serotonin
NT3 Mexamine
NT1 Tryptophan
NT1 Vinblastine
RT Ergotamine

INDONESIA [01]
BT1 Asia
RT OPEC

Indonesian TRIGA-Mk-2 Reactor
DA January 1975
USE TRIGA-2-Bandung Reactor

INDOOR AIR POLLUTION
DA September 1978
BT1 Air Pollution
BT2 Pollution

INDUCED POLARIZATION LOGGING
DA March 1979
BT1 Electric Logging
BT2 Well Logging
RT Electrical Surveys
DEF Exploration method involving measurement of the slow decay of voltage in the ground following the cessation of an excitation current pulse or low frequency variations of earth impedance.

Induced Radioactivity
USE Radioactivity

INDUCTION [01]
NT1 Faraday Induction

INDUCTION FURNACES [01]
BT1 Furnaces

INDUCTION LOGGING
DA June 1976
UF *Magnetic Induction Logging*
BT1 Electric Logging
BT2 Well Logging
RT Magnetic Surveys
RT Resistivity Logging

INDUCTION WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

Inductors
USE Solenoids

INDUSTRIAL ACCIDENTS [01]
BT1 Accidents

Industrial Laundries
DA February 1979
USE Laundries

INDUSTRIAL MEDICINE [01]
BT1 Medicine
RT Accidents
RT Occupational Diseases
RT Occupational Safety
RT Personnel
RT Radiation Protection
RT Working Conditions

INDUSTRIAL PLANTS [01]
UF *Plants (Industrial)*
NT1 Chemical Plants
NT2 Gasoline Plants
NT2 Petrochemical Plants
NT1 Cimarron Plutonium Production Plant
NT1 Coal Gasification Plants
NT1 Coal Liquefaction Plants
NT1 Coal Preparation Plants
NT1 Coking Plants
NT1 Desalination Plants
NT1 Feed Materials Plants
NT2 Feed Materials Production Center
NT2 Highland Uranium Mill
NT2 Shirley Basin Uranium Mill
NT2 West Valley UF6 Facility
NT1 Foundries
NT1 Isotope Separation Plants
NT2 Centrifuge Enrichment Plants
NT2 Gaseous Diffusion Plants
NT3 Cogema Pierrelatte
NT3 ORGDP
NT3 Paducah Plant
NT3 Portsmouth Gaseous Diffusion Plant
NT2 Heavy Water Plants
NT2 Tritium Extraction Plant
NT1 Methanol Plants
NT1 Natural Gas Processing Plants
NT1 Oil Sand Processing Plants
NT1 Sequoyah UF6 Production Plant
NT1 SNG Plants
NT1 Waste Processing Plants
NT2 CPU-400 Combustion Plant
RT Demonstration Plants
RT Fuel Fabrication Plants
RT Industry
RT Petroleum Refineries
RT Pilot Plants

INDUSTRIAL RADIOGRAPHY [01]
UF *Radiography (Industrial)*
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing
NT1 Beta Radiography
NT1 Gamma Radiography
NT2 Gamma Fuel Scanning
NT1 Neutron Radiography
NT1 Proton Radiography
NT1 X-Ray Radiography
RT Autoradiography
RT Microradiography
RT Radiological Personnel

Industrial Relations
DA June 1979
USE Labor Relations

Industrial Sector
DA March 1979
USE Industry

INDUSTRIAL WASTES [01]
DA October 1975
BT1 Wastes
NT1 Spent Liquors
NT1 Whey
RT Gaseous Wastes
RT Liquid Wastes
RT Organic Wastes
RT Refuse Derived Fuels
RT Scrap
RT Scrap Metals
RT Solid Wastes

Industrialized Countries
DA March 1978
USE Developed Countries

INDUSTRY [01]
SF *End Use Sector*
UF *Industrial Sector*
NT1 Aerospace Industry
NT1 Automobile Industry
NT1 Cement Industry
NT1 Ceramics Industry
NT1 Chemical Industry
NT1 Coal Industry
NT1 Construction Industry
NT1 Electric Power Industry
NT1 Fertilizer Industry
NT1 Fishing Industry
NT1 Food Industry
NT2 Meat Industry
NT1 Geothermal Industry
NT1 Glass Industry
NT1 Metal Industry
NT1 Mineral Industry
NT1 Natural Gas Industry
NT2 LNG Industry
NT1 Nuclear Industry
NT1 Oil Sand Industry
NT1 Oil Shale Industry
NT1 Petroleum Industry
NT1 Plastics Industry
NT1 Solar Industry
NT1 Synthetic Fuels Industry
NT1 Textile Industry
NT1 Wood Products Industry
NT2 Furniture Industry
NT2 Paper Industry
RT Afterburners
RT By-Products
RT Developing Countries
RT Economic Development
RT Fuel Reprocessing Plants
RT Highland Uranium Mill
RT Horizontal Integration
RT Hydrogen-Based Economy
RT Industrial Plants
RT Joint Ventures
RT Labor Relations
RT Manufacturers
RT Manufacturing
RT Mining
RT Retailers
RT Technology Assessment
RT Technology Transfer
RT Technology Utilization
RT Vertical Integration

INELASTIC SCATTERING [01]
BT1 Scattering
NT1 Deep Inelastic Scattering
NT1 Delbrueck Scattering
NT1 Resonance Scattering
NT1 Thomson Scattering
RT Anharmonic Crystals
RT Hauser-Feshbach Theory
RT Incoherent Scattering
RT Levinson-Banerjee Theory
RT Skyrme Potential
RT Spin Flip

INERT ATMOSPHERE [01]
NT1 Cover Gas
RT Carbon Dioxide
RT Nitrogen
RT Rare Gases

Inertia
USE Moment of Inertia

INERTIAL CONFINEMENT [01]
(A dynamic plasma confinement by inertial forces.)
DA April 1978
BT1 Plasma Confinement
BT2 Confinement
RT E-Beam Type Reactors
RT Electron Beam Fusion Accelerator
RT Electron Beam Targets
RT I-Beam Type Reactors
RT Ion Beam Targets
RT Laser Fusion Reactors
RT Laser Implosions
RT Laser Targets

INERTIAL GUIDANCE
DA November 1975
RT Electronic Guidance
RT Navigational Instruments

INERTIAL SEPARATORS [01]
DA March 1976
UF *Ash Separators*
UF *Centrifugal Separators*
BT1 Pollution Control Equipment
BT2 Equipment
NT1 Cyclone Separators
DEF Separators that operate by imparting a centrifugal force to the particle to be removed from the carrier gas stream.

INFANTS [01]
SF *Newborns*
BT1 Children
BT2 Man
BT3 Primates
BT4 Mammals
BT5 Vertebrates
BT6 Animals
BT1 Neonates
BT2 Animals
RT Age Groups
RT Life Cycle

INFECTIOUS DISEASES [01]
UF+ *Hepatitis (Infectious)*
BT1 Diseases
NT1 Cholera
NT1 Diphtheria
NT1 Fascioliasis
NT1 Filariasis
NT1 Gonorrhea
NT1 Herpes Simplex
NT1 Herpes Zoster
NT1 Hydatidosis
NT1 Influenza
NT1 Leprosy
NT1 Malaria
NT1 Measles
NT1 Mycoses
NT1 Newcastle Disease
NT1 Paratyphoid
NT1 Poliomyelitis
NT1 Schistosomiasis
NT1 Syphilis
NT1 Tetanus
NT1 Trichinosis
NT1 Trypanosomiasis
NT1 Tuberculosis
NT2 Lupus
NT1 Typhoid
NT1 Typhus
RT Antibiotics
RT Bacteria
RT Dictyocaulus
RT Epidemiology
RT Granulomas

RT Hookworm
RT Incubation
RT Inflammation
RT Microorganisms
RT Septicemia
RT Trypanosoma
RT Virulence
RT Viruses

INFECTIVITY [01]
RT Bacteria
RT Disinfectants
RT Endotoxins

INFLAMMATION [01]
BT1 Pathological Changes
BT2 Diseases
NT1 Abscesses
RT Granulomas
RT Infectious Diseases
RT Pneumonitis
RT Trichinosis

INFLATABLE COLLECTORS
DA February 1979
BT1 Solar Collectors
RT Solar Ponds

INFLATABLE SEALS [01]
BT1 Seals

INFLATION
DA July 1978
RT Cost
RT Economic Growth
RT Income

INFLUENZA [01]
BT1 Infectious Diseases
BT2 Diseases
RT Influenza Viruses

INFLUENZA VIRUSES [01]
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
RT Influenza

INFORMATION [01]
UF *Recorded Information*
NT1 Data
NT2 Financial Data
NT2 Numerical Data
NT3 Data Compilation
NT3 Evaluated Data
NT3 Experimental Data
NT3 Theoretical Data
RT Data Base Management
RT Information Theory
RT Libraries
RT Manuals
RT Privacy Act
RT Technology Transfer

INFORMATION CENTERS
DA April 1976
RT Data Compilation
RT Information Systems

INFORMATION NEEDS [01]
(Identification of subject areas or types of data on which information is needed in order to further specific areas of research. Coordinate with descriptors for the specific areas of research.)
DA August 1976
RT Data
RT Research Programs
RT Tables

INFORMATION RETRIEVAL [01]
UF *Document Retrieval*
UF *Records Retrieval*
RT Data Base Management
RT Documentation
RT Indexes
RT Information Systems
RT Standardized Terminology
RT Unisist

INFORMATION SYSTEMS [01]
NT1 AGRIS
NT1 CINDA
NT1 INIS
RT Data Base Management
RT Documentation
RT Information Centers
RT Information Retrieval
RT Information Theory
RT Nuclear Data Collections
RT Standardized Terminology
RT Unisist

INFORMATION THEORY [01]
RT Communications
RT Cybernetics
RT Data Processing
RT Game Theory
RT Information
RT Information Systems
RT Set Theory

INFRARED DIVERGENCES [01]
UF *Divergences (Infrared)*
RT Quantum Electrodynamics

INFRARED RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
NT1 Far Infrared Radiation
NT1 Intermediate Infrared Radiation
NT1 Near Infrared Radiation
RT Infrared Spectra
RT Infrared Thermography
RT Thermal Radiation
RT Thermography
RT Wavelengths

INFRARED SPECTRA [01]
BT1 Spectra
RT Absorption Spectroscopy
RT Infrared Radiation
RT Structural Chemical Analysis
RT Vibrational States

INFRARED SPECTROMETERS [01]
DA January 1975
BT1 Spectrometers
BT2 Measuring Instruments
NT1 Photoacoustic Spectrometers

INFRARED SURVEYS
DA January 1975
BT1 Geophysical Surveys
RT Geothermal Exploration

INFRARED THERMOGRAPHY [01]
DA September 1977
UF *Thermal Photography*
BT1 Thermography
BT2 Thermal Testing
BT3 Nondestructive Testing
BT4 Materials Testing
BT5 Testing
RT Heat Losses
RT Infrared Radiation
RT Temperature Monitoring
DEF A method for measuring the infrared radiation emitted from surfaces.

INFUSION [01]
BT1 Intake

ING LINAC [01]
UF *Intense Neutron Generator Linac*
BT1 Linear Accelerators
BT2 Accelerators
BT1 Neutron Sources
BT2 Particle Sources
BT3 Radiation Sources

INGESTION [01]
BT1 Intake
RT Beverages
RT Diet
RT Digestion
RT Drinking Water
RT Food
RT Intestinal Absorption
RT Oral Administration
RT Oral Cavity

INHALATION [01]
BT1 Intake
RT Aerosols
RT Air
RT Breath
RT Dusts
RT Intratracheal Administration
RT Maximum Inhalation Quantity
RT Radionuclide Administration
RT Respiration
RT Respirators
RT Respiratory System

Inhalation Exposure Chambers
DA October 1977
USE Exposure Chambers

INHIBITION [01]
UF *Extinguishment*
UF *Suppression*
UF+ *Growth Inhibition*
RT Catalysis
RT Enzyme Inhibitors
RT Flames
RT Inactivation
RT Stabilization

Inhibitors (Corrosion)
USE Corrosion Inhibitors

Inhibitors (Enzyme)
DA March 1976
USE Enzyme Inhibitors

INHOMOGENEOUS FIELDS [01]
RT Electric Fields
RT Electromagnetic Fields
RT Magnetic Fields

INHOMOGENEOUS PLASMA [01]
BT1 Plasma

INHOUR EQUATION [01]
UF *Nordheim Equation*
RT Reactivity
RT Reactor Kinetics

INHOURS [01]
BT1 Reactivity Units

INIS [01]
UF *International Nuclear Information System*
BT1 Information Systems

Initial Reservoir Pressure
DA September 1978
USE Reservoir Pressure

INJECTION [01]
BT1 Intake
NT1 Intramuscular Injection
NT1 Intraperitoneal Injection
NT1 Intravenous Injection
NT1 Subcutaneous Injection
RT Implants
RT Radionuclide Administration
RT Therapy

Injection (Beams)
USE Beam Injection

INJECTION WELLS
DA January 1975
UF *Input Well*
BT1 Wells
RT Geothermal Wells
RT Reinjection
DEF A well used for injecting fluids into an underground strata.

INJURIES [01]
UF *Trauma*
UF+ *Traumatic Shock*
NT1 Bone Fractures
NT1 Burns
NT2 Flash Burns
NT2 Radiation Burns
NT1 Radiation Injuries
NT2 Osteoradionecrosis
NT2 Radiation Burns

NT2 Radiodermatitis
NT1 Wounds
RT Accidents
RT Diseases
RT First Aid
RT Health Hazards
RT Hematomas
RT Safety
RT Single Intake

INKS [01]
NT1 India Ink
RT Dyes

INLAND WATERWAYS [01]
UF *Canals (Waterways)*
RT Harbors
RT Lakes
RT Marinas
RT Rivers
RT Transport

Inlet Event
DA June 1977
USE Anvil Project

Inner Bremsstrahlung
USE Internal Bremsstrahlung

INNER-SHELL IONIZATION [01]
DA August 1976
BT1 Ionization
RT Auger Effect
RT Autoionization
RT Coulomb Ionization

INOCULATION [01]
RT Immune Serums
RT Immunity
RT Vaccines
RT Viruses

INOR-8 [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
RT Inconel Alloys

INORGANIC ACIDS [01]
UF *Acids (Inorganic)*
UF *Mineral Acids*
UF+ *Polythionic Acids*
BT1 Hydrogen Compounds
NT1 Boric Acid
NT1 Bromic Acid
NT1 Carbonic Acid
NT1 Chloric Acid
NT1 Chlorous Acid
NT1 Chromic Acid
NT1 Heteropoly Acids
NT1 Hydrazoic Acid
NT1 Hydriodic Acid
NT1 Hydrobromic Acid
NT1 Hydrochloric Acid
NT1 Hydrocyanic Acid
NT1 Hydrofluoric Acid
NT1 Hypochlorous Acid
NT1 Hypofluorous Acid
NT1 Hypophosphorous Acid
NT1 Iodic Acid
NT1 Lewis Acids
NT1 Molybdic Acid
NT1 Nitric Acid
NT1 Nitrous Acid
NT1 Perchloric Acid
NT1 Periodic Acid
NT1 Phosphoric Acid
NT1 Phosphorous Acid
NT1 Silicic Acid
NT1 Sulfamic Acid
NT1 Sulfuric Acid
NT2 Persulfuric Acid
NT1 Sulfurous Acid
NT1 Telluric Acid
NT1 Tungstophosphoric Acid
RT Acid Carbonates
RT Acid Phosphates
RT Acid Silicates
RT Acid Sulfates
RT Acidification
RT Anhydrides
RT PH Value

INORGANIC COMPOUNDS
(Use of a more specific term is recommended.)
DA May 1975
RT Chemical Feedstocks

INORGANIC ION EXCHANGERS [01]
UF *Permutit (Inorganic)*
BT1 Ion Exchange Materials
NT1 Bentonite
NT1 Montmorillonite
NT1 Mullite
NT1 Vermiculite
NT1 Zeolites
NT2 Analcime
NT2 Clinoptilolite
NT2 Faujasite
NT2 Heulandite
NT2 Laumontite
NT2 Mordenite
NT2 Wairakite

INORGANIC PHOSPHORS [01]
BT1 Phosphors
NT1 Cadmium Sulfides
NT1 Cadmium Tungstates
NT1 Calcium Tungstates
NT1 Cesium Iodides
NT1 Lithium Iodides
NT1 Potassium Iodides
NT1 Sodium Iodides
NT1 Zinc Sulfides
RT Solid Scintillation Detectors

INORGANIC POLYMERS [01]
BT1 Polymers

INOSINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Hypoxanthine

INOSITOL [01]
UF *I-Inositol*
BT1 Inositols
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT1 Lipotropic Factors
RT Phytic Acid

INOSITOLS [01]
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Inositol
RT Hydroxy Compounds

Input-Output
DA May 1979
SEE Material Balance

INPUT-OUTPUT ANALYSIS
DA April 1978
BT1 Economic Analysis
BT2 Economics
RT Developing Countries
RT Economy
RT Energy Analysis
RT Regional Analysis
DEF Economic analysis in which the interdependence of an economy'$\mu\ \Xi_3\omega^+\Lambda\Sigma\mu$ $^-\omega\Lambda_6\Sigma_5\pi^+\Xi_7\mu_{75}\pi\Lambda\omega\mu\ ^+\mu$ $\Lambda_4\mu_7\omega\Xi_{76\ 4}$● $\Xi^+{}_7{}'^+\Omega_9\ \pi=_7$ $^-\omega\Lambda_6\Sigma_5\pi\ \Lambda_{8\ 735}= {}^+\Omega_6\Sigma\mu\pi\omega$● $_4\Lambda\pi=\ _3\mu\ _3\ _5\Lambda\Delta\Delta\Lambda_6{}^+\pi$● $_{67}\Delta_3\Omega_{676\ 8}\Lambda\omega\ _8{}^+\Omega_3\gamma$ $_5\Lambda\Omega\mu\Sigma\Delta^-\pi^+\Lambda\Omega\ _3\Omega_6\ _3\mu\ _3$ $_{835}\pi\Lambda\omega\ {}^+\Omega\ \pi=_7\ ^-\omega\Lambda_6\Sigma_5\pi^+\Lambda\Omega$ $\Lambda_8\ {}^+\pi\mu_7\gamma_8\ _3\Omega_6\ \Lambda\pi=_7\omega\ _9\Lambda\Lambda_6\mu\rightleftharpoons$

Input Well
DA March 1976
USE Injection Wells

INSECT DISPERSAL [01]
UF *Dispersal (Insect)*
RT Behavior
RT Insects
RT Sterile Insect Release
RT Sterile Male Technique

INSECTICIDES [01]
BT1 Pesticides
NT1 Aldrin
NT1 DDT
NT1 Dieldrin
NT1 Kepone
NT1 Lindane
NT1 Malathion
NT1 Parathion
RT Insects

INSECTS [01]
UF *Ants*
UF *Bees*
UF *Entomology*
UF+ *Caste (Insects)*
BT1 Arthropods
BT2 Invertebrates
BT3 Animals
NT1 Beetles
NT2 Boll Weevil
NT2 Tribolium
NT1 Cockroaches
NT1 Flies
NT2 Fruit Flies
NT3 Ceratitis Capitata
NT3 Dacus
NT4 Dacus Oleae
NT3 Drosophila
NT3 Rhagoletis Cerasi
NT2 Glossina
NT2 Hylemya Antiqua
NT2 Screwworm Fly
NT1 Grasshoppers
NT1 Hemiptera
NT2 Aphids
NT1 Locusts
NT1 Mosquitoes
NT1 Moths
NT2 Bollworm
NT2 Codling Moth
NT2 Lymantria Dispar
NT2 Rice Stem Borers
NT1 Silkworm
NT1 Wasps
NT2 Habrobracon
RT Chemoreceptors
RT Disease Vectors
RT Genetic Control
RT Grain Disinfestation
RT Insect Dispersal
RT Insecticides
RT Larvae
RT Mass Rearing
RT Parasites
RT Pest Control
RT Pest Eradication
RT Pheromone
RT Pupae
RT Radiodisinfestation
RT Rearing
RT Rickettsiae
RT Royal Jelly
RT Sterile Male Technique

INSOLATION
DA April 1975

RT Solar Flux
RT Solar Radiation
RT Solar Simulators

INSPECTION [01]
UF *Control (Inspection)*
NT1 In-Service Inspection
RT Accuracy
RT Calibration
RT Ges Fuer Reaktorsicherheit
RT Legal Aspects
RT Licensing
RT Materials Testing
RT Nondestructive Testing
RT Performance Testing
RT Preventive Medicine
RT Quality Control
RT Radiation Monitoring
RT Radiation Protection
RT Reactor Maintenance
RT Recommendations
RT Safeguards
RT Sampling
RT Specifications
RT Testing

Inst V Kernph Onder Amsterdam
DA September 1978
USE IKO

INSTABILITY [01]
NT1 Combustion Instability
NT1 Flute Instability
NT1 Plasma Instability
NT2 Absolute Instabilities
NT2 Convective Instabilities
NT2 Decay Instability
NT2 Explosive Instability
NT2 Gravitational Instability
NT2 Plasma Macroinstabilities
NT3 Ballooning Instability
NT3 Helical Instability
NT3 Helmholtz Instability
NT3 Kink Instability
NT3 Parametric Instabilities
NT3 Sausage Instability
NT3 Tearing Instability
NT3 Trapped-Particle Instability
NT2 Plasma Microinstabilities
NT3 Bump-in-Tail Instability
NT3 Cyclotron Instability
NT3 Drift Instability
NT3 Hose Instability
NT3 Ion Wave Instability
NT3 Loss Cone Instability
NT3 Negative Mass Instability
NT3 Two-Stream Instability
NT1 Rayleigh-Taylor Instability
RT Stability

INSTABILITY GROWTH RATES [01]
RT Plasma Instability

INSTALLATION
DA May 1976
RT Construction

INSTANTONS [01]
DA November 1977
UF *Pseudoparticles*
BT1 Quasi Particles
RT Field Equations
RT Lattice Field Theory
RT Merons
RT Quantum Chromodynamics
RT Solitons
RT Vacuum States
DEF Finite action solutions to Euclidean field equations, localized in time and space, which can give rise to tunneling processes between classical vacua, have a role in quark confinement, and may be relevant in infrared behavior of field theories.

Institute for Reactor Safety
DA October 1977
USE Ges Fuer Reaktorsicherheit

INSTITUTIONAL FACTORS
DA May 1979
NT1 Political Aspects
NT1 Socio-Economic Factors
RT Government Policies
RT Legal Incentives
RT Public Policy

Instituto de Asuntos Nucleares R1
USE IAN-R1 Reactor

Instituto de Energia Atomica R1
USE IEAR-1 Reactor

Instituto Engenhoria Nuclear Rio Reactor
USE RIEN-1 Reactor

Instruments (Measuring)
USE Measuring Instruments

Insulating Limiters
DA April 1975
USE Limiters

Insulation (Electrical)
DA June 1977
USE Electrical Insulation

Insulation (Thermal)
USE Thermal Insulation

Insulators (Electrical)
USE Electrical Insulators

INSULIN [01]
BT1 Peptide Hormones
BT2 Hormones
RT Diabetes Mellitus
RT Glucose
RT Metabolism
RT Pancreas

INSURANCE [01]
UF *Marine Insurance*
UF *Transport Insurance*
NT1 Nuclear Insurance
RT Accidents
RT Hazards
RT Legal Aspects
RT Liabilities
RT Victims Compensation

INTAKE [01]
NT1 Chronic Intake
NT1 Infusion
NT1 Ingestion
NT1 Inhalation
NT1 Injection
NT2 Intramuscular Injection
NT2 Intraperitoneal Injection
NT2 Intravenous Injection
NT2 Subcutaneous Injection
NT1 Rectal Administration
NT1 Single Intake
RT Maximum Permissible Intake
RT Radionuclide Administration
RT Radionuclide Kinetics
RT Uptake

INTAKE CANALS
DA January 1975
RT Auxiliary Water Systems
RT Intake Structures

INTAKE STRUCTURES
DA January 1975
BT1 Mechanical Structures
RT Impingement
RT Intake Canals
RT Screens

INTEGRAL CALCULUS [01]
DA June 1975
UF+ *Residues (Mathematical)*
BT1 Mathematics

INTEGRAL CROSS SECTIONS [01]
DA June 1976
BT1 Cross Sections

INTEGRAL DOSES [01]
BT1 Radiation Doses
BT2 Doses
RT CUEX
RT Maximum Permissible Exposure
RT Spatial Dose Distributions
RT Temporal Dose Distributions

INTEGRAL EQUATIONS [01]
BT1 Equations
NT1 Blankenbecler-Sugar Equations
NT1 Fredholm Equation
NT1 Lippmann-Schwinger Equation
NT1 Quasipotential Equation
NT1 Volterra Integral Equations
RT Differential Equations
RT Integrals
RT Kernels
RT Mathematics
RT Point Kernels

INTEGRAL PAC [01]
BT1 Perturbed Angular Correlation
BT2 Angular Correlation
BT3 Correlations

INTEGRAL TRANSFORMATIONS [01]
BT1 Transformations
NT1 Fourier Transformation
NT1 Hankel Transform
NT1 Hilbert Transformation
NT1 Laplace Transformation
NT1 Mellin Transform
RT Integrals
RT Mathematics

INTEGRALS [01]
NT1 Collision Integrals
NT1 Feynman Path Integral
NT1 Resonance Integrals
NT1 Sommerfeld Integrals
NT1 Talmi Integrals
RT Integral Equations
RT Integral Transformations
RT Mathematics
RT Quadratures
RT Sievert Unit

INTEGRATED CIRCUITS [01]
BT1 Microelectronic Circuits
BT2 Electronic Circuits

Integrated Community Energy Systems
DA June 1977
USE ICES

INTEGRATED COOLING SYSTEMS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components

Integrated Energy Utility Systems
DA December 1978
USE IEUS

Integrated Utility Systems
DA September 1977
USE Total Energy Systems

Integrators (Pulse)
USE Pulse Integrators

Intense Neutron Generator Linac
USE ING Linac

Intensifiers (Image)
USE Image Intensifiers

INTERACTING BOSON MODEL [01]
BT1 Shell Models
BT2 Nuclear Models
BT3 Mathematical Models
RT Bosons
RT Nuclear Structure

INTERACTION RANGE [01]
UF *Long-Range Interactions*
UF *Short-Range Interactions*
BT1 Distance
RT Interactions

INTERACTIONS [01]
(For elementary particles and radiations only; not for CONFIGURATION INTERACTION.)

NT1 Basic Interactions
NT2 Electromagnetic Interactions
NT3 Annihilation
NT3 Compton Effect
NT3 Coulomb Scattering
NT3 Electroproduction
NT3 Photon-Hadron Interactions
NT4 Photon-Baryon Interactions
NT5 Photon-Hyperon Interactions
NT5 Photon-Nucleon Interactions
NT6 Photon-Neutron Interactions
NT6 Photon-Proton Interactions
NT4 Photon-Deuteron Interactions
NT4 Photon-Meson Interactions
NT3 Photon-Photon Interactions
NT3 Photoproduction
NT4 Primakoff Effect
NT3 Umklapp Processes
NT2 Gravitational Interactions
NT2 Strong Interactions
NT3 Charge-Exchange Interactions
NT3 Peripheral Collisions
NT2 Weak Interactions
NT3 Fermi Interactions
NT3 Leptonic Decay
NT1 Configuration Mixing
NT1 Exchange Interactions
NT1 Final-State Interactions
NT1 Finite-Range Interactions
NT1 Pair Production
NT2 Internal Pair Production
NT1 Pairing Interactions
*NT1 Particle Interactions
NT1 Residual Interactions
RT ABC Effect
RT Beam Luminosity
RT Capture
RT Capture-to-Fission Ratio
RT Colliding Beams
RT Collisions
RT Coupling
RT Decay
RT Effective Range Theory
RT Electron-Ion Coupling
RT Interaction Range
RT Lorentz Force
RT Nuclear Molecules
RT Nucleon-Nucleon Potential
RT Pomeranchuk Theorem
RT Scattering
RT Selection Rules
RT Threshold Energy
RT Transverse Momentum
RT Wolfenstein Parameters

INTERACTIVE DISPLAY DEVICES [01]
UF *Interactive Graphics*
BT1 Display Devices
RT Computer Graphics

Interactive Graphics
USE Interactive Display Devices

INTERATOMIC DISTANCES [01]
BT1 Distance
RT Molecular Structure

INTERATOMIC FORCES [01]
RT Buckingham Potential
RT Lennard-Jones Potential
RT Morse Potential
RT Potentials

Intercalates
DA August 1977
USE Clathrates

Interchange Instability
USE Flute Instability

INTERCHANGEABILITY
DA September 1977
RT Compatibility
RT Energy Conservation
RT Energy Sources
RT Fuel Substitution
RT Fuels
RT Materials
RT Resource Conservation
DEF Ability to substitute one energy source, fuel, or material for another for conservation or to relieve scarcity.

INTERCONNECTED POWER SYSTEMS
DA May 1979
BT1 Power Systems
RT Electric Utilities
RT Power Factor
RT Power Generation
RT Power Transmission
DEF A system consisting of two or more individual power systems normally operating with interconnecting tie lines enabling each system to draw on the others reserves in time of need or for economic reasons.

Intercrystalline Corrosion
USE Intergranular Corrosion

INTEREM DEVICE [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

INTEREST RATE
DA June 1978
UF *Discount Rate*
RT Charges
RT Financing
RT Investment

INTERFACES [01]
RT Surfaces

Interfaces (Equipment)
USE Equipment Interfaces

INTERFERENCE [01]
RT Radio Noise
RT Wave Propagation

INTERFERING ELEMENTS [01]
RT Impurities

INTERFEROMETERS [01]
BT1 Measuring Instruments
NT1 Fabry-Perot Interferometer
NT1 Mach-Zehnder Interferometer
NT1 Michelson Interferometer
RT Interferometry
RT Radio Telescopes
RT Spectrometers
RT SQUID Devices

INTERFEROMETRY [01]
RT Interferometers

INTERFERON [01]
RT Immunity
RT Viruses

INTERGALACTIC SPACE [01]
BT1 Space
RT Universe

INTERGRANULAR CORROSION [01]
UF *Intercrystalline Corrosion*
BT1 Corrosion
BT2 Chemical Reactions
RT Grain Boundaries

INTERKOSMOS SATELLITES [01]
BT1 Satellites
RT Kosmos Satellites
RT Proton Satellites

INTERLOCKS
DA January 1975
BT1 Reactor Control Systems
BT2 Control Systems

INTERMEDIATE BOSONS [01]
UF *W Boson*
UF *Weak Boson*
BT1 Bosons
BT1 Postulated Particles
BT2 Elementary Particles
NT1 Higgs Bosons
NT1 Intermediate Vector Bosons

INTERMEDIATE BTU GAS (250 to 900 Btu/ft^3.)
DA January 1975
UF *Gobar Gas*
BT1 Fuel Gas
BT2 Energy Sources
BT2 Gas Fuels
BT3 Fuels
BT2 Gases
BT3 Fluids
NT1 Carburetted Water Gas
NT1 Town Gas
NT1 Water Gas

INTERMEDIATE COUPLING [01]
BT1 Coupling
NT1 J-J Coupling
NT1 L-S Coupling
RT Tomonaga Approximation

Intermediate Coupling Approximation
USE Tomonaga Approximation

Intermediate Image Spectrometer
USE Magnetic Lens Spectrometers

INTERMEDIATE INFRARED RADIATION [01]
DA June 1976
BT1 Infrared Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

INTERMEDIATE-LEVEL RADIOACTIVE WASTES [01]
DA January 1978
BT1 Radioactive Wastes
BT2 Radioactive Materials
BT2 Wastes
RT High-Level Radioactive Wastes
RT Low-Level Radioactive Wastes
DEF Waste containing $5x10^{-5}$ to 100 microcuries/milliliter of radioactivity.

***INTERMEDIATE MASS NUCLEI [01]**
(For nuclei with mass 41-180; for specific terms consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

INTERMEDIATE NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Resonance Neutrons

INTERMEDIATE REACTORS [01]
BT1 Epithermal Reactors
BT2 Reactors
NT1 THOR Reactor
RT Resonance Neutrons

INTERMEDIATE RESONANCE [01]
BT1 Resonance
RT Cross Sections
RT Intermediate Structure
RT Nuclear Reactions

INTERMEDIATE STATE
DA June 1975
RT Superconductivity
DEF A state of partial superconductivity that occurs when a magnetic field of appropriate strength is applied to a superconducting material below its critical temperature.

INTERMEDIATE STRUCTURE [01]
RT Cross Sections
RT Intermediate Resonance
RT Nuclear Reactions

Intermediate Technology
DA June 1978

USE Appropriate Technology

INTERMEDIATE VECTOR BOSONS [01]
BT1 Intermediate Bosons
BT2 Bosons
BT2 Postulated Particles
BT3 Elementary Particles

INTERMETALLIC COMPOUNDS [01]
BT1 Alloys
NT1 Cementite
RT Arsenides
RT Borides
RT Laves Phases
RT Selenides
RT Semimetals
RT Silicides
RT Tellurides

INTERMOLECULAR FORCES [01]
RT Binding Energy
RT Potentials
RT Van der Waals Forces

INTERNAL BREMSSTRAHLUNG [01]
UF *Inner Bremsstrahlung*
BT1 Bremsstrahlung
BT2 Electromagnetic Radiation
BT3 Radiations

INTERNAL COMBUSTION ENGINES
DA January 1975
UF *Gas Engines*
UF *Gasoline Engines*
BT1 Engines
NT1 Diesel Engines
NT1 Gas Turbine Engines
NT1 Ramjet Engines
NT1 Rotary Engines
NT2 Wankel Engines
NT1 Spark Ignition Engines
NT2 Wankel Engines
NT1 Stratified Charge Engines
RT AAPS
RT Carburetors
RT Exhaust Gases
RT PCV Systems
RT Pistons
RT Superchargers

Internal Contamination
USE Radionuclide Kinetics

INTERNAL CONVERSION [01]
BT1 Conversion
BT1 Decay
NT1 K Conversion
NT1 L Conversion
NT1 M Conversion
RT Energy Levels
RT Internal Conversion Radioisotopes
RT Internal Pair Production

***INTERNAL CONVERSION RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Internal Conversion

INTERNAL ELECTROMAGNETIC PULSES [01]
BT1 Electromagnetic Pulses
BT2 Electromagnetic Radiation
BT3 Radiations
RT Electron Emission

INTERNAL FRICTION [01]
UF *Friction (Internal)*
BT1 Friction
RT Bordoni Peak
RT Crystal Defects
RT Damping
RT Hysteresis
RT Viscosity

INTERNAL IONIZATION [01]
BT1 Ionization
RT Beta Decay

INTERNAL IRRADIATION [01]
UF+ *Absorbed Fraction (Internal Irradiation)*
UF+ *Effective Energy (Internal Irradiation)*
BT1 Irradiation
RT Dose Commitments
RT Radiation Source Implants
RT Radionuclide Kinetics
RT Unsealed Sources

Internal Medicine
USE Medicine

INTERNAL PAIR PRODUCTION [01]
BT1 Pair Production
BT2 Interactions
RT Decay
RT Internal Conversion

Internal Revenue Service
DA April 1978
USE US IRS

INTERNAL RING DEVICES [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices
NT1 FM Devices
NT1 Levitron Devices
NT1 LM Devices
NT1 Spherator
NT1 Stator-B Device
NT1 Tokapole Devices
NT1 Tornado Devices
RT Minimum Average-B Configurations
RT Multipolar Configurations

INTERNATIONAL AGREEMENTS [01]
(Including agreements involving international organizations.)
BT1 Agreements
NT1 Atomic Energy Agreements
NT1 BCOCLMCNM
NT1 BCOLONS
NT1 BCSTPC
NT1 Bilateral Agreements
NT1 IAEA Agreements
NT1 Multilateral Agreements
NT1 PCOTPL
NT1 SOLAS Convention
NT1 VCOCLND
RT Coordinated Research Programs
RT Foreign Policy
RT International Cooperation
RT North Star Project

International Atomic Energy Agency
USE IAEA

International Commission Radiation Units
USE ICRU

International Commission Radiological Protection
USE ICRP

INTERNATIONAL CONTROL [01]
BT1 Atomic Energy Control
RT International Cooperation

INTERNATIONAL COOPERATION [01]
RT Coordinated Research Programs
RT Embargoes
RT Foreign Policy
RT International Agreements
RT International Control
RT International Nuclear Data Committee
RT International Organizations
RT Multinational Enterprises
RT Multinational Ownership

INTERNATIONAL ENERGY AGENCY [01]
DA March 1976
UF *IEA*
RT International Organizations
RT OECD

INTERNATIONAL GEOPHYSICAL YEAR [01]
UF *IGY*
RT Geophysics
RT Sun

International Labour Organization
USE ILO

INTERNATIONAL LAWS
BT1 Laws
RT Treaties

INTERNATIONAL MAGNETOSOPHERIC STUDY
(The study covers the years 1976-1978.)
DA October 1977
UF *IMS*
RT Geomagnetic Field
RT Magnetosphere

International Maritime Consultative Organization
USE IMCO

INTERNATIONAL NUCLEAR DATA COMMITTEE
DA January 1978
BT1 International Organizations
RT International Cooperation
RT Nuclear Data Collections

International Nuclear Information System
USE INIS

INTERNATIONAL ORGANIZATIONS [01]
NT1 CCMS
NT1 CERN
NT1 COMECON
NT1 ESARDA
NT1 ESRO
NT1 EURODIF
NT1 European Communities
NT2 Common Market
NT2 ECSC
NT2 EURATOM
NT1 FAO
NT1 Foratom
NT1 IAEA
NT1 ICRP
NT1 ICRU
NT1 ILO
NT1 IMCO
NT1 International Nuclear Data Committee
NT1 IRPA
NT1 ISO
NT1 JINR
NT1 NATO
NT1 OAPEC
NT1 OAS
NT1 OECD
NT2 NEA
NT3 ENEA
NT1 OPEC
NT1 UNESCO
NT1 United Nations
NT2 UNSCEAR
NT1 Uranium Institute
NT1 WHO
RT Coordinated Research Programs
RT International Cooperation
RT International Energy Agency
RT Member States

INTERNATIONAL QUIET SUN YEAR [01]
UF *IQSY*
RT Sun

INTERNATIONAL REGULATIONS [01]
DA September 1976
BT1 Regulations
NT1 OECD MCMSDRW

International Standard Organization
USE ISO

INTERPLANETARY MAGNETIC FIELDS [01]
BT1 Magnetic Fields
RT Interplanetary Space

INTERPLANETARY SPACE [01]
BT1 Space
RT Geocorona
RT Interplanetary Magnetic Fields
RT Interstellar Magnetic Fields
RT Solar System
RT Zodiacal Light

INTERPOLATION [01]
BT1 Numerical Solution
RT Extrapolation
RT Mathematics
RT Spline Functions

Intersecting Beams
USE Colliding Beams

Intersecting Storage Accelerator
USE Isabelle Storage Rings

INTERSTELLAR GRAINS [01]
BT1 Particles
RT Cosmic Dust
RT Cosmic Gases
RT Star Accretion

INTERSTELLAR MAGNETIC FIELDS [01]
DA April 1975
BT1 Magnetic Fields
RT Interplanetary Space

INTERSTELLAR SPACE [01]
BT1 Space
RT Cosmic Dust
RT Cosmic Gases
RT Milky Way
RT Star Accretion

Interstitial Cell Stim Hormone
USE LH

INTERSTITIAL WATER
DA August 1976
UF *Formation Water*
BT1 Ground Water
BT2 Water
BT3 Hydrogen Compounds
BT3 Oxygen Compounds
NT1 Connate Water
RT Natural Gas Wells
RT Oil Wells
RT Reservoir Rock
RT Sandstones
DEF Subsurface water contained in pore spaces between the grains of rock and sediments.

INTERSTITIALS [01]
BT1 Point Defects
BT2 Crystal Defects
BT3 Crystal Structure
NT1 I Centers
RT Crowdions
RT Varley Mechanism

Interuniversitair Reactor Instituut
DA May 1976
USE IRI

INTERVENORS
DA September 1977
RT Adversaries
RT Decision Making
RT Legal Aspects

INTESTINAL ABSORPTION [01]
UF *Absorption (Intestinal)*
BT1 Uptake
RT Digestion
RT Ingestion
RT Oral Administration
RT Portal System
RT Rectal Administration
RT Small Intestine

INTESTINES [01]
BT1 Gastrointestinal Tract
BT2 Digestive System
BT1 Organs
BT2 Body
NT1 Large Intestine
NT2 Rectum
NT1 Small Intestine
RT Aerobacter
RT Ascaridae
RT Constipation
RT Crypt Cells
RT Diarrhea
RT Enteritis
RT Escherichia Coli
RT Paratyphoid
RT Portal System

INTRACELLULAR DIGESTION [01]
BT1 Digestion
RT Animal Cells
RT Phagocytosis

INTRAMUSCULAR INJECTION [01]
BT1 Injection
BT2 Intake

Intranuclear Cascades
USE Nuclear Cascades

INTRAPERITONEAL INJECTION [01]
BT1 Injection
BT2 Intake
RT Peritoneum

INTRATRACHEAL ADMINISTRATION [01]
RT Inhalation
RT Radionuclide Administration
RT Trachea

INTRAVENOUS INJECTION [01]
BT1 Injection
BT2 Intake
RT Veins

INTRINSIC FACTOR [01]
BT1 Mucoproteins
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT2 Proteins
BT3 Organic Compounds
RT Anemias
RT Hormones
RT Stomach
RT Vitamin B-12

INTRUSION
DA April 1978
RT Igneous Rocks
RT Magma
DEF The process of emplacement of magma in pre-existing rock; magmatic activity; also the igneous rock mass so formed within the surrounding rock.

INULIN [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Polyacetals

INVAR [01]
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys

INVARIANCE PRINCIPLES [01]
NT1 C Invariance
NT1 Charge Independence
NT1 Conformal Invariance
NT1 CP Invariance
NT1 CPT Theorem
NT1 G-Parity Invariance
NT1 Gauge Invariance
NT1 Lorentz Invariance
NT1 P Invariance
NT1 Rotational Invariance
NT1 Scale Invariance
NT1 T Invariance
NT2 Detailed Balance Principle
RT Adiabatic Invariance
RT Basic Interactions
RT Conservation Laws
RT Goldstone Bosons
RT Symmetry

INVARIANT IMBEDDING [01]
RT Geometry
RT Topology
RT Transport Theory

INVENTORIES [01]
UF *Stocks*
RT Accounting
RT Losses
RT Material Balance
RT Material Unaccounted For
RT Storage

Inverse Pinch Devices (Linear)
USE Linear Hard Core Pinch Devices

INVERSE SCATTERING PROBLEM [01]
RT Scattering
DEF Problem of determining scattering potential from phase shifts.

INVERTEBRATES [01]
BT1 Animals
NT1 Annelids
NT1 Arthropods
NT2 Arachnids
NT3 Mites
NT3 Scorpions
NT3 Spiders
NT3 Ticks
NT2 Crustaceans
NT3 Artemia
NT3 Copepods
NT3 Daphnia
NT3 Lobsters
NT3 Prawns
NT3 Shrimp
NT2 Insects
NT3 Beetles
NT4 Boll Weevil
NT4 Tribolium
NT3 Cockroaches
NT3 Flies
NT4 Fruit Flies
NT5 Ceratitis Capitata
NT5 Dacus
NT6 Dacus Oleae
NT5 Drosophila
NT5 Rhagoletis Cerasi
NT4 Glossina
NT4 Hylemya Antiqua
NT4 Screwworm Fly
NT3 Grasshoppers
NT3 Hemiptera
NT4 Aphids
NT3 Locusts
NT3 Mosquitoes
NT3 Moths
NT4 Bollworm
NT4 Codling Moth
NT4 Lymantria Dispar
NT4 Rice Stem Borers
NT3 Silkworm
NT3 Wasps
NT4 Habrobracon
NT1 Cnidaria
NT2 Corals
NT2 Hydra
NT1 Echinoderms
NT2 Sea Urchins
NT1 Molluscs
NT2 Oysters
NT2 Snails
NT1 Nematodes
NT2 Ascaridae
NT2 Ascaris
NT2 Dictyocaulus
NT2 Hookworm
NT2 Nippostrongylus
NT2 Syngamus
NT2 Trichinella

NT1 Platyhelminths
NT2 Cestodes
NT3 Hymenolepis
NT2 Trematodes
NT3 Fasciola
NT3 Hymenolepis
NT3 Schistosoma
NT2 Turbellaria
NT3 Planaria
NT1 Protozoa
NT2 Amoeba
NT2 Babesidae
NT2 Foraminifera
NT2 Paramecium
NT2 Plasmodium
NT2 Tetrahymena
NT2 Trypanosoma
NT2 Trypanosomes

INVERTERS [01]
DA August 1975
UF *DC to AC Inverters*
BT1 Electrical Equipment
BT2 Equipment
RT DC to DC Converters
RT Power Conditioning Circuits
RT Power Supplies

INVESTMENT [01]
RT Capital
RT Cost
RT Economics
RT Financing
RT Interest Rate
RT Payback Period
RT Property Values

Inviscid Flow
DA June 1975
USE Ideal Flow

INVOICES [01]
RT Accounting

IODATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Iodine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

Iodex Process
DA February 1975
USE Iodox Process

IODIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

IODIDES [01]
BT1 Halides
BT2 Halogen Compounds
BT1 Iodine Compounds
BT2 Halogen Compounds
NT1 Aluminium Iodides
NT1 Americium Iodides
NT1 Antimony Iodides
NT1 Argon Iodides
NT1 Arsenic Iodides
NT1 Astatine Iodides
NT1 Barium Iodides
NT1 Berkelium Iodides
NT1 Beryllium Iodides
NT1 Bismuth Iodides
NT1 Boron Iodides
NT1 Cadmium Iodides
NT1 Calcium Iodides
NT1 Californium Iodides
NT1 Cerium Iodides
NT1 Cesium Iodides
NT1 Chromium Iodides
NT1 Cobalt Iodides
NT1 Copper Iodides
NT1 Dysprosium Iodides
NT1 Einsteinium Iodides
NT1 Erbium Iodides
NT1 Europium Iodides
NT1 Francium Iodides
NT1 Gadolinium Iodides
NT1 Gallium Iodides
NT1 Germanium Iodides
NT1 Gold Iodides
NT1 Hafnium Iodides
NT1 Holmium Iodides
NT1 Indium Iodides
NT1 Iron Iodides
NT1 Lanthanum Iodides
NT1 Lead Iodides
NT1 Lithium Iodides
NT1 Lutetium Iodides
NT1 Magnesium Iodides
NT1 Manganese Iodides
NT1 Mercury Iodides
NT1 Molybdenum Iodides
NT1 Neodymium Iodides
NT1 Neon Iodides
NT1 Neptunium Iodides
NT1 Nickel Iodides
NT1 Niobium Iodides
NT1 Nitrogen Iodides
NT1 Palladium Iodides
NT1 Phosphorus Iodides
NT1 Platinum Iodides
NT1 Plutonium Iodides
NT1 Polonium Iodides
NT1 Potassium Iodides
NT1 Praseodymium Iodides
NT1 Promethium Iodides
NT1 Protactinium Iodides
NT1 Rhenium Iodides
NT1 Rubidium Iodides
NT1 Samarium Iodides
NT1 Scandium Iodides
NT1 Selenium Iodides
NT1 Silicon Iodides
NT1 Silver Iodides
NT1 Sodium Iodides
NT1 Strontium Iodides
NT1 Tantalum Iodides
NT1 Technetium Iodides
NT1 Tellurium Iodides
NT1 Terbium Iodides
NT1 Thallium Iodides
NT1 Thorium Iodides
NT1 Thulium Iodides
NT1 Tin Iodides
NT1 Titanium Iodides
NT1 Tungsten Iodides
NT1 Uranium Iodides
NT1 Vanadium Iodides
NT1 Xenon Iodides
NT1 Ytterbium Iodides
NT1 Yttrium Iodides
NT1 Zinc Iodides
NT1 Zirconium Iodides
RT Hydriodic Acid
RT Oxyiodides

IODINATED ALICYCLIC HYDROCARBONS
DA February 1975
BT1 Halogenated Alicyclic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

IODINATED ALIPHATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aliphatic Hydrocarbons
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
NT1 Iodoform
NT1 Methyl Iodide

IODINATED AROMATIC HYDROCARBONS
DA February 1975
BT1 Halogenated Aromatic Hydrocarbons
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

IODINATION [01]
BT1 Halogenation
BT2 Chemical Reactions
RT Deiodination

IODINE [01]
UF *Iodine Iodides*
BT1 Halogens
BT2 Nonmetals
BT3 Elements
RT Iodine Additions
RT Iodox Process
RT Lugol
RT Thyroglobulin
RT Thyroid
RT Thyroid Hormones

IODINE 110 [01]
DA April 1978
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 111 [01]
DA April 1978
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 112 [01]
DA April 1978
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 113 [01]
DA April 1978
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 114 [01]
DA March 1978
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 115 [01]
DA January 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei

BT2 Nuclei

IODINE 116 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 117 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 118 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 119 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 120 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 121 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 122 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 123 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 124 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 125 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 126 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 127 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

IODINE 128 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 129 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 130 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 131 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 132 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 133 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 134 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 135 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE 136 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 137 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 138 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 139 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IODINE 140 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IODINE 141 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iodine Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IODINE ADDITIONS [01]
DA September 1976
RT Iodine

IODINE 127 BEAMS [01]
DA May 1979
BT1 Ion Beams
BT2 Beams

IODINE BROMIDES [01]
UF *Bromine Iodides*
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodine Compounds
BT2 Halogen Compounds

IODINE CHLORIDES [01]
UF *Chlorine Iodides*
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodine Compounds
BT2 Halogen Compounds

IODINE COMPLEXES [01]
BT1 Complexes

IODINE COMPOUNDS [01]
BT1 Halogen Compounds
NT1 Hydriodic Acid
NT1 Iodates
***NT1** Iodides
NT1 Iodine Bromides
NT1 Iodine Chlorides
NT1 Iodine Fluorides
NT1 Iodine Oxides
NT1 Oxyiodides
NT1 Periodates
RT Organic Iodine Compounds

IODINE FLUORIDES [01]
UF *Fluorine Iodides*
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iodine Compounds
BT2 Halogen Compounds

Iodine Iodides
USE Iodine

IODINE IONS [01]
BT1 Ions
BT2 Charged Particles

IODINE ISOTOPES [01]
NT1 Iodine 110
NT1 Iodine 111
NT1 Iodine 112
NT1 Iodine 113
NT1 Iodine 114
NT1 Iodine 115
NT1 Iodine 116
NT1 Iodine 117
NT1 Iodine 118
NT1 Iodine 119
NT1 Iodine 120
NT1 Iodine 121
NT1 Iodine 122
NT1 Iodine 123
NT1 Iodine 124
NT1 Iodine 125
NT1 Iodine 126
NT1 Iodine 127
NT1 Iodine 128
NT1 Iodine 129
NT1 Iodine 130
NT1 Iodine 131
NT1 Iodine 132
NT1 Iodine 133
NT1 Iodine 134
NT1 Iodine 135
NT1 Iodine 136
NT1 Iodine 137
NT1 Iodine 138
NT1 Iodine 139
NT1 Iodine 140
NT1 Iodine 141

IODINE NUMBER
DA April 1975
RT Chemical Composition
DEF A measure of the unsaturation of a substance (as an oil or fat).

IODINE OXIDES [01]
BT1 Iodine Compounds
BT2 Halogen Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

IODINE 127 TARGET [01]
DA July 1976
BT1 Targets

IODINE 129 TARGET [01]
DA July 1976
BT1 Targets

IODODEOXYURIDINE [01]
DA May 1975
UF *IUDR*
BT1 Iodouracils
BT2 Antimetabolites
BT3 Antimitotic Drugs
BT4 Drugs
BT2 Organic Iodine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Uracils
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Pyrimidines
BT4 Azines
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
RT Deoxyuridine

IODOFORM [01]
BT1 Iodinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Iodine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

IODOMETRY [01]
BT1 Titration

RT Quantitative Chemical Analysis

Iodopyracet
USE Diodrast

IODOURACILS [01]
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
NT1 Iododeoxyuridine

IODOX PROCESS [01]
DA January 1975
UF *Iodex Process*
BT1 Radioactive Waste Processing
BT2 Waste Processing
BT3 Processing
BT3 Waste Management
BT4 Management
RT Iodine
RT Reprocessing

IOGLYCAMIC ACID [01]
DA December 1975
BT1 Acetamide
BT2 Amides
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Contrast Media
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

ION ACOUSTIC WAVES [01]
(Non-dispersive ion waves)
UF *Non-Dispersive Ion Waves*
BT1 Ion Waves
BT2 Plasma Waves
RT Sonic Probes

ION-ATOM COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
BT1 Ion Collisions
BT2 Collisions
RT Electron-Promotion Model

ION BEAM INJECTION [01]
BT1 Beam Injection
NT1 Molecular Ion Beam Injection

ION BEAM TARGETS
DA September 1978
BT1 Targets
RT Inertial Confinement
RT Thermonuclear Fuels

Ion Beam Type Reactors
DA September 1976
USE I-Beam Type Reactors

ION BEAMS [01]
BT1 Beams
NT1 Aluminium 27 Beams
NT1 Argon 40 Beams
NT1 Beryllium 7 Beams
NT1 Beryllium 9 Beams
NT1 Boron 10 Beams
NT1 Boron 11 Beams
NT1 Bromine 79 Beams
NT1 Calcium 40 Beams
NT1 Calcium 48 Beams
NT1 Carbon 12 Beams
NT1 Carbon 13 Beams
NT1 Carbon 14 Beams
NT1 Chlorine 35 Beams
NT1 Copper 63 Beam
NT1 Copper 63 Beams
NT1 Deuteron Beams
NT1 Fluorine 19 Beams
NT1 Germanium 74 Beams
NT1 Germanium 76 Beams
NT1 Gold 197 Beams
NT1 Helium 3 Beams
NT1 Helium 4 Beams
NT2 Alpha Beams
NT1 Hydrogen 1 Minus Beams
NT1 Iodine 127 Beams
NT1 Iron 56 Beams
NT1 Iron 58 Beams
NT1 Krypton 84 Beams
NT1 Lanthanum 139 Beams
NT1 Lead 208 Beams
NT1 Lithium 6 Beams
NT1 Lithium 7 Beams
NT1 Magnesium 24 Beams
NT1 Neon 20 Beams
NT1 Neon 22 Beams
NT1 Nickel 58 Beams
NT1 Nickel 60 Beams
NT1 Nitrogen 14 Beams
NT1 Oxygen 16 Beams
NT1 Oxygen 18 Beams
NT1 Potassium 39 Beams
NT1 Potassium 41 Beams
NT1 Silicon 28 Beams
NT1 Silver 107 Beams
NT1 Sodium 23 Beams
NT1 Sulfur 32 Beams
NT1 Triton Beams
NT1 Tungsten 184 Beams
NT1 Uranium 238 Beams
NT1 Xenon 129 Beams
NT1 Xenon 131 Beams
NT1 Xenon 132 Beams
NT1 Xenon 136 Beams
RT Anions
RT Beam Strippers
RT Cations
RT Charge Distribution
RT Heavy Ions
RT Ion Implantation
RT Ion Probes
RT Ion Scattering Analysis
RT Ion Spectroscopy
RT Ions
RT Learn Tandem Accelerator
RT Light Ions
RT Migma Devices
RT Particle Beams
RT Sputtering

Ion Blocking
USE Ion Channeling

ION CHANNELING [01]
UF *Ion Blocking*
BT1 Channeling
RT Crystal Lattices
RT Ions

Ion Clusters
USE Ion Pairs

ION COLLISIONS [01]
BT1 Collisions
NT1 Electron-Ion Collisions
NT1 Ion-Atom Collisions
NT1 Ion-Ion Collisions
NT1 Ion-Molecule Collisions
NT1 Photon-Ion Collisions
NT1 Positron-Ion Collisions

Ion Cyclotron-Resonance Heating
USE ICR Heating

ION CYCLOTRON RESONANCE SPECTROSCOPY
DA March 1976
BT1 Ion Spectroscopy
BT2 Spectroscopy
RT Cyclotron Resonance

ION DENSITY [01]
RT Ions

ION DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Heavy Ions
RT Ion Dosimetry
RT Ions
RT Light Ions

ION DOSIMETRY [01]
BT1 Dosimetry
RT Ion Detection

Ion-Drag Accelerators
USE Electron-Ring Accelerators

ION DRIFT [01]
UF *Drift (Ion)*
RT Ambipolar Diffusion
RT Ions

ION EMISSION [01]
RT Field Emission

ION EXCHANGE [01]
UF *Exchange (Ion)*
UF+ *Cation Exchange Capacity*
RT Demineralization
RT Desalination
RT Distribution Functions
RT Ion Exchange Chromatography
RT Separation Processes

ION EXCHANGE CHROMATOGRAPHY [01]
BT1 Chromatography
BT2 Separation Processes
RT Distribution Functions
RT Ion Exchange
RT Ion Exchange Materials
RT Leaching
RT Resins

ION EXCHANGE MATERIALS [01]
UF *Decalso*
UF+ *Ion Exchange Membranes*
NT1 Inorganic Ion Exchangers
NT2 Bentonite
NT2 Montmorillonite
NT2 Mullite
NT2 Vermiculite
NT2 Zeolites
NT3 Analcime
NT3 Clinoptilolite
NT3 Faujasite
NT3 Heulandite
NT3 Laumontite
NT3 Mordenite
NT3 Wairakite
NT1 Liquid Ion Exchangers
NT1 Mixed Bed Ion Exchangers
NT1 Organic Ion Exchangers
NT2 Polystyrene-DVB
RT Anions
RT Cations
RT Graft Polymers
RT Ion Exchange Chromatography
RT Leaching
RT Resins
RT Silica Gel

Ion Exchange Membranes
USE Ion Exchange Materials
AND Membranes

ION IMPLANTATION [01]
RT Crystal Doping
RT Crystals
RT Doped Materials
RT Inclusions
RT Ion Beams
RT Ions
RT Trace Amounts

ION-ION COLLISIONS [01]
BT1 Ion Collisions

BT2 Collisions

ION MICROPROBE ANALYSIS [01]
DA January 1975
UF+ *SIMS*
BT1 Nondestructive Analysis
BT2 Chemical Analysis
RT Ion Probes
RT Microanalysis

ION MICROSCOPES [01]
BT1 Microscopes

ION MICROSCOPY [01]
UF *Field Emission Microscopy*
UF *Field Ion Microscopy*
BT1 Microscopy
RT Field Emission

ION MOBILITY [01]
DA July 1975
BT1 Particle Mobility
BT2 Mobility
RT Ions

ION-MOLECULE COLLISIONS [01]
BT1 Ion Collisions
BT2 Collisions
BT1 Molecule Collisions
BT2 Collisions

ION-NEUTRALIZATION SPECTROSCOPY
DA January 1975
BT1 Spectroscopy

ION PAIRS [01]
UF *Clusters (Ion)*
UF *Ion Clusters*
RT Ions
RT Pair Production

ION PLASMA WAVES [01]
(Dispersive Ion waves)
UF *Dispersive Ion Waves*
BT1 Ion Waves
BT2 Plasma Waves

ION PROBES [01]
BT1 Probes
RT Chemical Analysis
RT Ion Beams
RT Ion Microprobe Analysis
RT Ion Sources
RT Proton Probes
RT Secondary Beams
RT Secondary Emission

ION PROPULSION [01]
DA April 1976
BT1 Propulsion

ION RINGS [01]
DA August 1976
RT Confinement
RT Minimum-B Configurations

ION SCATTERING ANALYSIS [01]
BT1 Nondestructive Analysis
BT2 Chemical Analysis
RT Ion Beams
RT Radiation Scattering Analysis
RT Scattering

ION SELECTIVE ELECTRODE ANALYSIS [01]
DA May 1975
BT1 Chemical Analysis
RT Electrodes

ION SOURCES [01]
NT1 Alpha Sources
NT1 Duoplasmatrons
NT1 Electron Beam Ion Sources
NT1 Penning Ion Sources
NT1 Triplasmatrons
RT Atomic Beam Sources
RT Ion Probes
RT Ions
RT Neutral Beam Sources
RT Particle Sources

ION SPECTROSCOPY [01]
UF *Beam-Foil Spectroscopy*
UF *Beam-Gas Spectroscopy*
BT1 Spectroscopy
NT1 Ion Cyclotron Resonance Spectroscopy
RT Ion Beams

ION TEMPERATURE [01]
UF *Temperature (Ion)*
RT Energy
RT Ions

ION THRUSTERS [01]
DA December 1975
RT Propulsion
RT Surface Ionization

ION WAVE INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability

ION WAVES [01]
BT1 Plasma Waves
NT1 Ion Acoustic Waves
NT1 Ion Plasma Waves

IONIC COMPOSITION [01]
RT Chemical Composition
RT Ionosphere
RT Ions
RT Plasma

IONIC CONDUCTIVITY [01]
BT1 Electric Conductivity
BT2 Electrical Properties
BT3 Physical Properties

IONIC CRYSTALS [01]
BT1 Crystals

IONIC POTENTIAL
DA February 1979
RT Molecular Structure
RT Valence
DEF Valence divided by ionic radius.

Ionic Reactions
USE Chemical Reactions
AND Ions

IONICS ELECTROLYTIC REGENERATION PROCESS
DA April 1977
RT Denitrification
RT Desulfurization
RT Waste Processing
DEF Electrolytic cell technology to convert sodium sulfate solution to caustic and sulfuric acid. Sulfate ions formed by oxidation are purged from the scrubbing loop as dilute sulfuric acid.

IONIZATION [01]
UF *Discharges (Ionization)*
NT1 Autoionization
NT1 Coulomb Ionization
NT1 Inner-Shell Ionization
NT1 Internal Ionization
NT1 Photoionization
NT1 Surface Ionization
NT2 Adiabatic Surface Ionization
RT Beam Neutralization
RT Bragg Curve
RT Buildup
RT Charge Exchange
RT Dissociation
RT Electron Attachment
RT Electron Detachment
RT Electron Loss
RT Energy Absorption
RT Energy Losses
RT Fano Factor
RT Ionization Potential
RT Ionizing Radiations
RT Jesse Effect
RT Kerma
RT LET
RT Penning Effect
RT Plasma Production
RT Radiation Quality
RT Wall Effects

Ionization Calorimeters
DA April 1975
USE Shower Counters

IONIZATION CHAMBERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Boron Coated Ion Chambers
NT1 Bragg Gray Chambers
NT1 Condenser Ionization Chambers
NT1 Extrapolation Chambers
NT1 Fission Chambers
NT1 Liquid Ionization Chambers
NT1 Multiwire Ionization Chambers
NT1 Wall-Less Counters
RT Avalanche Quenching
RT Campbelling Circuits
RT Electron-Capture Detectors
RT Multiwire Proportional Chambers
RT Wall Effects

IONIZATION FRONT ACCELERATORS
DA May 1979
BT1 Collective Accelerators
BT2 Accelerators
DEF Collective effect accelerator that produces controlled motion of a potential well at the head of an intense relativistic electron beam.

IONIZATION GAGES [01]
BT1 Vacuum Gages
BT2 Pressure Gages
BT3 Measuring Instruments
NT1 Bayard-Alpert Gages
NT1 Philips Gages
NT1 Radioactive Ionization Gages

Ionization Loss
USE Energy Losses

IONIZATION POTENTIAL [01]
RT Binding Energy
RT Electric Potential
RT Electronegativity
RT Ionization

IONIZED GASES [01]
BT1 Gases
BT2 Fluids
NT1 Fully Ionized Gases
NT2 Lorentz Gas
NT1 Strongly Ionized Gases
NT1 Weakly Ionized Gases
RT Fokker-Planck Equation
RT Plasma

IONIZING RADIATIONS [01]
BT1 Radiations
NT1 Cosmic Radiation
NT2 Cosmic Electrons
NT2 Cosmic Kaons
NT2 Cosmic Muons
NT2 Cosmic Neutrinos
NT2 Cosmic Neutrons
NT2 Cosmic Nuclei
NT2 Cosmic Photons
NT2 Cosmic Pions
NT2 Cosmic Positrons
NT2 Cosmic Protons
NT2 Hard Component
NT2 Primary Cosmic Radiation
NT3 Cosmic Gamma Bursts
NT2 Secondary Cosmic Radiation
NT3 Cosmic Showers
NT4 Extensive Air Showers
NT2 Soft Component
NT1 Gamma Radiation
NT2 Delayed Gamma Radiation
NT2 Prompt Gamma Radiation
NT1 X Radiation
NT2 Hard X Radiation
NT2 Soft X Radiation
RT Buildup

RT Delta Rays
RT Energy Losses
RT Ionization
RT Mutagens

IONOGRAPHIC IMAGING [01]
DA August 1976
BT1 Biomedical Radiography
BT2 Diagnostic Techniques
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
DEF A process whereby a pattern of electrical charges is formed on a foil by the accumulation of ions from a gas of high atomic number ionized by the incident radiation.

Ionophoresis
USE Electrophoresis

IONOSONDES [01]
BT1 Radio Equipment
BT2 Electronic Equipment
RT Measuring Instruments
RT Space Vehicles

IONOSPHERE [01]
BT1 Earth Atmosphere
BT1 Planetary Ionospheres
NT1 C Region
NT1 D Region
NT1 E Region
NT2 Sporadic E
NT1 F Region
NT2 F1 Layer
NT2 F2 Layer
NT2 Spread F
RT Auroral Hiss
RT Auroral Oval
RT Auroral Zones
RT Critical Frequency
RT Harang Discontinuity
RT Ionic Composition
RT Midday Aurorae
RT Polar-Cap Aurorae
RT Polar Cusp
RT Scale Height
RT Sudden Ionospheric Disturbance
RT Travelling Ionospheric Disturbance
RT Virtual Height

IONOSPHERIC STORMS [01]
DA January 1975
NT1 Sudden Ionospheric Disturbance
NT1 Travelling Ionospheric Disturbance
RT F Region
RT Magnetic Storms

IONS [01]
(Ions in solutions are indexed as compounds; ions in gases by the precoordinated descriptor consisting of the element name and the term ions; ions in beams by assigning either the specific name if available, e.g. ARGON 40 BEAMS or the isotope name together with ION BEAMS.)
UF+ *Ionic Reactions*
BT1 Charged Particles
NT1 Anions
NT2 Heteropolyanions
NT2 Hydrogen Ions 1 Minus
NT1 Argon Ions
*NT1 Atomic Ions
NT1 Bromine Ions
NT1 Cations
NT2 Hydrogen Ions 1 Plus
NT2 Hydrogen Ions 2 Plus
NT2 Hydrogen Ions 3 Plus
NT1 Chlorine Ions
NT1 Deuterium Ions
NT1 Fluorine Ions
NT1 Heavy Ions
NT1 Hydrogen Ions
NT2 Hydrogen Ions 1 Minus
NT2 Hydrogen Ions 1 Plus
NT2 Hydrogen Ions 2 Plus
NT2 Hydrogen Ions 3 Plus
NT1 Iodine Ions
NT1 Krypton Ions
NT1 Light Ions
*NT1 Molecular Ions
NT1 Multicharged Ions
NT1 Muonic Ions
NT1 Neon Ions
NT1 Nitrogen Ions
NT1 Oxygen Ions
NT1 Potassium Ions
NT1 Praseodymium Ions
NT1 Promethium Ions
NT1 Protactinium Ions
NT1 Radium Ions
NT1 Radon Ions
NT1 Rhenium Ions
NT1 Rhodium Ions
NT1 Rubidium Ions
NT1 Ruthenium Ions
NT1 Tritium Ions
NT1 Xenon Ions
RT Charged-Particle Reactions
RT Ion Beams
RT Ion Channeling
RT Ion Density
RT Ion Detection
RT Ion Drift
RT Ion Implantation
RT Ion Mobility
RT Ion Pairs
RT Ion Sources
RT Ion Temperature
RT Ionic Composition
RT Translocation

Ions (Atomic)
DA December 1975
USE Atomic Ions

Ions (Molecular)
DA December 1975
USE Molecular Ions

IOWA [01]
BT1 Midwest Region
BT1 USA
BT2 North America
RT Mississippi River
RT Missouri River

IOWA UTR-10 REACTOR [01]
UF *UTR-10 Iowa State University Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors

IPNS-I
(Intense Pulsed Neutron Source.)
DA July 1979
BT1 Neutron Source Facilities
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators
DEF 500-MeV rapid cycling synchrotron at ANL.

IPP GARCHING [01]
(Max-Planck-Institut fuer Plasmaphysik.)
DA May 1975
UF *Garching IPP*
BT1 German FR Organizations
BT2 National Organizations

IPRONIAZID [01]
BT1 Hydrazides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Psychotropic Drugs
BT2 Drugs

IQSY
USE International Quiet Sun Year

IRAN [01]
BT1 Asia
BT1 Middle East
RT Caspian Sea
RT OPEC

IRAN-1 REACTOR [01]
DA October 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRAN-2 REACTOR [01]
DA October 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRANIAN ATOMIC ENERGY ORGANIZATION [01]
DA November 1976
BT1 Iranian Organizations
BT2 National Organizations

IRANIAN ORGANIZATIONS [01]
DA November 1976
BT1 National Organizations
NT1 Iranian Atomic Energy Organization
NT1 Tehran Nuclear Research Centre

IRAQ [01]
BT1 Asia
BT1 Middle East
RT OPEC

IRELAND [01]
BT1 Europe

IRI [01]
(Interuniversitair Reactor Instituut.)
DA May 1975
UF *Interuniversitair Reactor Instituut*
BT1 Netherlands Organizations
BT2 National Organizations

IRIDIUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements
BT1 Refractory Metals
BT2 Metals
BT3 Elements

IRIDIUM 168 [01]
DA December 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 169 [01]
DA December 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 170 [01]
DA April 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 171 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 172 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 173 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 174 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 175 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 176 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 177 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 178 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 179 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 180 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 181 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 182 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 183 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 184 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 185 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 186 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 187 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 188 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 189 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 190 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 191 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

IRIDIUM 192 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Isomeric Transition Isotopes

BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRIDIUM 193 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

IRIDIUM 194 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRIDIUM 195 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 196 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

IRIDIUM 197 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

IRIDIUM 198 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Iridium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRIDIUM ADDITIONS [01]
BT1 Iridium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

IRIDIUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Iridium Additions
NT1 Iridium Base Alloys

IRIDIUM BASE ALLOYS [01]
BT1 Iridium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

IRIDIUM BORIDES [01]
DA January 1975
BT1 Borides
BT2 Boron Compounds

IRIDIUM CARBIDES
DA January 1975
BT1 Carbides
BT2 Carbon Compounds
BT1 Iridium Compounds
BT2 Transition Element Compounds

IRIDIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iridium Compounds
BT2 Transition Element Compounds

IRIDIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

IRIDIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Iridium Carbides
NT1 Iridium Chlorides
NT1 Iridium Fluorides
NT1 Iridium Hydrides
NT1 Iridium Oxides
NT1 Iridium Sulfates
NT1 Iridium Tellurides

IRIDIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iridium Compounds
BT2 Transition Element Compounds

IRIDIUM HYDRIDES
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Iridium Compounds
BT2 Transition Element Compounds

IRIDIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

IRIDIUM ISOTOPES [01]
NT1 Iridium 168
NT1 Iridium 169
NT1 Iridium 170
NT1 Iridium 171
NT1 Iridium 172
NT1 Iridium 173
NT1 Iridium 174
NT1 Iridium 175
NT1 Iridium 176
NT1 Iridium 177
NT1 Iridium 178
NT1 Iridium 179
NT1 Iridium 180
NT1 Iridium 181
NT1 Iridium 182
NT1 Iridium 183
NT1 Iridium 184
NT1 Iridium 185
NT1 Iridium 186
NT1 Iridium 187
NT1 Iridium 188
NT1 Iridium 189
NT1 Iridium 190
NT1 Iridium 191
NT1 Iridium 192
NT1 Iridium 193
NT1 Iridium 194
NT1 Iridium 195
NT1 Iridium 196
NT1 Iridium 197
NT1 Iridium 198

IRIDIUM OXIDES [01]
BT1 Iridium Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

IRIDIUM SULFATES
DA August 1976
BT1 Iridium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

IRIDIUM 189 TARGET [01]
DA March 1978
BT1 Targets

IRIDIUM 190 TARGET [01]
DA November 1978
BT1 Targets

IRIDIUM 191 TARGET [01]
DA July 1976
BT1 Targets

IRIDIUM 193 TARGET [01]
DA July 1976
BT1 Targets

IRIDIUM TELLURIDES
DA June 1976
BT1 Iridium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

IRIGINITE [01]
BT1 Molybdenum Oxides
BT2 Molybdenum Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

IRISH SEA
DA May 1977
UF *Celtic Sea*
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters
RT United Kingdom

IRL REACTOR [01]
UF *Plainsboro IRL Pool Type Reactor*

BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRON [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Iron-Alpha
NT1 Iron-Beta
NT1 Iron-Delta
NT1 Iron-Gamma
RT Ferritin
RT Heme
RT Hemoglobin
RT Hemosiderin
RT Steam-Iron Process

IRON 45 [01]
DA July 1978
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 47 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 48 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 49 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 50 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 51 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 52 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 53 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRON 54 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Stable Isotopes
BT2 Isotopes

IRON 55 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRON 56 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Iron 56 Reactions

IRON 57 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Stable Isotopes
BT2 Isotopes

IRON 58 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Stable Isotopes
BT2 Isotopes

IRON 59 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes

IRON 60 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRON 61 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRON 62 [01]
DA October 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Iron Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

IRON ADDITIONS [01]
BT1 Iron Alloys
BT2 Alloys
NT1 Alloy-EHP-199
NT1 Alloy-Ehp-567
NT1 Alloy-KH20N80
NT1 Alloy-KHN78T
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-Vad23
NT1 Alloy-Vt1-0
NT1 Alloy-VT3-1
NT1 Alloy-VT6
NT1 Alloy-VT9
NT1 Alloy-VT15
NT1 Alloy-VT22
NT1 Alloy-VTZ-1
NT1 ALUDUR
NT1 Alumel
NT1 Duralumin
NT1 Duranickel
NT1 Zamak
NT1 Zircaloy 2

IRON-AIR BATTERIES
DA June 1976
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

IRON ALLOYS [01]
BT1 Alloys
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-Ehp-496
NT1 Alloy-GMR-235
NT1 Alloy-HD-556
NT1 Alloy-HS-21
NT1 Alloy-HS-25
NT1 Alloy-HS-31
NT1 Alloy-IN-102
NT1 Alloy-IN-519
NT1 Alloy-Khn60b
NT1 Alloy-Khn50mbvyu
NT1 Alloy-KH20N80T
NT1 Alloy-M-252
NT1 Alloy-Mo-Re-1
NT1 Alloy-N-155
NT1 Alloy-79nm
NT1 Alloy-RA-333
NT1 Alloy-S-816
NT1 Alloy-V-36

NT1 Alloy-Yundk 25Ba
NT1 Austenite
NT1 Ferrite
NT1 Hastelloy N
NT1 Hastelloys
NT2 Hastelloy B
NT2 Hastelloy C
NT2 Hastelloy F
NT2 Hastelloy S
NT2 Hastelloy X
NT1 HAVAR
NT1 Haynes 25 Alloy
NT1 Haynes 188 Alloy
NT1 Haynes Alloys
NT1 Haynes Stellite 6B
NT1 Haynes Stellite No 21
NT1 Inconel 600
NT1 Inconel 625
NT1 Inconel 643
NT1 Inconel 702
NT1 Inconel X750
NT1 Inor-8
NT1 Iron Additions
NT2 Alloy-EHP-199
NT2 Alloy-Ehp-567
NT2 Alloy-KH20N80
NT2 Alloy-KHN78T
NT2 Alloy-N55M20V25
NT2 Alloy-N65M20V15
NT2 Alloy-Vad23
NT2 Alloy-Vt1-0
NT2 Alloy-VT3-1
NT2 Alloy-VT6
NT2 Alloy-VT9
NT2 Alloy-VT15
NT2 Alloy-VT22
NT2 Alloy-VTZ-1
NT2 ALUDUR
NT2 Alumel
NT2 Duralumin
NT2 Duranickel
NT2 Zamak
NT2 Zircaloy 2
NT1 Iron Base Alloys
NT2 Alloy-HK-40
NT2 Alloy-0KH12N13M
NT2 ALNICO Alloys
NT2 Ascoloy
NT2 Cast Iron
NT2 Discaloy
NT2 Duriron
NT2 Hiperco
NT2 Hoskins 875
NT2 Incoloy Alloys
NT3 Incoloy 800
NT3 Incoloy 802
NT3 Incoloy 901
NT2 Invar
NT2 Kanthal
NT2 Kovar
NT2 Rezistal
NT2 Sichromal Alloys
NT2 Sicromo 9M
NT2 Steels
NT3 Austenitic Steels
NT3 Carbon Steels
NT4 Steel-ASTM-A106
NT4 Steel-ASTM-A533-B
NT4 Steel-08G2sfb
NT4 Steel-In-787
NT4 Steel-SAE-1006
NT4 Steel-SAE-1045
NT3 Chromium Steels
NT4 Chromium-Molybdenum Steels
NT5 Alloy-HT-9
NT5 Steel-10Cd9-10
NT5 Steel-15Cd9-10
NT5 Steel-28CdV508
NT5 Steel-DIN-1-6770
NT5 Steel-Ehp678
NT5 Steel-Ehp679
NT5 Steel-Ehp699
NT5 Steel-15Khg2sfmr
NT5 Steel-42Kh2gsnm
NT5 Steel-Kh14k9n6m5
NT5 Steel-12Khm
NT5 Steel-5Kh2mf
NT5 Steel-15Kh1m1f
NT5 Steel-15Kh1m1fl
NT5 Steel-38Kh5msfa
NT5 Steel-38Khmyua
NT5 Steel Kh16n9m2
NT5 Steel-Kh17n5m3
NT5 Steel-40Khnma
NT5 Steel-0Kh16n15m3b
NT5 Steel-1Kh16n15m3b
NT5 Steel-03Kh11n10m2t
NT5 Steel-Kh15n20m2t2
NT5 Steel-Kh17n13m3t
NT5 Steel-03Kh11n10m2tk6
NT5 Steel-2Kh8v8m2k8
NT5 Steel-Z10cdnbv9
NT5 Steel-Z10cdv7
NT4 Chromium-Nickel Steels
NT5 Alloy-CK-20
NT5 Carpenter
NT5 Durco
NT5 Enduro
NT5 Stainless Steel-18-8
NT5 Stainless Steel-18-10
NT5 Stainless Steel-301
NT5 Stainless Steel-302
NT5 Stainless Steel-304
NT5 Stainless Steel-305
NT5 Stainless Steel-308
NT5 Stainless Steel-309
NT5 Stainless Steel-310
NT5 Stainless Steel-316
NT5 Stainless Steel-321
NT5 Stainless Steel-329
NT5 Stainless Steel-347
NT5 Stainless Steel-348
NT5 Stainless Steel-AM-350
NT5 Stainless Steel-19-9DL
NT5 Stainless Steel-304L
NT5 Stainless Steel-17-7Ph
NT5 Stainless Steel-Ph-15-7-Mo
NT5 Stainless Steel-309S
NT5 Stainless Steel-Z3cmn18-8-6N
NT5 Stainless Steel-Z2cn18-10
NT5 Stainless Steel-Z6cn18-10
NT5 Stainless Steel-Z2cn18-10N
NT5 Stainless Steel-Z2cnd17-12
NT5 Stainless Steel-Z3cnd17-12
NT5 Stainless Steel-Z3cnd18-13
NT5 Stainless Steel-Z6cnd17-12
NT5 Stainless Steel-Zcnd17-13
NT5 Stainless Steel-Z6cnd17-13B
NT5 Stainless Steel-Z6cndt17-13B
NT5 Stainless Steel-Z6cnt18-10
NT5 Stainless Steel-Z8cnt18-10
NT5 Stainless Steel-Z6cnt18-12B
NT5 Steel-DIN-1-4449
NT5 Steel-DIN-1-4948
NT5 Steel-DIN-1-4970
NT5 Steel-DIN-1-4981
NT5 Steel-DIN-1-4988
NT5 Steel-Ehp678
NT5 Steel-Ehp679
NT5 Steel-Ehp699
NT5 Steel-42Kh2gsnm
NT5 Steel-Kh14k9n6m5
NT5 Steel-5Kh2mf
NT5 Steel-38Khmyua
NT5 Steel-000Kh18n13
NT5 Steel-1Kh18n9
NT5 Steel-7Kh18n9
NT5 Steel-Kh18n8
NT5 Steel-Kh18n9
NT5 Steel-Kh18n10
NT5 Steel-18Kh16n6
NT5 Steel-Kh23n18
NT5 Steel-1Kh16n4b
NT5 Steel-40Kh13n8g8
NT5 Steel-4Kh12n8g8mfb
NT5 Steel Kh16n9m2
NT5 Steel-Kh17n5m3
NT5 Steel-20Kh2n2m
NT5 Steel-0Kh16n15m3b
NT5 Steel-1Kh16n15m3b
NT5 Steel-Kh16n15m3b
NT5 Steel-03Kh11n10m2t
NT5 Steel-Kh17n13m2t
NT5 Steel-Kh17n13m3t
NT5 Steel-03Kh11n10m2tk6
NT5 Steel-0Kh18n9t
NT5 Steel-0Kh18n10t
NT5 Steel-0Kh19nt
NT5 Steel-0Kh21n5t
NT5 Steel-0Kh22n5t
NT5 Steel-1Kh18n9t
NT5 Steel-1Kh18n10t
NT5 Steel-Kh18n9t
NT5 Steel-Kh18n10t
NT5 Steel-Kh18n12t
NT5 Steel-2Kh18n8v2
NT5 Steel-1Kh16n14v2br Ehp17
NT5 Steel-4Kh14nv2m
NT5 Steel-3Kh15n13yu3
NT5 Steel-Kh14n8yum2
NT5 Steel-Kn15n9yu
NT5 Steel-Kn15n7yum2
NT5 Steel-OOOKh20n16ag6
NT5 Steel-X6crni1811
NT5 Timken Alloys
NT4 Crocar
NT4 Croloy
NT4 Magnet Steel-KS
NT4 Miduale
NT4 Stainless Steel-403
NT4 Stainless Steel-405
NT4 Stainless Steel-406
NT4 Stainless Steel-410
NT4 Stainless Steel-416
NT4 Stainless Steel-430
NT4 Stainless Steel-431
NT4 Stainless Steel-440
NT4 Stainless Steel-446
NT4 Steel-000Kh25
NT4 Steel-000Kh28
NT4 Steel-2Kh13
NT4 Steel-9Kh18
NT4 Steel-Kh12
NT4 Steel-Kh13
NT4 Steel-Kh18
NT4 Steel-Kh25
NT4 Steel-40Kh
NT4 Steel-03Kh13ag13
NT4 Steel-Kh5m
NT4 Steel-Kh12m
NT4 Steel-12Kh1mf
NT4 Steel-40Khn
NT4 Steel-9Khs
NT4 Steel-1Kh12v2mf
NT3 Maraging Steels
NT3 Nickel Steels
NT4 Nickel-Chromium Steels
NT5 Alloy-M-813
NT5 Steel-000Kh20n20
NT5 Steel-12Khn3
NT5 Steel-12Khn3a
NT5 Steel-Kh20n45b
NT5 Steel-12Kh2nch
NT5 Steel-40Khnma
NT5 Steel-20Khn3mf
NT5 Steel-Kh15n20m2t2
NT5 Steel-40Kh2n5sm
NT5 Steel-00Kh20n32t
NT5 Steel-37Khn3t
NT5 Steel-1-Kh18n20t3p
NT5 Steel-Kh12n20t3p
NT5 Steel-18Kh2n4va
NT5 Steel-Kh18n22v2t2
NT5 Steel-Khn35vt
NT5 Steel-N26kht1
NT5 Steel-N36khtyu
NT5 Steel-Vzh102
NT5 Sweetalloy
NT4 Steel-22NiMoCr37
NT4 Steel-30N9k4
NT3 Stainless Steels
NT4 Durco
NT4 Stainless Steel-16-8-2
NT4 Stainless Steel-18-8
NT4 Stainless Steel-18-10
NT4 Stainless Steel-20-25
NT4 Stainless Steel-301
NT4 Stainless Steel-302
NT4 Stainless Steel-304
NT4 Stainless Steel-305
NT4 Stainless Steel-308
NT4 Stainless Steel-309
NT4 Stainless Steel-310
NT4 Stainless Steel-316

NT4 Stainless Steel-317
NT4 Stainless Steel-318
NT4 Stainless Steel-321
NT4 Stainless Steel-329
NT4 Stainless Steel-330
NT4 Stainless Steel-347
NT4 Stainless Steel-348
NT4 Stainless Steel-403
NT4 Stainless Steel-405
NT4 Stainless Steel-406
NT4 Stainless Steel-410
NT4 Stainless Steel-416
NT4 Stainless Steel-422
NT4 Stainless Steel-430
NT4 Stainless Steel-431
NT4 Stainless Steel-440
NT4 Stainless Steel-446
NT4 Stainless Steel-AM-350
NT4 Stainless Steel-19-9DL
NT4 Stainless Steel-Fv-548
NT4 Stainless Steel-304L
NT4 Stainless Steel-308L
NT4 Stainless Steel-316L
NT4 Stainless Steel-17-4PH
NT4 Stainless Steel-17-7Ph
NT4 Stainless Steel-Ph-15-7-Mo
NT4 Stainless Steel-309S
NT4 Stainless Steel-Z3cmn18-8-6N
NT4 Stainless Steel-Z2cn18-10
NT4 Stainless Steel-Z6cn18-10
NT4 Stainless Steel-Z2cn18-10N
NT4 Stainless Steel-Z2cnd17-12
NT4 Stainless Steel-Z3cnd17-12
NT4 Stainless Steel-Z3cnd18-13
NT4 Stainless Steel-Z6cnd17-12
NT4 Stainless Steel-Zcnd17-13
NT4 Stainless Steel-Z6cnd17-13B
NT4 Stainless Steel-Z6cndt17-13B
NT4 Stainless Steel-Z6cnt18-10
NT4 Stainless Steel-Z8cnt18-10
NT4 Stainless Steel-Z6cnt18-12B
NT4 Steel-DIN-1-4449
NT4 Steel-DIN-1-4948
NT4 Steel-DIN-1-6770
NT4 Steel-Ehp678
NT4 Steel-Ehp679
NT4 Steel-Ehp699
NT4 Steel-000Kh25
NT4 Steel-000Kh28
NT4 Steel-2Kh13
NT4 Steel-9Kh18
NT4 Steel-Kh18
NT4 Steel-03Kh13ag13
NT4 Steel-0Kh18g8n2t
NT4 Steel-Kh14k9n6m5
NT4 Steel-000Kh18n13
NT4 Steel-000Kh20n20
NT4 Steel-7Kh18n9
NT4 Steel-Kh18n8
NT4 Steel-Kh18n9
NT4 Steel-18Kh16n6
NT4 Steel-Kh23n18
NT4 Steel-1Kh16n4b
NT4 Steel-Kh20n45b
NT4 Steel-40Kh13n8g8
NT4 Steel Kh16n9m2
NT4 Steel-Kh17n5m3
NT4 Steel-0Kh16n15m3b
NT4 Steel-1Kh16n15m3b
NT4 Steel-Kh16n15m3b
NT4 Steel-03Kh11n10m2t
NT4 Steel-Kh15n20m2t2
NT4 Steel-Kh17n13m2t
NT4 Steel-Kh17n13m3t
NT4 Steel-03Kh11n10m2tk6
NT4 Steel-40Kh2n5sm
NT4 Steel-0Kh18n9t
NT4 Steel-0Kh18n10t
NT4 Steel-00Kh20n32t
NT4 Steel-0Kh22n5t
NT4 Steel-1Kh18n9t
NT4 Steel-1Kh18n10t
NT4 Steel-Kh18n9t
NT4 Steel-Kh18n10t
NT4 Steel-Kh18n12t
NT4 Steel-1-Kh18n20t3p
NT4 Steel-Kh12n20t3p
NT4 Steel-2Kh18n8v2
NT4 Steel-4Kh14nv2m
NT4 Steel-Kh18n22v2t2
NT4 Steel-Khn35vt
NT4 Steel-Kh14n8yum2
NT4 Steel-1Kh12v2mf
NT4 Steel-Kn15n9yu
NT4 Steel-Kn15n7yum2
NT4 Steel-N36khtyu
NT4 Steel-OOOKh20n16ag6
NT4 Steel-Vzh102
NT4 Steel-X6crni1811
NT4 Sweetalloy
NT4 Tenelon
NT4 Timken Alloys
NT3 Steel-ASTM-A212
NT3 Steel-ASTM-A285
NT3 Steel-ASTM-A302
NT3 Steel-ASTM-A350
NT3 Steel-ASTM-A387
NT3 Steel-ASTM-A416
NT3 Steel-ASTM-A508
NT3 Steel-ASTM-A516
NT3 Steel-ASTM-A533
NT3 Steel-ASTM-A542
NT3 Steel-ASTM-A543
NT3 Steel-20Kh
NT3 Steel-60Kh3g8n8v
NT3 Steel-20Khmf
NT3 Steel-12Kh2mv8fb
NT3 Steel-Kh13s2yu2bt
NT3 Steel-12Kh2v5fb
NT3 Steel-20M5
NT3 Steel-18Mnv6
NT3 Steel-20N14
NT3 Steel-R18
NT3 Steel VNT
NT3 Steels-ASTM-A105
NT1 Konel
NT1 Lynite
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Martensite
NT1 Misco Metal
NT1 Monel 400
NT1 Ni-Hard
NT1 Nimonic 90
NT1 Nimonic PE16
NT1 Orthonol
NT1 Permalloy
NT1 Permendur
NT1 Refractaloy
NT1 Rene 41
NT1 Resistal
NT1 Sanicro 30
NT1 Stellite 6
NT1 Supertherm
NT1 Tikonal
NT1 Tribaloy 400
NT1 Vanstar 7
NT1 Vikalloy 1
NT1 Vikalloy 2

IRON-ALPHA [01]
BT1 Iron
BT2 Transition Elements
BT3 Metals
BT4 Elements
RT Ferrite
RT Martensite

IRON ARSENIDES
DA September 1978
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON BASE ALLOYS [01]
UF *Alloy-MA-956*
UF *MA 956*
BT1 Iron Alloys
BT2 Alloys
NT1 Alloy-HK-40
NT1 Alloy-0KH12N13M
NT1 ALNICO Alloys
NT1 Ascoloy
NT1 Cast Iron
NT1 Discaloy
NT1 Duriron
NT1 Hiperco
NT1 Hoskins 875
NT1 Incoloy Alloys
NT2 Incoloy 800
NT2 Incoloy 802
NT2 Incoloy 901
NT1 Invar
NT1 Kanthal
NT1 Kovar
NT1 Rezistal
NT1 Sichromal Alloys
NT1 Sicromo 9M
NT1 Steels
NT2 Austenitic Steels
NT2 Carbon Steels
NT3 Steel-ASTM-A106
NT3 Steel-ASTM-A533-B
NT3 Steel-08G2sfb
NT3 Steel-In-787
NT3 Steel-SAE-1006
NT3 Steel-SAE-1045
NT2 Chromium Steels
NT3 Chromium-Molybdenum Steels
NT4 Alloy-HT-9
NT4 Steel-10Cd9-10
NT4 Steel-15Cd9-10
NT4 Steel-28CdV508
NT4 Steel-DIN-1-6770
NT4 Steel-Ehp678
NT4 Steel-Ehp679
NT4 Steel-Ehp699
NT4 Steel-15Khg2sfmr
NT4 Steel-42Kh2gsnm
NT4 Steel-Kh14k9n6m5
NT4 Steel-12Khm
NT4 Steel-5Kh2mf
NT4 Steel-15Kh1m1f
NT4 Steel-15Kh1m1fl
NT4 Steel-38Kh5msfa
NT4 Steel-38Khmyua
NT4 Steel Kh16n9m2
NT4 Steel-Kh17n5m3
NT4 Steel-40Khnma
NT4 Steel-0Kh16n15m3b
NT4 Steel-1Kh16n15m3b
NT4 Steel-03Kh11n10m2t
NT4 Steel-Kh15n20m2t2
NT4 Steel-Kh17n13m3t
NT4 Steel-03Kh11n10m2tk6
NT4 Steel-2Kh8v8m2k8
NT4 Steel-Z10cdnbv9
NT4 Steel-Z10cdv7
NT3 Chromium-Nickel Steels
NT4 Alloy-CK-20
NT4 Carpenter
NT4 Durco
NT4 Enduro
NT4 Stainless Steel-18-8
NT4 Stainless Steel-18-10
NT4 Stainless Steel-301
NT4 Stainless Steel-302
NT4 Stainless Steel-304
NT4 Stainless Steel-305
NT4 Stainless Steel-308
NT4 Stainless Steel-309
NT4 Stainless Steel-310
NT4 Stainless Steel-316
NT4 Stainless Steel-321
NT4 Stainless Steel-329
NT4 Stainless Steel-347
NT4 Stainless Steel-348
NT4 Stainless Steel-AM-350
NT4 Stainless Steel-19-9DL
NT4 Stainless Steel-304L
NT4 Stainless Steel-17-7Ph
NT4 Stainless Steel-Ph-15-7-Mo
NT4 Stainless Steel-309S
NT4 Stainless Steel-Z3cmn18-8-6N
NT4 Stainless Steel-Z2cn18-10
NT4 Stainless Steel-Z6cn18-10
NT4 Stainless Steel-Z2cn18-10N
NT4 Stainless Steel-Z2cnd17-12
NT4 Stainless Steel-Z3cnd17-12
NT4 Stainless Steel-Z3cnd18-13
NT4 Stainless Steel-Z6cnd17-12
NT4 Stainless Steel-Zcnd17-13
NT4 Stainless Steel-Z6cnd17-13B

NT4 Stainless Steel-Z6cndt17-13B
NT4 Stainless Steel-Z6cnt18-10
NT4 Stainless Steel-Z8cnt18-10
NT4 Stainless Steel-Z6cnt18-12B
NT4 Steel-DIN-1-4449
NT4 Steel-DIN-1-4948
NT4 Steel-DIN-1-4970
NT4 Steel-DIN-1-4981
NT4 Steel-DIN-1-4988
NT4 Steel-Ehp678
NT4 Steel-Ehp679
NT4 Steel-Ehp699
NT4 Steel-42Kh2gsnm
NT4 Steel-Kh14k9n6m5
NT4 Steel-5Kh2mf
NT4 Steel-38Khmyua
NT4 Steel-000Kh18n13
NT4 Steel-1Kh18n9
NT4 Steel-7Kh18n9
NT4 Steel-Kh18n8
NT4 Steel-Kh18n9
NT4 Steel-Kh18n10
NT4 Steel-18Kh16n6
NT4 Steel-Kh23n18
NT4 Steel-1Kh16n4b
NT4 Steel-40Kh13n8g8
NT4 Steel-4Kh12n8g8mfb
NT4 Steel Kh16n9m2
NT4 Steel-Kh17n5m3
NT4 Steel-20Kh2n2m
NT4 Steel-0Kh16n15m3b
NT4 Steel-1Kh16n15m3b
NT4 Steel-Kh16n15m3b
NT4 Steel-03Kh11n10m2t
NT4 Steel-Kh17n13m2t
NT4 Steel-Kh17n13m3t
NT4 Steel-03Kh11n10m2tk6
NT4 Steel-0Kh18n9t
NT4 Steel-0Kh18n10t
NT4 Steel-0Kh19nt
NT4 Steel-0Kh21n5t
NT4 Steel-0Kh22n5t
NT4 Steel-1Kh18n9t
NT4 Steel-1Kh18n10t
NT4 Steel-Kh18n9t
NT4 Steel-Kh18n10t
NT4 Steel-Kh18n12t
NT4 Steel-2Kh18n8v2
NT4 Steel-1Kh16n14v2br Ehp17
NT4 Steel-4Kh14nv2m
NT4 Steel-3Kh15n13yu3
NT4 Steel-Kh14n8yum2
NT4 Steel-Kn15n9yu
NT4 Steel-Kn15n7yum2
NT4 Steel-OOOKh20n16ag6
NT4 Steel-X6crni1811
NT4 Timken Alloys
NT3 Crocar
NT3 Croloy
NT3 Magnet Steel-KS
NT3 Miduale
NT3 Stainless Steel-403
NT3 Stainless Steel-405
NT3 Stainless Steel-406
NT3 Stainless Steel-410
NT3 Stainless Steel-416
NT3 Stainless Steel-430
NT3 Stainless Steel-431
NT3 Stainless Steel-440
NT3 Stainless Steel-446
NT3 Steel-000Kh25
NT3 Steel-000Kh28
NT3 Steel-2Kh13
NT3 Steel-9Kh18
NT3 Steel-Kh12
NT3 Steel-Kh13
NT3 Steel-Kh18
NT3 Steel-Kh25
NT3 Steel-40Kh
NT3 Steel-03Kh13ag13
NT3 Steel-Kh5m
NT3 Steel-Kh12m
NT3 Steel-12Kh1mf
NT3 Steel-40Khn
NT3 Steel-9Khs
NT3 Steel-1Kh12v2mf
NT2 Maraging Steels
NT2 Nickel Steels
NT3 Nickel-Chromium Steels
NT4 Alloy-M-813
NT4 Steel-000Kh20n20
NT4 Steel-12Khn3
NT4 Steel-12Khn3a
NT4 Steel-Kh20n45b
NT4 Steel-12Kh2nch
NT4 Steel-40Khnma
NT4 Steel-20Khn3mf
NT4 Steel-Kh15n20m2t2
NT4 Steel-40Kh2n5sm
NT4 Steel-00Kh20n32t
NT4 Steel-37Khn3t
NT4 Steel-1-Kh18n20t3p
NT4 Steel-Kh12n20t3p
NT4 Steel-18Kh2n4va
NT4 Steel-Kh18n22v2t2
NT4 Steel-Khn35vt
NT4 Steel-N26kht1
NT4 Steel-N36khtyu
NT4 Steel-Vzh102
NT4 Sweetalloy
NT3 Steel-22NiMoCr37
NT3 Steel-30N9k4
NT2 Stainless Steels
NT3 Durco
NT3 Stainless Steel-16-8-2
NT3 Stainless Steel-18-8
NT3 Stainless Steel-18-10
NT3 Stainless Steel-20-25
NT3 Stainless Steel-301
NT3 Stainless Steel-302
NT3 Stainless Steel-304
NT3 Stainless Steel-305
NT3 Stainless Steel-308
NT3 Stainless Steel-309
NT3 Stainless Steel-310
NT3 Stainless Steel-316
NT3 Stainless Steel-317
NT3 Stainless Steel-318
NT3 Stainless Steel-321
NT3 Stainless Steel-329
NT3 Stainless Steel-330
NT3 Stainless Steel-347
NT3 Stainless Steel-348
NT3 Stainless Steel-403
NT3 Stainless Steel-405
NT3 Stainless Steel-406
NT3 Stainless Steel-410
NT3 Stainless Steel-416
NT3 Stainless Steel-422
NT3 Stainless Steel-430
NT3 Stainless Steel-431
NT3 Stainless Steel-440
NT3 Stainless Steel-446
NT3 Stainless Steel-AM-350
NT3 Stainless Steel-19-9DL
NT3 Stainless Steel-Fv-548
NT3 Stainless Steel-304L
NT3 Stainless Steel-308L
NT3 Stainless Steel-316L
NT3 Stainless Steel-17-4PH
NT3 Stainless Steel-17-7Ph
NT3 Stainless Steel-Ph-15-7-Mo
NT3 Stainless Steel-309S
NT3 Stainless Steel-Z3cmn18-8-6N
NT3 Stainless Steel-Z2cn18-10
NT3 Stainless Steel-Z6cn18-10
NT3 Stainless Steel-Z2cn18-10N
NT3 Stainless Steel-Z2cnd17-12
NT3 Stainless Steel-Z3cnd17-12
NT3 Stainless Steel-Z3cnd18-13
NT3 Stainless Steel-Z6cnd17-12
NT3 Stainless Steel-Zcnd17-13
NT3 Stainless Steel-Z6cnd17-13B
NT3 Stainless Steel-Z6cndt17-13B
NT3 Stainless Steel-Z6cnt18-10
NT3 Stainless Steel-Z8cnt18-10
NT3 Stainless Steel-Z6cnt18-12B
NT3 Steel-DIN-1-4449
NT3 Steel-DIN-1-4948
NT3 Steel-DIN-1-6770
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-000Kh25
NT3 Steel-000Kh28
NT3 Steel-2Kh13
NT3 Steel-9Kh18
NT3 Steel-Kh18
NT3 Steel-03Kh13ag13
NT3 Steel-0Kh18g8n2t
NT3 Steel-Kh14k9n6m5
NT3 Steel-000Kh18n13
NT3 Steel-000Kh20n20
NT3 Steel-7Kh18n9
NT3 Steel-Kh18n8
NT3 Steel-Kh18n9
NT3 Steel-18Kh16n6
NT3 Steel-Kh23n18
NT3 Steel-1Kh16n4b
NT3 Steel-Kh20n45b
NT3 Steel-40Kh13n8g8
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh15n20m2t2
NT3 Steel-Kh17n13m2t
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-40Kh2n5sm
NT3 Steel-0Kh18n9t
NT3 Steel-0Kh18n10t
NT3 Steel-00Kh20n32t
NT3 Steel-0Kh22n5t
NT3 Steel-1Kh18n9t
NT3 Steel-1Kh18n10t
NT3 Steel-Kh18n9t
NT3 Steel-Kh18n10t
NT3 Steel-Kh18n12t
NT3 Steel-1-Kh18n20t3p
NT3 Steel-Kh12n20t3p
NT3 Steel-2Kh18n8v2
NT3 Steel-4Kh14nv2m
NT3 Steel-Kh18n22v2t2
NT3 Steel-Khn35vt
NT3 Steel-Kh14n8yum2
NT3 Steel-1Kh12v2mf
NT3 Steel-Kn15n9yu
NT3 Steel-Kn15n7yum2
NT3 Steel-N36khtyu
NT3 Steel-OOOKh20n16ag6
NT3 Steel-Vzh102
NT3 Steel-X6crni1811
NT3 Sweetalloy
NT3 Tenelon
NT3 Timken Alloys
NT2 Steel-ASTM-A212
NT2 Steel-ASTM-A285
NT2 Steel-ASTM-A302
NT2 Steel-ASTM-A350
NT2 Steel-ASTM-A387
NT2 Steel-ASTM-A416
NT2 Steel-ASTM-A508
NT2 Steel-ASTM-A516
NT2 Steel-ASTM-A533
NT2 Steel-ASTM-A542
NT2 Steel-ASTM-A543
NT2 Steel-20Kh
NT2 Steel-60Kh3g8n8v
NT2 Steel-20Khmf
NT2 Steel-12Kh2mv8fb
NT2 Steel-Kh13s2yu2bt
NT2 Steel-12Kh2v5fb
NT2 Steel-20M5
NT2 Steel-18Mnv6
NT2 Steel-20N14
NT2 Steel-R18
NT2 Steel VNT
NT2 Steels-ASTM-A105

IRON 56 BEAMS [01]
DA June 1975
BT1 Ion Beams
BT2 Beams

IRON 58 BEAMS [01]
DA November 1976
BT1 Ion Beams
BT2 Beams

IRON-BETA [01]
BT1 Iron
BT2 Transition Elements

BT3 Metals
BT4 Elements
RT Martensite

IRON BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds
NT1 Cast Iron
NT1 Cementite
NT1 Ni-Hard

IRON CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds
NT1 Ankerite
NT1 Ferroan
NT1 Siderite

IRON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes
NT1 Ferricyanides
NT1 Ferritin
NT1 Ferrocene
NT1 Ferrocyanides
RT Ferroin

IRON COMPOUNDS [01]
UF *Ferric Compounds*
UF *Ferrous Compounds*
BT1 Transition Element Compounds
NT1 Ferrates
NT1 Ferrites
NT1 Gadolinite
NT1 Iron Arsenides
NT1 Iron Borides
NT1 Iron Bromides
NT1 Iron Carbides
NT2 Cast Iron
NT2 Cementite
NT2 Ni-Hard
NT1 Iron Carbonates
NT2 Ankerite
NT2 Ferroan
NT2 Siderite
NT1 Iron Chlorides
NT1 Iron Fluorides
NT1 Iron Hydrides
NT1 Iron Hydroxides
NT1 Iron Iodides
NT1 Iron Nitrates
NT1 Iron Nitrides
NT1 Iron Oxides
NT2 Hematite
NT2 Ilmenite
NT2 Kahlerite
NT2 Limonite
NT2 Magnetite
NT2 Tantalite
NT2 Tapiolite
NT2 Wolframite
NT1 Iron Phosphates
NT1 Iron Phosphides
NT1 Iron Selenides
NT1 Iron Silicates
NT2 Andradite
NT2 Epidotes
NT2 Eudialyte
NT2 Helvite
NT2 Ilvaite
NT2 Olivines
NT2 Vermiculite
NT1 Iron Silicides
NT1 Iron Sulfates
NT1 Iron Sulfides
NT2 Chalcopyrite
NT2 Marcasite
NT2 Pyrite
NT2 Pyrrhotite
NT3 Troilite
NT1 Iron Tellurides
NT1 Iron Tungstates

IRON-DELTA [01]
BT1 Iron
BT2 Transition Elements
BT3 Metals
BT4 Elements

IRON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

Iron-Free Spectrometers
USE Flat Magnetic Spectrometers

IRON-GAMMA [01]
BT1 Iron
BT2 Transition Elements
BT3 Metals
BT4 Elements
RT Austenite

IRON HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Iron Compounds
BT2 Transition Element Compounds

IRON IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

IRON ISOTOPES [01]
NT1 Iron 45
NT1 Iron 47
NT1 Iron 48
NT1 Iron 49
NT1 Iron 50
NT1 Iron 51
NT1 Iron 52
NT1 Iron 53
NT1 Iron 54
NT1 Iron 55
NT1 Iron 56
NT1 Iron 57
NT1 Iron 58
NT1 Iron 59
NT1 Iron 60
NT1 Iron 61
NT1 Iron 62

IRON METEORITES [01]
BT1 Meteorites
RT Troilite

IRON-NICKEL BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

IRON NITRATES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

IRON NITRIDES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

IRON ORES [01]
BT1 Ores
NT1 Hematite
NT1 Limonite
NT1 Magnetite
NT1 Siderite

IRON OXIDES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Hematite
NT1 Ilmenite
NT1 Kahlerite
NT1 Limonite
NT1 Magnetite
NT1 Tantalite
NT1 Tapiolite
NT1 Wolframite
RT Ferrates
RT Ferrites

IRON PHOSPHATES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

IRON PHOSPHIDES [01]
DA October 1975
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

IRON 56 REACTIONS [01]
DA May 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Iron 56

IRON 58 REACTIONS [01]
DA November 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

IRON SELENIDES [01]
DA December 1976
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

IRON SILICATES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds

BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Andradite
NT1 Epidotes
NT1 Eudialyte
NT1 Helvite
NT1 Ilvaite
NT1 Olivines
NT1 Vermiculite

IRON SILICIDES [01]
DA August 1976
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

IRON SULFATES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

IRON SULFIDES [01]
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
NT1 Chalcopyrite
NT1 Marcasite
NT1 Pyrite
NT1 Pyrrhotite
NT2 Troilite
RT Sphalerite

IRON 54 TARGET [01]
DA July 1976
BT1 Targets

IRON 55 TARGET [01]
DA July 1976
BT1 Targets

IRON 56 TARGET [01]
DA July 1976
BT1 Targets

IRON 57 TARGET [01]
DA July 1976
BT1 Targets

IRON 58 TARGET [01]
DA July 1976
BT1 Targets

IRON TELLURIDES
DA September 1978
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

IRON TUNGSTATES [01]
DA June 1977
BT1 Iron Compounds
BT2 Transition Element Compounds
BT1 Tungstates

IRPA [01]
(International Radiation Protection Association)
BT1 International Organizations

IRR-1 REACTOR [01]
UF *Israeli Research Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRR-2 REACTOR [01]
UF *Israeli Research Reactor-2*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

IRRADIATION [01]
UF+ *Accidental Irradiation*
UF+ *Food Irradiation*
NT1 Acute Irradiation
NT1 Chronic Irradiation
NT1 External Irradiation
NT2 Extracorporeal Irradiation
NT2 Partial Body Irradiation
NT2 Whole-Body Irradiation
NT1 Fractionated Irradiation
NT1 Internal Irradiation
NT1 Lethal Irradiation
NT1 Local Irradiation
NT1 Low Dose Irradiation
NT1 Nonuniform Irradiation
NT1 Perinatal Irradiation
NT1 Prenatal Irradiation
NT1 Pulsed Irradiation
NT1 Radiopasteurization
NT1 Radiopreservation
NT1 Self-Irradiation
NT1 Sublethal Irradiation
NT1 Supralethal Irradiation
RT Damaging Neutron Fluence
RT Disinfestation
RT Equivalent Fission Fluence
RT Irradiation Devices
RT Irradiation Procedures
RT Neutronic Damage Functions
RT Plant Breeding
RT Preservation
RT Radiation Dose Distributions
RT Radiation Doses
RT Radiation Effects
RT Radiation Hazards
RT Radiation Sources
RT Radiations
RT Radioimmunology
RT Radiosterilization
RT Radiotherapy
RT Sterilization
RT Wood-Plastic Composites

IRRADIATION CAPSULES [01]
UF *Capsules (Irradiation)*
RT Experimental Channels
RT In Pile Loops
RT Radiation Source Implants

Irradiation Channels
USE Experimental Channels

IRRADIATION DEVICES [01]
UF *Irradiation Rigs*
RT External Irradiation
RT Irradiation
RT Irradiation Plants
RT Irradiation Procedures
RT Radiation Sources

IRRADIATION PLANTS [01]
BT1 Nuclear Facilities
NT1 Isomed
RT External Irradiation
RT Irradiation Devices
RT Irradiation Procedures
RT Radiation Sources

IRRADIATION PROCEDURES [01]
RT External Irradiation
RT IFIP
RT Irradiation
RT Irradiation Devices
RT Irradiation Plants
RT Spatial Dose Distributions
RT Temporal Dose Distributions

IRRADIATION REACTORS [01]
(For isotope production and irradiation purposes; for producing fissile materials see PRODUCTION REACTORS.)
BT1 Reactors
NT1 Chemonuclear Reactors
NT1 Isotope Production Reactors
NT2 AFRRI Reactor
NT2 AI-L-77 Reactor
NT2 ALRR Reactor
NT2 Apsara Reactor
NT2 ARR Reactor
NT2 ASTRA Reactor
NT2 ATPR Reactor
NT2 BEPO Reactor
NT2 BER-1 Reactor
NT2 BER-2 Reactor
NT2 BGRR Reactor
NT2 BRR Reactor
NT2 BYU L-77 Reactor
NT2 Celestin Reactor
NT2 Cesnef Reactor
NT2 Cirus Reactor
NT2 Consort-2 Reactor
NT2 CP-5 Reactor
NT2 CWRR Reactor
NT2 Dido Reactor
NT2 DMTR Reactor
NT2 Dow TRIGA-Mk-1 Reactor
NT2 DR-2 Reactor
NT2 DR-3 Reactor
NT2 EL-1 Reactor
NT2 EL-2 Reactor
NT2 EL-3 Reactor
NT2 ETR Reactor
NT2 EWA Reactor
NT2 FIR-1 Reactor
NT2 FNR Reactor
NT2 FR-2 Reactor
NT2 FRF Reactor
NT2 FRG-2 Reactor
NT2 FRJ-2 Reactor
NT2 GETR Reactor
NT2 GTRR Reactor
NT2 Gulf TRIGA-Mk-1 Reactor
NT2 Gulf TRIGA-Mk-3 Reactor
NT2 HFIR Reactor
NT2 HIFAR Reactor
NT2 HTR Reactor
NT2 IAN-R1 Reactor
NT2 IRT-A Reactor
NT2 IRT-B Reactor
NT2 IRT-C Reactor
NT2 IRT-D Reactor
NT2 IRT-E Reactor
NT2 IRT-F Reactor
NT2 IRT Reactor
NT2 IRT-Sofia Reactor
NT2 Ispra-1 Reactor
NT2 JEEP-1 Reactor
NT2 JEEP-2 Reactor
NT2 JRR-1 Reactor
NT2 JRR-3 Reactor
NT2 LPTR Reactor
NT2 Melusine-1 Reactor
NT2 Michigan State TRIGA-Mk-1 Reactor
NT2 MNR Reactor
NT2 MRR Reactor
NT2 NRR Reactor
NT2 NRU Reactor
NT2 NRX Reactor
NT2 OSTR Reactor
NT2 Pulstar-Buffalo Reactor
NT2 PUR-1 Reactor
NT2 R-A Reactor
NT2 R-1 Reactor
NT2 R2-0 Reactor
NT2 Reed College TRIGA-1 Reactor
NT2 RTS-1 Reactor
NT2 Siloe Reactor
NT2 Slowpoke-Ottawa Reactor
NT2 Slowpoke-Toronto Reactor
NT2 Taiwan Research Reactor

NT2 Thetis Reactor
NT2 THOR Reactor
NT2 TR Reactor
NT2 TR-1 Reactor
NT2 Trico Reactor
NT2 TRIGA-Arizona Reactor
NT2 TRIGA-2-Bandung Reactor
NT2 Triga-Brazil Reactor
NT2 TRIGA-2-Dalat Reactor
NT2 TRIGA-1-Hanover Reactor
NT2 TRIGA-3-Illinois Reactor
NT2 TRIGA-2-Kansas Reactor
NT2 TRIGA-2-Ljubljana Reactor
NT2 TRIGA-2-Mainz Reactor
NT2 TRIGA-3-Munich Reactor
NT2 TRIGA-2-Musashi Reactor
NT2 TRIGA-2-Pavia Reactor
NT2 TRIGA-2 Reactor
NT2 TRIGA-2-Rikkyo Reactor
NT2 TRIGA-2-Rome Reactor
NT2 TRIGA-3-Salazar Reactor
NT2 TRIGA-2-Seoul Reactor
NT2 TRIGA-3-Seoul Reactor
NT2 TRIGA-Texas Reactor
NT2 TRIGA-Veterans Reactor
NT2 TRIGA-2-Vienna Reactor
NT2 UCBRR Reactor
NT2 UFTR Reactor
NT2 UKNR Reactor
NT2 UVAR Reactor
NT2 UWNR Reactor
NT2 UWRR Reactor
NT2 WTR Reactor
NT2 WWR-M-Kiev Reactor
NT2 WWR-M-Leningrad Reactor
NT2 WWR-2 Reactor
NT2 WWR-S-Budapest Reactor
NT2 WWR-S-Moscow Reactor
NT2 WWR-SM Rossendorf Reactor
NT2 X-10 Reactor
NT1 Materials Processing Reactors
NT1 Materials Testing Reactors
NT2 ATR Reactor
NT2 BR-2 Reactor
NT2 CP-2 Reactor
NT2 CWRR Reactor
NT2 Dido Reactor
NT2 DMTR Reactor
NT2 DR-3 Reactor
NT2 EL-3 Reactor
NT2 FRAN Reactor
NT2 FRG-2 Reactor
NT2 FRJ-2 Reactor
NT2 Gleep Reactor
NT2 Hector Reactor
NT2 HFR Reactor
NT2 HIFAR Reactor
NT2 HWCTR Reactor
NT2 JMTR Reactor
NT2 JRR-3 Reactor
NT2 KSTR Reactor
NT2 LPR Reactor
NT2 Merlin Reactor
NT2 MTR Reactor
NT2 NBSR Reactor
NT2 NRX Reactor
NT2 Osiris Reactor
NT2 PBR Reactor
NT2 Pluto Reactor
NT2 R-2 Reactor
NT2 RV-1 Reactor
NT2 SM-2 Reactor
NT2 SMR Reactor
NT2 Taiwan Research Reactor
NT2 Triga-1-Hanford Reactor
NT2 UCNR Reactor
NT2 WR-1 Reactor
NT2 WWR-M-Kiev Reactor
NT2 WWR-M-Leningrad Reactor
NT2 Zephyr Reactor
NT1 Tritium Production Reactors
NT2 Celestin Reactor

Irradiation Rigs
USE Irradiation Devices

IRREDUCIBLE REPRESENTATIONS [01]
UF *Representations (Irreducible)*
RT Group Theory
RT Nonunitary Representations
RT Symmetry Groups

IRREVERSIBLE PROCESSES [01]
RT Onsager Relations
RT Prigogine Theorem
RT Thermodynamics

IRRIGATION [01]
RT Agriculture
RT Cultivation Techniques
RT Fresh Water
RT Radionuclide Migration
RT Soil Conservation
RT Soils
RT Surface Waters

IRT-A REACTOR [01]
UF *Soviet Research Reactor IRT-A*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-ACCRA REACTOR [01]
UF *Accra Soviet IRT Type Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

IRT-B REACTOR [01]
UF *Soviet Research Reactor IRT-B*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-C REACTOR [01]
UF *Soviet Research Reactor IRT-C*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-D REACTOR [01]
UF *Soviet Research Reactor IRT-D*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-2000 DJAKARTA REACTOR [01]
UF *Djakarta IRT-2000 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-E REACTOR [01]
UF *Soviet Research Reactor IRT-E*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-F REACTOR [01]
UF *Soviet Research Reactor IRT-F*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-M REACTOR
DA January 1975
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

IRT-2000 MOSCOW REACTOR [01]
UF *MIFI IRT-2000 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

BT1 Thermal Reactors
BT2 Reactors

IRT REACTOR [01]
UF *Soviet Research Reactor IRT*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

IRT-SOFIA REACTOR [01]
UF *Bulgarian Research Reactor IRT-2000*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Irvine TRIGA Reactor
DA January 1975
USE UCIRR Reactor

Isabelle
USE Isabelle Storage Rings

ISABELLE STORAGE RINGS [01]
UF *Brookhaven Intersecting Storage Accelerators*
UF *Intersecting Storage Accelerator*
UF *Isabelle*
BT1 Storage Rings

ISAR DEVICES [01]
BT1 Linear Theta Pinch Devices
BT2 Linear Pinch Devices
BT3 Open Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices

ISAR REACTOR [01]
UF *Kernkraftwerk Isar*
UF *KKI Isar*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors

ISCHEMIA [01]
BT1 Anemias
BT2 Hemic Diseases
BT3 Diseases
BT2 Symptoms
BT1 Cardiovascular Diseases
BT2 Diseases
RT Anoxia
RT Blood Circulation
RT Blood Vessels
RT Myocardial Infarction
RT Necrosis

ISENTROPIC PROCESSES [01]
(Accomplished at constant value of the entropy.)
UF *Processes (Isentropic)*
RT Adiabatic Processes
RT Entropy
RT Isothermal Processes
RT Thermodynamics

ISHIKAWAITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

ISING MODEL [01]
DA June 1975
BT1 Crystal Models
BT2 Mathematical Models
RT Order-Disorder Transformations
RT PHI4-Field Theory
RT Two-Dimensional Calculations

ISIS REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Islamabad Reactor Pakistan
USE PARR Reactor

ISLANDS [01]
NT1 Aleutian Islands
NT2 Amchitka Island Area
NT1 Fiji
NT1 Guam
NT1 Marshall Islands
NT2 Bikini
NT2 Eniwetok
NT1 New Hebrides Islands
RT Seas
RT Terrestrial Ecosystems

ISO [01]
UF *International Standard Organization*
BT1 International Organizations
RT Recommendations
RT Regulations
RT Standardized Terminology

ISOALLOXAZINES [01]
UF *Flavins*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Diaphorases
RT Coenzymes

Isoamyl Acetate
USE Isopentyl Acetate

Isoamylase
USE Amylase
AND Isoenzymes

ISOBAR MODEL [01]
UF *Isobaric Model*
BT1 Particle Models
BT2 Mathematical Models

ISOBARIC ANALOGS [01]
UF *Analog States*
UF+ *Analog Resonances*
BT1 Energy Levels
RT Isobaric Nuclei
RT Nolen-Schiffer Anomaly

Isobaric Model
USE Isobar Model

ISOBARIC NUCLEI [01]
(Nuclei having identical mass number.)
BT1 Nuclei
RT Isobaric Analogs
RT Mirror Nuclei

Isobaric Spin
USE Isospin

Isobars (Nucleon)
USE N*Resonances

Isobutane
USE 2-Methylpropane

Isobutyl Alcohol
USE 2-Methylpropanol

ISOBUTYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Isobutylene
USE 2-Methylpropene

ISOBUTYRIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ISOCHRONOUS CYCLOTRONS [01]
BT1 Cyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators
NT1 AABO Cyclotron
NT1 ALICE Cyclotron
NT1 APACHE
NT1 Brookhaven Cyclotron
NT1 Chicago Cyclotron
NT1 Cracow C-48 Cyclotron
NT1 Grenoble Cyclotron
NT1 IU Cyclotron
NT1 IU Cyclotron Facility
NT1 JINR Cyclotrons
NT1 Karlsruhe Cyclotron
NT1 Kazakhstan Cyclotron
NT1 MSU Cyclotrons
NT1 NRL Cyclotron
NT1 ORNL Isochronous Cyclotron
NT1 Orsay Cyclotron
NT1 Princeton Cyclotron
NT1 SIN Cyclotron
NT1 Texas A and M Cyclotron
NT1 TRIUMF Cyclotron
NT1 UCLRL Cyclotrons
RT GANIL
RT VICKSI

ISOCYANATES
DA February 1975
RT Cyanates

ISOCYANIC ACID
DA April 1975
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Nitrogen Compounds

ISOCYANIC ACID ESTERS
DA January 1975
BT1 Esters
BT2 Organic Compounds

ISODOSE CURVES [01]
RT Depth Dose Distributions
RT Nonuniform Irradiation
RT Phantoms
RT Radiation Dose Distributions
RT Radiotherapy
RT Spatial Dose Distributions

ISOELECTRONIC ATOMS [01]
BT1 Atoms
RT Electronic Structure

ISOENZYMES [01]
UF+ *Isoamylase*
BT1 Enzymes

Isolated Locations
DA June 1978
USE Remote Areas

ISOLATED VALUES [01]
DA February 1979

BT1 Data Forms

ISOLATION CONDENSERS
DA January 1975
BT1 Steam Condensers
BT2 Vapor Condensers
BT3 Condensers
RT Heat Exchangers
RT Reactor Cooling Systems

ISOMED [01]
(Radiation plant for sterilization of medical products.)
DA December 1975
BT1 Irradiation Plants
BT2 Nuclear Facilities
RT Medical Supplies
RT Sterilization
RT Surgical Materials

ISOMER SHIFT [01]
RT Isomeric Nuclei
DEF Property shift between the isomeric and the ground states of a nucleus.

ISOMERASES [01]
BT1 Enzymes
RT Isomers

ISOMERIC NUCLEI [01]
BT1 Nuclei
RT Fission Isomers
RT Isomer Shift
RT Isomeric Transition Isotopes
RT Isomeric Transitions

***ISOMERIC TRANSITION ISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Isomeric Nuclei
RT Isomeric Transitions

ISOMERIC TRANSITIONS [01]
BT1 Energy-Level Transitions
RT Decay
RT Isomeric Nuclei
RT Isomeric Transition Isotopes

ISOMERIZATION [01]
DA September 1976
BT1 Chemical Reactions
DEF Process for converting hydrocarbon or other organic compound to an isomer.

ISOMERS [01]
(Only for geometrical isomers and stereoisomers in chemistry; see also ISOMERIC NUCLEI.)
RT Isomerases
RT Stereochemistry

ISONIAZID [01]
BT1 Drugs
BT1 Hydrazides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Pyridines

ISONITRILES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
RT Nitriles

ISOPENTYL ACETATE [01]
UF *Isoamyl Acetate*
BT1 Acetic Acid Esters
BT2 Carboxylic Acid Esters
BT3 Esters
BT4 Organic Compounds

ISOPRENE [01]
UF *2-Methylbutadiene*
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds
RT Polyisoprene

Isopropyl Cresol
USE Thymol

ISOPROPYL ETHER [01]
UF *Di-(2-Propyl) Ether*
UF *Diisopropyl Ether*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Organic Solvents

ISOPROPYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Isopropylbenzene
USE Cumene

Isopropyltoluene-para
USE Cymene

ISOSPIN [01]
UF *Isobaric Spin*
UF *Isotopic Spin*
BT1 Particle Properties
RT Charm Particles
RT Salam-Polkinghorne Theory
RT Yang-Mills Theory

ISOTHERM
DA August 1976
UF *Geoisotherm*
RT Temperature Distribution
RT Temperature Measurement
DEF A line connecting points of equal temperature.

ISOTHERMAL PROCESSES [01]
UF *Processes (Isothermal)*
RT Adiabatic Processes
RT Isentropic Processes
RT Thermodynamics

ISOTHIOCYANATES
DA April 1975
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Thiocyanates

Isotones
USE Isotonic Nuclei

ISOTONIC NUCLEI [01]
(Nuclei having identical number of neutrons.)
UF *Isotones*
BT1 Nuclei

Isotope Analysis (Quantitative)
USE Isotope Ratio

ISOTOPE APPLICATIONS [01]
NT1 Tracer Techniques
NT2 Dual-Isotope Subtraction Technique
NT2 Isotope Dilution
NT2 Labelled Pool Techniques
NT2 Radioactive Tracer Logging
NT2 Radioimmunoassay
RT Labelling
RT Radiocolloids

Isotope Composition (Quantitative)
USE Isotope Ratio

ISOTOPE DATING [01]
UF *Argon Method*
UF *Helium Method*
UF *Lead Method*
UF+ *Radiocarbon Dating*
BT1 Age Estimation
RT Carbon 14

ISOTOPE DILUTION [01]
BT1 Tracer Techniques
BT2 Isotope Applications
RT Dilution
RT Quantitative Chemical Analysis
RT Substoichiometry

ISOTOPE EFFECTS [01]
UF *Isotopic Effects*
RT Isotopes
RT Isotopic Exchange

ISOTOPE ENRICHED MATERIALS [01]
UF *Enriched Materials (Isotopes)*
NT1 Enriched Uranium
NT2 Highly Enriched Uranium
NT2 Moderately Enriched Uranium
NT2 Slightly Enriched Uranium
RT Gas Centrifugation
RT Isotope Separation
RT Isotopic Exchange

Isotope Enrichment
USE Isotope Separation

Isotope Exchange
USE Isotopic Exchange

ISOTOPE PRODUCTION [01]
RT Accelerators
RT Isotope Production Reactors
RT Isotopes
RT Production
RT Radioisotope Generators
RT Transmutation

ISOTOPE PRODUCTION REACTORS [01]
(For the production of radioisotopes to be used in any application such as medicine, agriculture, industry, etc; not for tritium production.)
BT1 Irradiation Reactors
BT2 Reactors
NT1 AFRRI Reactor
NT1 AI-L-77 Reactor
NT1 ALRR Reactor
NT1 Apsara Reactor
NT1 ARR Reactor
NT1 ASTRA Reactor
NT1 ATPR Reactor
NT1 BEPO Reactor
NT1 BER-1 Reactor
NT1 BER-2 Reactor
NT1 BGRR Reactor
NT1 BRR Reactor
NT1 BYU L-77 Reactor
NT1 Celestin Reactor
NT1 Cesnef Reactor
NT1 Cirus Reactor
NT1 Consort-2 Reactor
NT1 CP-5 Reactor
NT1 CWRR Reactor
NT1 Dido Reactor
NT1 DMTR Reactor
NT1 Dow TRIGA-Mk-1 Reactor
NT1 DR-2 Reactor
NT1 DR-3 Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 EL-3 Reactor
NT1 ETR Reactor
NT1 EWA Reactor
NT1 FIR-1 Reactor
NT1 FNR Reactor
NT1 FR-2 Reactor
NT1 FRF Reactor
NT1 FRG-2 Reactor
NT1 FRJ-2 Reactor
NT1 GETR Reactor
NT1 GTRR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 Gulf TRIGA-Mk-3 Reactor
NT1 HFIR Reactor
NT1 HIFAR Reactor
NT1 HTR Reactor
NT1 IAN-R1 Reactor
NT1 IRT-A Reactor
NT1 IRT-B Reactor
NT1 IRT-C Reactor
NT1 IRT-D Reactor
NT1 IRT-E Reactor
NT1 IRT-F Reactor
NT1 IRT Reactor
NT1 IRT-Sofia Reactor
NT1 Ispra-1 Reactor
NT1 JEEP-1 Reactor

BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

ISRAEL [01]
BT1 Asia
BT1 Middle East

Israeli Research Reactor-1
USE IRR-1 Reactor

Israeli Research Reactor-2
USE IRR-2 Reactor

ISX TOKAMAK [01]
DA April 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

ITACONIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ITALIAN ORGANIZATIONS [01]
BT1 National Organizations
NT1 AGIP Nucleare
NT1 CISE
NT1 CNEN

Italian TRIGA-Mark-II Reactor
USE TRIGA-2-Rome Reactor

ITALY [01]
BT1 Europe
NT1 Appennines
RT Adriatic Sea
RT Alps
RT Larderello Geothermal Field
RT Po River

ITEP SYNCHROTRON [01]
(Institute of Theoretical and Experimental Physics Synchrotron.)
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

ITERATIVE METHODS [01]
NT1 Finite Difference Method
NT1 Galerkin-Petrov Method
NT1 Newton Method
NT1 Runge-Kutta Method
RT Mathematics
RT Numerical Solution

ITR REACTOR
DA January 1975
UF *In-Core Thermionic Reactor*
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Thermionic Reactors
BT2 Power Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

IU CYCLOTRON [01]
DA May 1979
UF *Indiana University Cyclotron*
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

IU CYCLOTRON FACILITY
(Ion source terminal, injector cyclotron and main stage cyclotron at Indiana University.)
DA November 1975
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

IUDR
DA May 1975
USE Iododeoxyuridine

IUS
DA September 1977
USE Total Energy Systems

IVORY COAST [01]
DA January 1976
BT1 Africa

IVY PROJECT [01]
UF *Project (Ivy)*
RT Eniwetok
RT Nuclear Explosions

IXION
DA April 1975
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
DEF Plasma heating and confinement by superposition of radial electric fields on the axial magnetic fields (LASL).

J CODES [01]
BT1 Computer Codes

J-J COUPLING [01]
UF *Spin-Spin Interaction*
BT1 Intermediate Coupling
BT2 Coupling
RT Orbital Angular Momentum

J-3105 Resonances
DA June 1975
USE Psi-3105 Resonances

3J-Symbols
USE Clebsch-Gordan Coefficients

6J-Symbols
USE Racah Coefficients

9J-Symbols
USE Wigner Coefficients

JABILUKA DEPOSIT [01]
DA August 1978
BT1 Geologic Deposits
RT Northern Territory
RT Uranium Ores

JACKETS [01]
RT Fuel Cans
RT Reactor Components
RT Shrouds
RT Sleeves
DEF Device surrounding an object to be heated or cooled, e.g., water jackets.

JACKSON MODEL [01]
RT Compound Nuclei
RT Nuclear Reactions

JACOBIAN FUNCTION [01]
BT1 Functions

JAERI [01]
(Japanese Atomic Energy Research Institute.)
DA January 1975
UF *Japanese Atomic Energy Research Institute*
BT1 Japanese Organizations
BT2 National Organizations

Jaeri Fusion Torus-2A
DA November 1976
USE JFT-2A Tokamak

JAERI LINAC [01]
DA June 1975
BT1 Linear Accelerators
BT2 Accelerators

JAHN-TELLER EFFECT [01]
RT Energy Levels
RT Molecules

JAMAICA [01]
BT1 West Indies
BT2 Dominican Republic
BT3 Central America
BT4 Latin America

James A. Fitzpatrick Reactor
USE Fitzpatrick Reactor

JAMES RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Virginia

JAMESPORT-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

JAMESPORT-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

JANGLE PROJECT [01]
UF *Project (Jangle)*
RT Nuclear Explosions
RT Surface Explosions
RT Underground Explosions

JANUS REACTOR [01]
UF *Biological Research Reactor JANUS*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

JAPAN [01]
BT1 Asia
NT1 Hachimantai
NT1 Hiroshima
NT1 Nagasaki
RT Beppu Geothermal Field
RT Hatchobaru Geothermal Field
RT Matsukawa Geothermal Field
RT Onikobe Geothermal Field
RT Onuma Geothermal Field
RT Otake Geothermal Field
RT Piace Devices
RT Takenoyu Geothermal Field
RT Takinoue Geothermal Field

Japan ATR Fugen
USE JATR Reactor

Japan Fast Experimental Breeder Reactor
USE Joyo Reactor

Japan Htr
USE HTR Reactor

Japan Institute Plasma Physics Stellarator
USE JIPP Stellarator

Japan Materials Testing Reactor
USE JMTR Reactor

Japan NCA Reactor
USE NCA Reactor

Japan Power Demonstration Reactor
USE JPDR Reactor

Japan Power Demonstration Reactor-2
DA January 1975
USE JPDR-2 Reactor

Japan Research Reactor-1
USE JRR-1 Reactor

Japan Research Reactor-2
USE JRR-2 Reactor

Japan Research Reactor-3
USE JRR-3 Reactor

Japan Research Reactor-4
USE JRR-4 Reactor

Japan Ship Reactor Mutsu
USE Mutsu Reactor

Japanese Atomic Energy Research Institute
DA September 1975
USE JAERI

Japanese Nuclear Ship Development Agency
DA September 1975
USE JNSDA

JAPANESE ORGANIZATIONS [01]
DA January 1975
BT1 National Organizations
NT1 JAERI
NT1 JNSDA
NT1 PNC

JAPCO-1 Reactor
DA April 1975
USE Tokai-Mura Reactor

JAPCO-2 Reactor
USE Tsuruga Reactor

JAPCO-3 Reactor
DA April 1975
USE Tokai-2 Reactor

JASON REACTOR [01]
UF *UK Royal Naval College-Jason Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

JASTROW THEORY [01]
RT Hard-Core Potential
RT Nucleon-Nucleon Potential

JATR REACTOR [01]
UF *Advanced Thermal Reactor Fugen*
UF *Fugen ATR*
UF *Japan ATR Fugen*
BT1 HWLWR Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

JAUNDICE [01]
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
RT Hepatitis
RT Liver

JAW [01]
UF *Alveoli (Dental)*
BT1 Skull
BT2 Skeleton
BT3 Organs
BT4 Body
RT Teeth

JECCO PROCESS
DA January 1975
BT1 Lime-Limestone Wet Scrubbing Processes
BT2 Scrubbing
RT Desulfurization
RT Waste Processing
DEF Japanese process using lime to remove SO_2 in flue gas as gypsum.

JEEP-1 REACTOR [01]
UF *Joint Establishment Experimental Pile-1*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

JEEP-2 REACTOR [01]
UF *Joint Establishment Experimental Pile-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

Jejunum
USE Small Intestine

JEMEZ MOUNTAINS
DA January 1975
BT1 Mountains
BT1 New Mexico
BT2 Southwest Region
BT2 USA
BT3 North America

JEN REACTOR [01]
UF *Portuguese JEN Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

JEN-1 REACTOR [01]
UF *Spanish JEN-1 Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

JEN-2 REACTOR [01]
UF *Spanish JEN-2 Research Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Jensen Sarcoma
USE Experimental Neoplasms

JERVIS BAY REACTOR [01]
BT1 Power Reactors
BT2 Reactors

JESSE EFFECT [01]
RT Gases
RT Impurities
RT Ionization
DEF Change of ionization characteristics when impurities are added to certain gases.

JET DRILLS
DA March 1977
BT1 Drills
BT2 Drilling Equipment
BT3 Equipment
RT Drill Bits
RT Jets
RT Nozzles

JET ENGINE FUELS
DA January 1975
BT1 Fuels
RT Aviation Fuels
RT Hydrogen Fuels

JET MODEL [01]
DA November 1976
UF *UJM*
UF *Uncorrelated-Jet Model*
BT1 Particle Models
BT2 Mathematical Models

JET REACTORS
DA April 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

JETS [01]
RT Fluid Flow
RT Jet Drills
RT Nozzles

JEZEBEL REACTOR [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

JFER Reactor
USE Joyo Reactor

JFT-2A TOKAMAK [01]
DA November 1976
UF *Jaeri Fusion Torus-2A*
BT1 Tokamak Devices
BT2 Closed Plasma Devices

BT3 Thermonuclear Devices

JFT-2 TOKAMAK [01]
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

JGC METHANE-RICH GAS PROCESS
DA January 1976
UF *Methane Rich Gas Process*
UF *MRG Process*
BT1 SNG Processes
RT High BTU Gas
RT Methanation
RT Reformer Processes
RT Town Gas
DEF Prodution of town gas or SNG from naphtha, natural gasoline, LPG, kerosine, or methanol by catalytic reforming and methanation.

JIGS
DA February 1976
BT1 Concentrators
RT Density
RT Separation Processes
RT Sorting

JININGITE [01]
BT1 Thorite
BT2 Thorium Minerals
BT3 Radioactive Minerals
BT4 Minerals
BT4 Radioactive Materials
BT2 Thorium Silicates
BT3 Silicates
BT4 Oxygen Compounds
BT4 Silicon Compounds
BT3 Thorium Compounds
BT4 Actinide Compounds

JINR [01]
UF *Joint Institute for Nuclear Research*
BT1 International Organizations

JINR CYCLOTRONS [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

JINR SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

JIPP STELLARATOR [01]
UF *Japan Institute Plasma Physics Stellarator*
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

JMTR REACTOR [01]
UF *Japan Materials Testing Reactor*
UF *Materials Testing Reactor Japan*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

JNSDA [01]
DA September 1975
UF *Japanese Nuclear Ship Development Agency*
BT1 Japanese Organizations
BT2 National Organizations

JOHANNITE [01]
BT1 Copper Sulfates
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Sulfates
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

JOINING [01]
BT1 Fabrication
NT1 Bonding
NT2 Self-Welding
NT1 Fastening
NT1 Welding
NT2 Arc Welding
NT3 Gas Metal-Arc Welding
NT3 Gas Tungsten-Arc Welding
NT3 Plasma Arc Welding
NT3 Shielded Metal-Arc Welding
NT3 Submerged Arc Welding
NT2 Brazing
NT2 Diffusion Welding
NT2 Electron Beam Welding
NT2 Electroslag Welding
NT2 Explosion Welding
NT2 Forge Welding
NT2 Friction Welding
NT2 Gas Welding
NT2 Induction Welding
NT2 Laser Welding
NT2 Magnetic Force Welding
NT2 Resistance Welding
NT3 Flash Welding
NT3 Projection Welding
NT2 Soldering
NT2 Ultrasonic Welding
NT2 Vacuum Welding
RT Compatibility
RT Couplings
RT Fasteners

Joint Committee on Atomic Energy
DA September 1975
USE US JCAE

Joint Establishment Experimental Pile-1
USE JEEP-1 Reactor

Joint Establishment Experimental Pile-2
USE JEEP-2 Reactor

Joint Institute for Nuclear Research
USE JINR

JOINT VENTURES
DA November 1978
RT Industry
RT Legal Aspects
DEF A commercial or maritime enterprise undertaken by several persons jointly; a limited partnership - not limited in the statutory sense as to the liability of the partners, but as to its scope and duration.

JOINTS [01]
(Mechanical joints only, not for BONE JOINTS.)
UF *Connections*
NT1 Bolted Joints
NT1 Expansion Joints
NT1 Pipe Joints
NT1 Soldered Joints
NT1 Welded Joints
NT2 Brazed Joints
NT2 Lap Welds
RT Bonding
RT Closures
RT Compatibility
RT Fastening
RT Flanges
RT Junctions

Joints (Anatomy)
USE Bone Joints

JOMINY END-QUENCH TECHNIQUE [01]
RT Quench Hardening

JONES REDUCTOR [01]
RT Reduction

JOOS-WEINBERG EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Dirac Equation
RT Quantum Electrodynamics
RT Relativity Theory
RT Spin

JORDAN
DA January 1975
BT1 Asia

JORUM EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

Jose Cabrera Reactor
USE Zorita-1 Reactor

Joseph M. Farley-1 Reactor
USE Farley-1 Reactor

Joseph M. Farley-2 Reactor
USE Farley-2 Reactor

JOSEPHSON EFFECT [01]
RT Josephson Junctions
RT Superconductivity

JOSEPHSON JUNCTIONS [01]
BT1 Superconducting Junctions
RT Josephson Effect
RT Semiconductor Junctions
RT Superconducting Devices

JOST FUNCTION [01]
BT1 Functions
RT Scattering
RT Schroedinger Equation

JOULE HEATING [01]
UF *Ohmic Plasma Heating*
BT1 Plasma Heating
BT2 Heating

JOULE-THOMSON EFFECT
DA September 1978
RT Gas Flow
RT Thermodynamic Properties
RT Thermodynamics
DEF A change of temperature in a gas undergoing Joule-Thomson expansion.

JOURNAL BEARINGS [01]
BT1 Bearings

JOYO REACTOR [01]
UF *EFR Reactor*
UF *Fast Experimental Breeder Reactor Japan*
UF *Japan Fast Experimental Breeder Reactor*
UF *JFER Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Liquid Metal Cooled Reactors

BT2 Reactors
BT1 Power Reactors
BT2 Reactors

JPDR REACTOR [01]
UF *Japan Power Demonstration Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT JPDR-2 Reactor

JPDR-2 REACTOR
DA January 1975
UF *Japan Power Demonstration Reactor-2*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
RT JPDR Reactor

JPFR Reactor
(Prior to April, 1977 this was a valid descriptor and was used interchangeably with MONJU REACTOR.)
DA April 1977
USE Monju Reactor

JPL PROCESS
DA July 1978
BT1 Desulfurization
BT2 Chemical Reactions
RT Coal Preparation
DEF Coal desulfurization process consisting of sequential steps of chlorination, hydrolysis, and dechlorination.

JRR-1 REACTOR [01]
UF *Japan Research Reactor-1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

JRR-2 REACTOR [01]
UF *Japan Research Reactor-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

JRR-3 REACTOR [01]
UF *Japan Research Reactor-3*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

JRR-4 REACTOR [01]
UF *Japan Research Reactor-4*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

JT-60 REACTORS
DA April 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

Juelich-Dido Reactor
USE FRJ-2 Reactor

Juelich-Merlin Reactor
USE FRJ-1 Reactor

JUGGERNAUT REACTOR [01]
UF *Argonne Low Power Research Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Juices
USE Beverages

JUNCTION DETECTORS [01]
UF *P-N Counters*
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Li-Drifted Junction Detectors

JUNCTION DIODES [01]
UF *Zener Diodes*
BT1 Semiconductor Diodes
BT2 Semiconductor Devices

JUNCTION TRANSISTORS [01]
BT1 Transistors
BT2 Semiconductor Devices
RT Semiconductor Junctions

JUNCTIONS
DA May 1975
NT1 Semiconductor Junctions
NT2 MIM Junctions
NT2 P-N Junctions
RT Joints

Junctions (Semiconductor)
USE Semiconductor Junctions

JUNO REACTOR [01]
UF *UKAEA-Juno Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

JUPITER PLANET [01]
BT1 Planets

JURASSIC PERIOD
DA October 1977
BT1 Mesozoic Era
BT2 Geologic Ages

JUTE [01]
BT1 Plants
RT Fibers
RT Textiles

JUVENILES
DA April 1976
BT1 Animals
RT Adolescents

K01
USE Kaons Neutral Short-Lived

K02
USE Kaons Neutral Long-Lived

K ABSORPTION [01]
BT1 Absorption

K CAPTURE [01]
BT1 Electron Capture Decay
BT2 Beta Decay
BT3 Decay

K CODES [01]
BT1 Computer Codes

K CONVERSION [01]
UF *K-Conversion Coefficient*
BT1 Internal Conversion
BT2 Conversion
BT2 Decay

K-Conversion Coefficient
USE K Conversion

K-HARMONICS METHOD [01]
DA January 1975
RT Nuclear Structure

K MATRIX [01]
BT1 Matrices
RT Nuclear Reactions
RT Unitary Pole Approximation

K-25 Plant
DA February 1975
USE ORGDP

K REACTOR [01]
UF *Savannah River Plant K Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Special Production Reactors
BT2 Production Reactors
BT3 Reactors

K-892 RESONANCES [01]
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons

BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

K-1240 RESONANCES [01]
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

K-1320 RESONANCES [01]
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

K-1420 RESONANCES [01]
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
BT1 Tensor Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

K-1775 RESONANCES [01]
UF *L Resonances*
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

K-1871 RESONANCES [01]
DA March 1978
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

K SHELL [01]
DA August 1976
UF *Atomic Shells (K)*
BT1 Electronic Structure

Kahl-Main Reactor
USE HDR Reactor

Kahl-VAK Reactor
USE VAK Reactor

KAHLERITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

KAHTER REACTOR
DA November 1975
UF *Kritische Anlage zum HTR*
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

KAINOSITE [01]
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Cerium Silicates
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Yttrium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Yttrium Compounds
BT3 Transition Element Compounds

KAISERAUGST REACTOR [01]
DA April 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

KALE
DA January 1975
BT1 Vegetables
BT2 Food

Kalkar Power Reactor
DA October 1975
USE SNR-1 Reactor

KALLIKREIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

KALPAKKAM LMFBR REACTOR [01]
UF *Test Fast Breeder Reactor Kalpakkam*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

KALPAKKAM PFR REACTOR [01]
DA December 1975
UF *Kalpakkam Pulsed Fast Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors

Kalpakkam Pulsed Fast Reactor
DA December 1975
USE Kalpakkam PFR Reactor

KALPAKKAM-1 REACTOR [01]
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

KALPAKKAM-2 REACTOR [01]
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

KALPAKKAM REACTOR RESEARCH CENTER [01]
(Reactor Research Centre, Kalpakkam, India.)
DA June 1977
BT1 Indian Organizations
BT2 National Organizations

KAMCHATKA
DA June 1978
BT1 USSR
BT2 Europe

Kangaroo Rat
(Long-tailed jumping rat of western U.S.A.)
USE Rodents

Kansai-1 Reactor
USE Mihama-1 Reactor

Kansai-2 Reactor
USE Mihama-2 Reactor

Kansai-3 Reactor
USE Takahama-1 Reactor

Kansai-4 Reactor
USE Takahama-2 Reactor

KANSAS [01]
BT1 Midwest Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Missouri River
RT Ozark Region

Kansas State University TRIGA Mk-II
USE TRIGA-2-Kansas Reactor

KANTHAL [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys

KANUPP REACTOR [01]
UF *Karachi Nuclear Power Plant*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

KAOLIN [01]
UF *China Clay*
BT1 Clays
BT2 Minerals
RT Kaolinite
DEF A group of clay minerals, mainly hydrous aluminium silicate having approximate composition $Al_2O_3.2SiO_2.2H_2O$.

KAOLINITE
DA June 1975
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
RT Kaolin
DEF A hydrous silicate of aluminum, $Al_2Si_2O_5(OH)_4$, that constitutes the principal mineral in kaolin.

KAON BEAMS [01]
BT1 Meson Beams
BT2 Particle Beams
BT3 Beams

KAON DETECTION [01]
DA January 1975
BT1 Radiation Detection
BT2 Detection

KAON-DEUTERON INTERACTIONS
DA February 1975
UF *Kaon Minus-Deuteron Interactions*
UF *Kaon Neutral-Deuteron Interactions*
UF *Kaon Plus-Deuteron Interactions*
BT1 Meson-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
RT Deuterons
RT Kaons

KAON-HYPERON INTERACTIONS [01]
BT1 Meson-Hyperon Interactions
BT2 Meson-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

KAON-KAON INTERACTIONS [01]
BT1 Meson-Meson Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

Kaon Minus-Deuteron Interactions
DA February 1975
USE Kaon-Deuteron Interactions

KAON MINUS-NEUTRON INTERACTIONS [01]
DA July 1976
BT1 Kaon-Neutron Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON MINUS-PROTON INTERACTIONS [01]
DA July 1976
BT1 Kaon-Proton Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON MINUS REACTIONS [01]
DA July 1976
BT1 Kaon Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

Kaon Neutral-Deuteron Interactions
DA February 1975
USE Kaon-Deuteron Interactions

KAON NEUTRAL-NEUTRON INTERACTIONS
DA July 1976
BT1 Kaon-Neutron Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON NEUTRAL-PROTON INTERACTIONS [01]
DA July 1976
BT1 Kaon-Proton Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON NEUTRAL REACTIONS
DA July 1976
BT1 Kaon Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

KAON-NEUTRON INTERACTIONS [01]
BT1 Kaon-Nucleon Interactions
BT2 Meson-Nucleon Interactions
BT3 Meson-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Kaon Minus-Neutron Interactions
NT1 Kaon Neutral-Neutron Interactions
NT1 Kaon Plus-Neutron Interactions

KAON-NUCLEON INTERACTIONS [01]
BT1 Meson-Nucleon Interactions
BT2 Meson-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Kaon-Neutron Interactions
NT2 Kaon Minus-Neutron Interactions
NT2 Kaon Neutral-Neutron Interactions
NT2 Kaon Plus-Neutron Interactions
NT1 Kaon-Proton Interactions
NT2 Kaon Minus-Proton Interactions
NT2 Kaon Neutral-Proton Interactions
NT2 Kaon Plus-Proton Interactions

Kaon Plus-Deuteron Interactions
DA February 1975
USE Kaon-Deuteron Interactions

KAON PLUS-NEUTRON INTERACTIONS [01]
DA July 1976
BT1 Kaon-Neutron Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON PLUS-PROTON INTERACTIONS [01]
DA July 1976
BT1 Kaon-Proton Interactions
BT2 Kaon-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

KAON PLUS REACTIONS [01]
DA July 1976
BT1 Kaon Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

KAON-PROTON INTERACTIONS [01]
BT1 Kaon-Nucleon Interactions
BT2 Meson-Nucleon Interactions
BT3 Meson-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Kaon Minus-Proton Interactions
NT1 Kaon Neutral-Proton Interactions
NT1 Kaon Plus-Proton Interactions

KAON REACTIONS [01]
BT1 Meson Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
BT2 Hadron Reactions
BT3 Nuclear Reactions
NT1 Kaon Minus Reactions
NT1 Kaon Neutral Reactions
NT1 Kaon Plus Reactions

KAONIC ATOMS [01]
BT1 Mesic Atoms
BT2 Hadronic Atoms
BT3 Atoms

KAONS [01]
BT1 Pseudoscalar Mesons
BT2 Mesons

BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT1 Strange Particles
BT2 Elementary Particles
NT1 Antikaons
NT2 Antikaons Neutral
NT1 Cosmic Kaons
NT1 Kaons Minus
NT1 Kaons Neutral
NT2 Antikaons Neutral
NT2 Kaons Neutral Long-Lived
NT2 Kaons Neutral Short-Lived
NT1 Kaons Plus
RT Kaon-Deuteron Interactions

Kaons 1
USE Kaons Neutral Short-Lived

Kaons 2
USE Kaons Neutral Long-Lived

KAONS MINUS [01]
BT1 Kaons
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

KAONS NEUTRAL [01]
BT1 Kaons
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
NT1 Antikaons Neutral
NT1 Kaons Neutral Long-Lived
NT1 Kaons Neutral Short-Lived

KAONS NEUTRAL LONG-LIVED [01]
UF *K02*
UF *Kaons 2*
BT1 Kaons Neutral
BT2 Kaons
BT3 Pseudoscalar Mesons
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

KAONS NEUTRAL SHORT-LIVED [01]
UF *K01*
UF *Kaons 1*
BT1 Kaons Neutral
BT2 Kaons
BT3 Pseudoscalar Mesons
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

KAONS PLUS [01]
BT1 Kaons
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

KAPITZA RESISTANCE [01]
BT1 Thermal Boundary Resistance

KAPL [01]
UF *Knolls Atomic Power Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

KAPL REACTOR [01]
UF *Knolls Atomic Power Laboratory Reactor*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

KAPPA-725 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

Kapur-Peierls Method
USE Peierls Method

Karachi Nuclear Power Plant
USE KANUPP Reactor

KARLSRUHE CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Karlsruhe Nuclear Research Center
DA May 1975
USE Kernforschungszentrum Karlsruhe

KARLSRUHE REPROCESSING PLANT [01]
DA February 1979
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

Karlsruhe Research Reactor FR-2
USE FR-2 Reactor

KARYOTYPE [01]
RT Acrocentric Chromosomes
RT Chromosomal Aberrations
RT Chromosomes
RT Genome Mutations

Kashima-1 Reactor
USE Shimane-1 Reactor

Kasseri Event
DA June 1977
USE Anvil Project

Kawasaki-Hitachi Training Reactor
USE HTR Reactor

KAWERAU GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT New Zealand

KAZAKHSTAN CYCLOTRON [01]
DA June 1975
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

KBR-1 REACTOR
(Soviet annular oscillator fast reactor.)
DA January 1975
UF *Cobra Reactor*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

KCB Reactor
USE Borssele Reactor

KDF COMPUTERS [01]
BT1 Computers

Keelson Event
DA June 1977
USE Anvil Project

KEK LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

KEK SYNCHROTRON [01]
(Japan National Lab for High Energy Physics Synchrotron.)
DA April 1975
UF *Tsukuba KEK Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

KEL-F [01]
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Polyethylenes
BT2 Polyolefins
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

KELLOGG PROCESS
DA January 1975
UF *Molten Salt Process (Kellogg)*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 SNG Processes
RT High BTU Gas
DEF M. W. Kellogg Company process for producing high-Btu gas in which synthesis gas, produced by using molten salt (sodium carbonate) to provide heat and possibly catalyze the reaction, is methanated.

Kelp
DA December 1976
USE Seaweeds

Kelvin-Helmholtz Instability
USE Helmholtz Instability

Kema Suspension Test Reactor
USE KSTR Reactor

KENTUCKY [01]
BT1 Southeast Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Cumberland River
RT Mississippi River
RT Ohio River
RT Tennessee River

KENYA [01]
BT1 Africa

KEPCO Oshima Oi-1 Reactor
USE Oi-1 Reactor

KEPCO Oshima Oi-2 Reactor
USE Oi-2 Reactor

KEPONE
DA September 1978
BT1 Insecticides
BT2 Pesticides
RT Organic Chlorine Compounds

KERATIN [01]
BT1 Scleroproteins
BT2 Proteins
BT3 Organic Compounds

KERMA [01]
RT Ionization
RT Kinetic Energy

RT Radiation Doses
DEF Total kinetic energy of charged particles produced by ionizing radiation per unit mass of irradiated material in ergs per gram.

KERNELS [01]
NT1 Point Kernels
RT Integral Equations

Kernels (Fuel)
USE Fuel Pellets

Kernels (Slowing-Down)
USE Slowing-Down Kernels

KERNFORSCHUNGSANLAGE JUELICH [01]
BT1 German FR Organizations
BT2 National Organizations

KERNFORSCHUNGSZENTRUM KARLSRUHE [01]
UF *Karlsruhe Nuclear Research Center*
BT1 German FR Organizations
BT2 National Organizations

Kernfysisch Versneller Instituut
DA October 1977
USE KVI

Kernkraftwerk Biblis
USE Biblis-A Reactor

Kernkraftwerk Biblis-3
DA November 1976
USE Biblis-3 Reactor

Kernkraftwerk Biblis-4
DA November 1976
USE Biblis-4 Reactor

Kernkraftwerk Brokdorf
DA November 1976
USE Brokdorf Reactor

Kernkraftwerk Goesgen-Daeniken
USE Goesgen Reactor

Kernkraftwerk Isar
USE Isar Reactor

Kernkraftwerk Lingen
USE Lingen Reactor

Kernkraftwerk Niederaichbach
USE Niederaichbach Reactor

Kernkraftwerk Obrigheim
USE Obrigheim Reactor

Kernkraftwerk Philippsburg-1
USE Philippsburg-1 Reactor

Kernkraftwerk Philippsburg-2
USE Philippsburg-2 Reactor

Kernkraftwerk RWE-Bayernwerk
USE RWE-Bayernwerk Reactor

Kernkraftwerk Stade
USE Stade Reactor

Kernkraftwerk Wuergassen
USE Wuergassen Reactor

KEROGEN
DA January 1975
RT Oil Shales
RT Shale Oil
DEF Solid, bituminous mineraloid substance in oil shales that yields oil when shales undergo destructive distillation.

KEROSENE [01]
BT1 Fuels
BT1 Petroleum Products
RT Automotive Fuels
RT Gas Oils

KERR EFFECT [01]
BT1 Dielectric Properties
BT2 Electrical Properties
BT3 Physical Properties
RT Magneto-Optical Effects
RT Polarization
RT Visible Radiation

KERR FIELD [01]
BT1 Gravitational Fields
RT Axial Symmetry
RT Einstein Field Equations
RT Kerr Metric

KERR METRIC [01]
BT1 Metrics
RT Kerr Field

KETENES [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
RT Carboxylic Acids

KETO ACIDS [01]
(For CARBOXYLIC ACIDS only.)
UF *Oxocarboxylic Acids*
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
NT1 Acetoacetic Acid
NT1 Kynurenine
NT1 Levulinic Acid
NT1 Pyruvic Acid

Ketobutyric Acid-beta
USE Acetoacetic Acid

KETONES [01]
BT1 Organic Compounds
NT1 Acetone
NT1 Acetophenone
NT1 Acetylacetone
NT1 Androstenedione
NT1 Androsterone
NT1 Benzophenone
NT1 Camphor
NT1 Corticosteroids
NT2 Glucocorticoids
NT3 Corticosterone
NT3 Cortisone
NT3 Dexamethasone
NT3 Hydrocortisone
NT3 Prednisolone
NT3 Prednisone
NT2 Mineralocorticoids
NT3 Aldosterone
NT3 DOCA
NT1 Curcumin
NT1 Cyclohexanone
NT1 Dianabol
NT1 Estrone
NT1 Fructose
NT1 Hydroxyandrostenone
NT1 Hydroxypregnenone
NT1 Methyl Isobutyl Ketone
NT1 Ninhydrin
NT1 PAPP
NT1 2-3-Pentanedione
NT1 Phlorizin
NT1 POP
NT1 Progesterone
NT1 Ribulose
NT1 Sedoheptulose
NT1 Sorbose
NT1 TAN
NT1 Testosterone
NT1 Tropones
NT1 TTA
NT1 Violanthrone
RT Enols
RT Hydrazones
RT Imines
RT Oximes
RT Quinones
RT Semicarbazones

Ketopropionic Acid-alpha
USE Pyruvic Acid

Ketosteroids (Urinary)
USE Urinary Ketosteroids

Ketovaleric Acid-gamma
USE Levulinic Acid

KEV RANGE [01]
BT1 Energy Range
NT1 KeV Range 01-10
NT1 KeV Range 10-100
NT1 KeV Range 100-1000

KEV RANGE 01-10 [01]
BT1 KeV Range
BT2 Energy Range

KEV RANGE 10-100 [01]
BT1 KeV Range
BT2 Energy Range

KEV RANGE 100-1000 [01]
BT1 KeV Range
BT2 Energy Range

Kevlar
DA July 1978
USE Aramids

KEWAUNEE REACTOR [01]
UF *Carlton Power Reactor*
UF *Wisconsin Public Service Power Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

KEWB REACTOR [01]
UF *Kinetic Experiment Water Boiler*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

KFKI Reactor
DA July 1975
USE WWR-S-Budapest Reactor

KGRA
DA May 1976
UF *Known Geothermal Resource Area*
NT1 Roosevelt Hot Springs
RT Geothermal Fields

KHALATNIKOV THEORY [01]
RT Superfluidity
RT Thermodynamics

KHARKOV LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

KHURI REPRESENTATION [01]
RT Mandelstam Representation

KHZ RANGE [01]
BT1 Frequency Range
NT1 KHz Range 01-100
NT1 KHz Range 100-1000

KHZ RANGE 01-100 [01]
BT1 KHz Range
BT2 Frequency Range

KHZ RANGE 100-1000 [01]
BT1 KHz Range
BT2 Frequency Range

KICKER MAGNETS
DA May 1979
BT1 Magnets
RT Beam Extraction
RT Beam Optics

Kicksorters
USE Pulse Analyzers

Kidney Stones
USE Calculi

AND Urinary Tract

KIDNEYS [01]
BT1 Organs
BT2 Body
NT1 Glomeruli
NT1 Mechanical Kidney
NT1 Tubules
RT Blood Circulation
RT Excretion
RT Nephrectomy
RT Nephritis
RT Nephrosclerosis
RT Renal Clearance
RT Renin
RT Uremia
RT Urinary Tract
RT Urine
RT Urogenital System Diseases

Kieselguhr
DA April 1975
USE Diatomaceous Earth

Kihara Core
USE Kihara Potential

KIHARA POTENTIAL [01]
UF *Kihara Core*
UF *Kihara Theory*
RT Atoms
RT Molecules

Kihara Theory
USE Kihara Potential

KIKUCHI LINES [01]
RT Crystal Structure
RT Dislocations
RT Electron Diffraction

KILAUEA VOLCANO
DA December 1977
BT1 Volcanoes
RT Hawaii

KILNS
DA September 1977
NT1 Solar Kilns
RT Furnaces
DEF A heated enclosure used for drying, burning, or firing materials.

KILO AMP BEAM CURRENTS [01]
(Above 1000 amp.)
BT1 Beam Currents
BT2 Currents

KIMBERLITES [01]
DA April 1975
BT1 Igneous Rocks
BT2 Rocks

Kinases (Phosphotransferases)
USE Phosphotransferases

Kinematics (Particle)
USE Particle Kinematics

KINETIC ENERGY [01]
BT1 Energy
RT Angular Momentum
RT Energy Recovery
RT Kerma
RT Lagrangian Function
RT Linear Momentum
RT Moment of Inertia
RT Motion
RT Particle Rapidity
RT Potential Energy
RT Velocity
RT Virial Theorem

KINETIC EQUATIONS [01]
(For reactor kinetics use REACTOR KINETICS EQUATIONS.)
BT1 Equations
RT Boltzmann Equation
RT Collisions
RT Gases
RT Plasma
RT Statistical Mechanics

Kinetic Experiment Water Boiler
USE KEWB Reactor

Kinetic Intense Neutron Generator
USE King Reactor

KINETICS [01]
NT1 Reaction Kinetics
NT2 Biochemical Reaction Kinetics
NT2 Chemical Reaction Kinetics
NT3 Combustion Kinetics
NT2 Nuclear Reaction Kinetics
NT1 Reactor Kinetics
RT Collisions
RT Deck Effect
RT Gases
RT Mechanics
RT Motion
RT Statistical Mechanics
RT Translocation

Kinetics Equations (Reactor)
USE Reactor Kinetics Equations

KINETIN [01]
UF *6-Furfurylaminopurine*
BT1 Adenines
BT2 Amines
BT3 Organic Compounds
BT2 Purines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Furans
RT Plant Growth
RT Plant Growth Regulators

KING REACTOR [01]
UF *Kinetic Intense Neutron Generator*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

KININS [01]
DA January 1975
BT1 Peptides
BT2 Proteins
BT3 Organic Compounds
NT1 Bradykinin

KINK INSTABILITY [01]
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability

Kinki University UTR-10 Reactor
USE UTR-10-Kinki Reactor

KINSHASA [01]
BT1 Zaire Republic
BT2 Africa

KIRCHHEIMERITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Cobalt Oxides
BT2 Cobalt Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

KIRKENDALL EFFECT [01]
RT Diffusion

KISLOGUBSK POWER PLANT
DA June 1975
BT1 Tidal Power Plants
BT2 Power Plants

KISSLINGER-SORENSEN THEORY [01]
RT Nuclear Models
RT Superconductivity

KIVITER PROCESS
DA March 1977
RT Oil Shales
DEF Coarsley sized shale processed in downflow retort, with raw shale preheating section near top. Hot recycle gases and gas burner provide heat.

KIWI-A-PRIME REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-A-Prime*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-A REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-A*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-A3 REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-A3*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B1A REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B1A*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors

BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B2A REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B2A*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B4A REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B4A*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B1B REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B1B*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B4B REACTOR
DA February 1975
BT1 Kiwi Reactors

KIWI-B4D REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B4D*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI-B4E REACTOR [01]
UF *Nuclear Rocket Reactor Experiment-Kiwi-B4E*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

KIWI REACTORS
DA January 1975
NT1 Kiwi-A-Prime Reactor
NT1 Kiwi-A Reactor
NT1 Kiwi-A3 Reactor
NT1 Kiwi-B1A Reactor
NT1 Kiwi-B2A Reactor
NT1 Kiwi-B4A Reactor
NT1 Kiwi-B1B Reactor
NT1 Kiwi-B4B Reactor
NT1 Kiwi-B4D Reactor
NT1 Kiwi-B4E Reactor
NT1 Kiwi-TNT Reactor

KIWI-TNT REACTOR [01]
UF *Kiwi-Transient Test Reactor*
UF *TNTR-Kiwi*
UF *Transient Nuclear Test Reactor-Kiwi*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Kiwi Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

Kiwi-Transient Test Reactor
USE Kiwi-TNT Reactor

KIZILDERE GEOTHERMAL FIELD
DA July 1976
BT1 Geothermal Fields
RT Turkey

KJELDAHL METHOD [01]
RT Nitrogen
RT Quantitative Chemical Analysis

KKB Reactor
SEE Brunsbuettel Reactor

KKI Isar
USE Isar Reactor

KKK Reactor
USE Kruemmel Reactor

KKN Reactor
USE Niederaichbach Reactor

KKP-1 Philippsburg Reactor
USE Philippsburg-1 Reactor

KKP-2 Philippsburg Reactor
USE Philippsburg-2 Reactor

KKS Reactor
USE Stade Reactor

KKU Reactor
USE Unterweser Reactor

KLEBSIELLA
DA July 1979
BT1 Bacteria
BT2 Microorganisms

KLEIN-GORDON EQUATION [01]
BT1 Wave Equations
BT2 Differential Equations
BT3 Equations
RT Quantum Mechanics

KLEIN-NISHINA FORMULA [01]
RT Compton Effect

KLYSTRONS [01]
BT1 Microwave Tubes
BT2 Electron Tubes
BT2 Microwave Equipment
BT3 Electronic Equipment
RT Magnetrons
RT Power Supplies
RT RF Systems

KNIGHT EFFECT [01]
RT Spectral Shift

KNIGHT SHIFT [01]
RT Nuclear Magnetic Resonance
RT Spectral Shift

Knipp-Bloch Theory
USE Knipp-Uhlenbeck Theory

KNIPP-UHLENBECK THEORY [01]
UF *Knipp-Bloch Theory*
RT Beta Decay

KNK REACTOR [01]
UF *Kompakte Natriumgekuehlte Reaktor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SZR Type Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KNK-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SZR Type Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KNOCK-ON [01]
RT Recoils

Knock-On Electrons
USE Electrons

KNOCK-ON REACTIONS [01]
BT1 Direct Reactions
BT2 Nuclear Reactions
RT Knock-Out Reactions

KNOCK-OUT REACTIONS [01]
BT1 Direct Reactions
BT2 Nuclear Reactions
RT Knock-On Reactions
RT Recoils

Knolls Atomic Power Laboratory
USE KAPL

Knolls Atomic Power Laboratory Reactor
USE KAPL Reactor

KNOOP HARDNESS [01]
RT Hardness

Known Geothermal Resource Area
DA May 1976
USE KGRA

Knudsen Effusion
USE Knudsen Flow

KNUDSEN FLOW [01]
UF *Knudsen Effusion*
UF *Knudsen Number*
BT1 Gas Flow
BT2 Fluid Flow
RT Vapor Pressure

KNUDSEN GAGES [01]
BT1 Vacuum Gages
BT2 Pressure Gages
BT3 Measuring Instruments

Knudsen Number
USE Knudsen Flow

KOEBERG-1 REACTOR [01]
DA December 1975
UF *Escom-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

KOEBERG-2 REACTOR
DA February 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

KOLA-1 REACTOR
DA June 1978
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

KOLA-2 REACTOR
DA June 1978
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

KOLMOGOROV EQUATION
DA January 1975
RT Chapman-Kolmogorov Equation
RT Markov Process
RT Transport Theory

Kompakte Natriumgekuehlte Reaktor
USE KNK Reactor

KONDO EFFECT [01]
RT Antiferromagnetic Materials

KONEL [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

KOONGARRA DEPOSIT [01]
DA August 1978
BT1 Geologic Deposits
RT Northern Territory
RT Uranium Ores

KOPPERS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF A process for production of water gas or synthesis gas from coal dust.

KOPPERS-TOTZEK PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF A process in which all types of coal can be reacted at atmospheric pressure and 3300°F with steam and oxygen in a gasifier (a refractory-lined, horizontal, cylindrical vessel with conical ends) to produce intermediate- or high-Btu gas.

KOPPERS VACUUM CARBONATE PROCESS
DA August 1977
RT Desulfurization
RT Waste Processing

Korea (North)
USE North Korea

Korea (South)
USE Republic of Korea

Korean TRIGA-Mark-II Reactor
USE TRIGA-2-Seoul Reactor

Korean TRIGA-Mark-3 Reactor
DA January 1975
USE TRIGA-3-Seoul Reactor

KORI-1 REACTOR [01]
UF *Pusan Kori-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

KORI-2 REACTOR
DA April 1977
UF *Pusan Kori-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

KORTEWEG-DE VRIES EQUATION [01]
BT1 Differential Equations
BT2 Equations

KOSHKONONG-1 REACTOR [01]
(Name changed to HAVEN-1 REACTOR in July, 1978 and more recent material should be so indexed.)
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KOSHKONONG-2 REACTOR [01]
(Name changed to HAVEN-2 REACTOR in July, 1978 and more recent material should be so indexed.)
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KOSMOS SATELLITES [01]
BT1 Satellites
RT Interkosmos Satellites
RT Proton Satellites

KOSSEL METHOD [01]
RT Laue Method

KOVAR [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys

KOZLODUY-1 REACTOR [01]
DA June 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KOZLODUY-2 REACTOR [01]
DA June 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KRAFLA GEOTHERMAL FIELD
DA April 1978
BT1 Geothermal Fields
RT Geothermal Power Plants
RT Iceland

KRAMERS-KRONIG CORRELATION [01]
BT1 Correlations

KRAMERS THEOREM [01]
RT Quantum Mechanics

KRB II-B Reactor
DA May 1976
USE Gundremmingen-2 Reactor

KRB II-C Reactor
DA May 1976
USE Gundremmingen-3 Reactor

KRB Reactor
USE RWE-Bayernwerk Reactor

KREBS CYCLE [01]
RT Metabolism
RT Metabolites
RT Mitochondria
RT Respiration

K*RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Strange Particles
BT2 Elementary Particles
NT1 K-892 Resonances
NT1 K-1240 Resonances
NT1 K-1320 Resonances
NT1 K-1420 Resonances
NT1 K-1775 Resonances
NT1 K-1871 Resonances
NT1 L-1770 Resonances

Kritische Anlage zum HTR
DA November 1975
USE Kahter Reactor

Krito Critical Assembly
USE STEK Reactor

KRITZ REACTOR
(Studsvik High Temperature Critical Facility.)
DA January 1975
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

KROLL PROCESS [01]
RT Reduction
RT Titanium

KROLL-RUDERMANN THEOREM [01]
RT Photoproduction

KROV MACHINE
(Keller Roto-Oscillating Vane rotary vane and piston machine.)
DA May 1975
RT Rotary Engines
RT Rotors
RT Turbines

KRSKO REACTOR [01]
DA May 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

KRUEMMEL REACTOR [01]
UF *KKK Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

KRUSKAL LIMIT [01]
RT Electric Currents
RT Stellarators

KRYPTON [01]
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements

KRYPTON 70 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 71 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 72 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 73 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 74 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 75 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 76 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 77 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 78 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes

KRYPTON 79 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 80 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes

KRYPTON 81 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 82 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes

KRYPTON 83 [01]
BT1 Even-Odd Nuclei

BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Krypton 83 Reactions

KRYPTON 84 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Krypton 84 Reactions

KRYPTON 85 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Krypton Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 86 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Stable Isotopes
BT2 Isotopes

KRYPTON 87 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 88 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 89 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 90 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 91 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 92 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 93 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 94 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT? Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

KRYPTON 98 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Krypton Isotopes

KRYPTON 84 BEAMS [01]
BT1 Ion Beams
BT2 Beams

KRYPTON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Krypton Compounds
BT2 Rare Gas Compounds

KRYPTON COMPLEXES [01]
BT1 Complexes

KRYPTON COMPOUNDS [01]
UF *Kryptonates*
BT1 Rare Gas Compounds
NT1 Krypton Chlorides
NT1 Krypton Fluorides
NT1 Krypton Hydrides
NT1 Krypton Oxides

KRYPTON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Krypton Compounds
BT2 Rare Gas Compounds

KRYPTON HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Krypton Compounds
BT2 Rare Gas Compounds

KRYPTON IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

KRYPTON ISOTOPES [01]
NT1 Krypton 70
NT1 Krypton 71
NT1 Krypton 72
NT1 Krypton 73
NT1 Krypton 74
NT1 Krypton 75
NT1 Krypton 76
NT1 Krypton 77
NT1 Krypton 78
NT1 Krypton 79
NT1 Krypton 80
NT1 Krypton 81
NT1 Krypton 82

NT1 Krypton 83
NT1 Krypton 84
NT1 Krypton 85
NT1 Krypton 86
NT1 Krypton 87
NT1 Krypton 88
NT1 Krypton 89
NT1 Krypton 90
NT1 Krypton 91
NT1 Krypton 92
NT1 Krypton 93
NT1 Krypton 94
NT1 Krypton 95
NT1 Krypton 96
NT1 Krypton 97
NT1 Krypton 98

KRYPTON OXIDES [01]
BT1 Krypton Compounds
BT2 Rare Gas Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

KRYPTON 83 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Krypton 83

KRYPTON 84 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Krypton 84

KRYPTON 86 REACTIONS [01]
DA December 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

KRYPTON 78 TARGET [01]
DA September 1976
BT1 Targets

KRYPTON 80 TARGET [01]
DA July 1976
BT1 Targets

KRYPTON 82 TARGET [01]
DA September 1976
BT1 Targets

KRYPTON 83 TARGET [01]
DA September 1976
BT1 Targets

KRYPTON 84 TARGET [01]
DA July 1976
BT1 Targets

KRYPTON 85 TARGET
DA March 1977
BT1 Targets

KRYPTON 86 TARGET [01]
DA July 1976
BT1 Targets

Kryptonates
USE Krypton Compounds

KS-150 Reactor
DA April 1975
USE Bohunice A-1 Reactor

KSTR REACTOR [01]
UF *Kema Suspension Test Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

KUBO FORMULA [01]
UF *Kubo Method*
UF *Kubo Theory*
RT Statistical Mechanics

Kubo Method
USE Kubo Formula

Kubo Theory
USE Kubo Formula

KUCA REACTOR
DA June 1976
UF *Kyoto University Critical Assembly Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

KUOSHENG-1 REACTOR [01]
DA March 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

KUOSHENG-2 REACTOR [01]
DA March 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Kupffer Cells
USE Reticuloendothelial System

KUR REACTOR [01]
UF *Kyoto University Reactor*
UF *Training-Research Reactor Kyoto*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Kurchatov Institute Romashka Reactor
USE Romashka Reactor

Kurchatovium
USE Element 104

Kurie Plot
USE Fermi Plot

KURILE ISLANDS
DA June 1978
BT1 USSR
BT2 Europe
RT Pacific Ocean

KURSK-1 REACTOR
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

KURSK-2 REACTOR
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

KUWAIT [01]
DA January 1975
BT1 Asia
BT1 Middle East
RT OPEC

KVB PROCESS
DA April 1978
RT Coal Preparation
RT Desulfurization
DEF Dry oxidation of the sulfurous component of dry pulverized coal with gaseous NO_2 is followed by caustic washing to solubilize and remove sulfur compounds generated. The active oxidant, NO_2, can be generated at operating temperature and pressure in the reaction chamber by oxidation of NO feed gas.

KVI [01]
DA October 1977
UF *Groningen Versneller Instituut*
UF *Kernfysisch Versneller Instituut*
BT1 Netherlands Organizations
BT2 National Organizations

KWL Reactor
USE Lingen Reactor

KWO Reactor
USE Obrigheim Reactor

KWS-1 Wyhl Reactor
DA December 1975
USE Wyhl-1 Reactor

KWS-2 Wyhl Reactor
DA December 1975
USE Wyhl-2 Reactor

KYNURENIC ACID [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Quinolines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Kynurenine
RT Quinaldine

KYNURENINE [01]
BT1 Amino Acids

BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Keto Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Kynurenic Acid

Kyoto University Critical Assembly Reactor
DA June 1976
USE KUCA Reactor

Kyoto University Reactor
USE KUR Reactor

Kyushu-1 Reactor
USE Genkai-1 Reactor

L-Alanine
USE Alanine-L

L-Alanine-alpha
USE Alanine-L

L-77 Atomics International Reactor
USE AI-L-77 Reactor

L CAPTURE [01]
BT1 Electron Capture Decay
BT2 Beta Decay
BT3 Decay

L CELLS [01]
RT Clone Cells
RT Fibroblasts
RT In Vitro

L CODES [01]
BT1 Computer Codes

L CONVERSION [01]
UF *L-Conversion Coefficient*
BT1 Internal Conversion
BT2 Conversion
BT2 Decay

L-Conversion Coefficient
USE L Conversion

L-77 Nevada University Reactor
USE Nevada University Reactor

L-77 Puerto Rico Reactor
USE PRNC-L-77 Reactor

L-54 Reactor
USE Cesnef Reactor

L Resonances
USE K-1775 Resonances

L-1770 RESONANCES
DA April 1975
BT1 K*Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles

L-S COUPLING [01]
UF *Russell-Saunders Coupling*
UF *Spin-Orbit Interaction*
BT1 Intermediate Coupling
BT2 Coupling
RT Orbital Angular Momentum

L SHELL [01]
DA August 1976
UF *Atomic Shells (L)*
BT1 Electronic Structure

L-1 STELLARATOR
DA April 1975
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

L-2 STELLARATOR [01]
DA November 1977
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

L Waves
DA July 1978
USE Seismic Surface Waves

La Crosse Boiling Water Reactor
USE LACBWR Reactor

LA SALLE COUNTY-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LA SALLE COUNTY-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LABELLED COMPOUNDS [01]
(Compounds labelled with either stable or radioactive isotopes.)
NT1 Carbon 14 Compounds
NT1 Radiopharmaceuticals
NT1 Tritium Compounds
NT2 Deuterium Tritides
NT2 Helium Tritides
NT2 Hydrogen Tritide
NT2 Lithium Tritides
NT2 Tritium Oxides
RT Autoradiography
RT Autoradiolysis
RT Carrier-Free Isotopes
RT Diagnosis
RT Double Labelling
RT Electron Microscopy
RT Labelling
RT Nuclear Medicine
RT Radioimmunoassay
RT Scintiscanning
RT Tracer Techniques
RT Wilzbach Method

LABELLED POOL TECHNIQUES
DA October 1975
BT1 Tracer Techniques
BT2 Isotope Applications
RT Labelling
RT Metabolism

LABELLING [01]
NT1 Double Labelling
NT1 Wilzbach Method
RT Carbon 14 Compounds
RT Carrier-Free Isotopes
RT Isotope Applications
RT Isotopic Exchange
RT Labelled Compounds
RT Labelled Pool Techniques
RT Radioactivation

LABOR
DA August 1977
RT Employment
RT Manpower
RT Occupations
RT Work

LABOR RELATIONS
DA February 1978
UF *Industrial Relations*
RT Industry
RT Personnel

LABORATORY ANIMALS [01]
BT1 Animals

LABORATORY EQUIPMENT [01]
NT1 Fume Hoods
NT1 Gloveboxes
NT1 Hot Cells
NT1 Manipulators
NT1 Samplers
NT2 Air Samplers
NT1 Vacuum Pumps
NT2 Cryopumps
NT2 Sputter-Ion Pumps
NT2 Turbomolecular Pumps
RT Accelerator Facilities
RT Autoclaves
RT Extraction Apparatuses
RT Hot Labs
RT Mixer-Settlers
RT Remote Handling Equipment
RT Remote Viewing Equipment
RT Sample Changers

Laboratory Scale Experiments
DA January 1975
USE Bench-Scale Experiments

LABORATORY SYSTEM [01]
RT Center-of-Mass System
RT Coordinates
RT Limiting Fragmentation
RT Lorentz Transformations
RT Mechanics
RT Scattering

Labyrinth
USE Auditory Organs
AND Vestibular Apparatus

LACBWR REACTOR [01]
UF *La Crosse Boiling Water Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LACQUERS [01]
BT1 Coatings

LACRIMAL DUCTS [01]
DA October 1977
BT1 Eyes
BT2 Sense Organs
BT3 Organs
BT4 Body

LACTAMS [01]
UF *Cyclic Amides*
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Pyrrolidones
NT2 PVP
RT Amino Acids
RT Heterocyclic Compounds

LACTATE DEHYDROGENASE [01]
BT1 Dehydrogenases
BT2 Oxidoreductases
BT3 Enzymes

LACTATION [01]
RT Mammary Glands
RT Milk

LACTIC ACID [01]
UF *Hydroxypropionic Acid-alpha*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

LACTOBACILLUS [01]
BT1 Bacteria
BT2 Microorganisms

LACTOGENS
DA February 1979
BT1 Hormones

NT1 HPL
RT Placenta

LACTONES [01]
UF *Cyclic Esters*
BT1 Esters
BT2 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
NT1 Coumarin
NT1 Gibberellic Acid
RT Hydroxy Acids

LACTOSE [01]
UF *Milk Sugar*
BT1 Disaccharides
BT2 Oligosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

LADDER APPROXIMATION [01]
RT Quantum Field Theory

Lage Flux Reaktor Petten
USE LFR Reactor

LAGO MAGGIORE [01]
BT1 Lakes
BT2 Surface Waters

LAGRANGE EQUATIONS [01]
BT1 Differential Equations
BT2 Equations
RT Lagrangian Function
RT Mechanics

Lagrange Field Equations
USE Lagrangian Field Theory

Lagrangian
USE Lagrangian Function

LAGRANGIAN FIELD THEORY [01]
UF *Canonical Quantum Field Theory*
UF *Lagrange Field Equations*
BT1 Quantum Field Theory
BT2 Field Theories

LAGRANGIAN FUNCTION [01]
UF *Lagrangian*
BT1 Functions
RT Equations of Motion
RT Kinetic Energy
RT Lagrange Equations
RT Mechanics
RT Potential Energy

LAGUERRE POLYNOMIALS [01]
BT1 Polynomials
BT2 Functions

LAGUNA VERDE-1 REACTOR [01]
DA June 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LAKE ERIE [01]
BT1 Great Lakes
BT2 Lakes
BT3 Surface Waters

LAKE HURON [01]
BT1 Great Lakes
BT2 Lakes
BT3 Surface Waters

LAKE MICHIGAN [01]
BT1 Great Lakes
BT2 Lakes
BT3 Surface Waters

LAKE ONTARIO [01]
BT1 Great Lakes
BT2 Lakes
BT3 Surface Waters

LAKE SUPERIOR
DA January 1975
BT1 Great Lakes
BT2 Lakes
BT3 Surface Waters

LAKE WABAMUN
DA November 1975
BT1 Lakes
BT2 Surface Waters
RT Canada

LAKES [01]
BT1 Surface Waters
NT1 Ambrosia Lake
NT1 Athabasca Lake
NT1 Dead Sea
NT1 Elliot Lake
NT1 Great Lakes
NT2 Lake Erie
NT2 Lake Huron
NT2 Lake Michigan
NT2 Lake Ontario
NT2 Lake Superior
NT1 Great Salt Lake
NT1 Lago Maggiore
NT1 Lake Wabamun
RT Cooling Ponds
RT Eutrophication
RT Fresh Water
RT Hydrology
RT Inland Waterways
RT Ponds
RT Shores
RT Water Currents
RT Water Reservoirs

Lamb-Rutherford Shift
USE Lamb Shift

LAMB SHIFT [01]
UF *Lamb-Rutherford Shift*
BT1 Spectral Shift
RT Energy Levels

Lambda Neutral
USE Lambda Particles

LAMBDA PARTICLE BEAMS [01]
BT1 Hyperon Beams
BT2 Particle Beams
BT3 Beams

LAMBDA PARTICLES [01]
UF *Lambda Neutral*
BT1 Hyperons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
RT Antilambda Particles

LAMBDA POINT [01]
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Helium 4
RT Superfluidity

LAMBDA-1405 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-1520 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-1670 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-1690 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-1815 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-1830 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-2100 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-2250 RESONANCES [01]
DA October 1978
BT1 Charmed Baryon Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
BT2 Charm Particles
BT3 Postulated Particles
BT4 Elementary Particles
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBDA-2350 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons

BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

LAMBERT LAW [01]
RT Angular Distribution

Lambs
USE Sheep

LAMELLAE [01]
RT Layers

LAMINAC [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyesters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

LAMINAR FLOW [01]
UF *Poiseuille Flow*
UF *Subcritical Flow*
BT1 Fluid Flow
RT Critical Flow
RT Turbulent Flow
RT Viscous Flow

LAMINARIA [01]
BT1 Algae
BT2 Plants
BT1 Seaweeds
RT Alginates

Laminography
USE Tomography

LAMPF LINAC [01]
UF *Clinton P. Anderson Meson Physics Facility*
UF *Los Alamos Meson Physics Facility*
BT1 Linear Accelerators
BT2 Accelerators
BT1 Meson Factories
BT2 Accelerators

LAMPRE-1 REACTOR [01]
UF *Los Alamos Molten Plutonium Reactor Experiment*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

LAMPRE-2 Reactor
USE FRCTF Reactor

Lamps
DA July 1977
USE Light Bulbs

Land Application
DA August 1978
USE Ground Disposal

Land Fills
DA September 1976
USE Sanitary Landfills

LAND LEASING
DA January 1975
BT1 Leasing
RT Land Use
RT Leases
RT Legal Aspects
RT Regulations

LAND POLLUTION [01]
BT1 Pollution
RT Acid Mine Drainage
RT Environmental Effects
RT Land Pollution Abatement
RT Land Pollution Control

LAND POLLUTION ABATEMENT
DA July 1976
BT1 Pollution Abatement
RT Land Pollution
RT Land Reclamation
RT Prevention of Significant Deterioration

LAND POLLUTION CONTROL
DA March 1977
BT1 Pollution Control
RT Land Pollution
RT Land Use

LAND RECLAMATION [01]
DA February 1975
RT Abandoned Sites
RT Aesthetics
RT Backfilling
RT Land Pollution Abatement
RT Land Use
RT Preferred Species
RT Revegetation
RT Soil Conservation
RT Spoil Banks

LAND REQUIREMENTS
DA November 1977
RT Land Use

LAND TRANSPORT [01]
DA June 1977
UF *Road Transport*
BT1 Transport
RT Rail Transport
RT Vehicles

LAND USE [01]
DA February 1975
RT Arid Lands
RT Eminent Domain
RT Land Leasing
RT Land Pollution Control
RT Land Reclamation
RT Land Requirements
RT Landscaping
RT Mineral Rights
RT Nature Reserves
RT Recreational Areas
RT Rights-of-Way
RT Watersheds

Landau Absorption
USE Landau Damping

LANDAU CURVES [01]
RT S Matrix
RT Scattering
RT Singularity

LANDAU DAMPING [01]
UF *Landau Absorption*
BT1 Damping
RT Plasma Waves
RT Transit-Time Magnetic Pumping

Landau Distribution
USE Landau Fluctuations

LANDAU DOMAIN STRUCTURE
DA January 1975
BT1 Superconductors
RT Plates
DEF Structure proposed by Landau for intermediate state when magnetic field is applied at acute angle to thin flat superconducting plate.

LANDAU FLUCTUATIONS [01]
UF *Landau Distribution*
RT Energy Losses
RT Variations

Landau-Ginzburg-Pitaevskii Theory
USE Ginzburg-Pitaevskii Theory

LANDAU LIQUID HELIUM THEORY [01]
UF *Two-Fluid Theory*
RT Helium II
RT Phonons
RT Rotons
RT Superfluidity

LANDAU QUASI PARTICLES [01]
DA June 1975
BT1 Quasi Particles
RT Particle Structure
RT Quark Model

LANDAU-ZENER FORMULA [01]
RT Collisions
RT Potential Energy

LANDE FACTOR [01]
UF *G Factor (Lande)*
UF *Lande G Factor*
UF *Lande Interval Factor*
UF *Lande Splitting Factor*
RT Energy Levels

Lande G Factor
USE Lande Factor

Lande Interval Factor
USE Lande Factor

Lande Splitting Factor
USE Lande Factor

LANDGARD PYROLYSIS SYSTEM
DA January 1976
UF *Landgard Solid Waste Disposal System*
UF *Monsanto System*
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Pyrolysis
RT Solid Wastes
RT Waste Processing Plants

Landgard Solid Waste Disposal System
DA February 1976
USE Landgard Pyrolysis System

LANDSCAPING
DA June 1977
RT Aesthetics
RT Land Use

LANDSLIDES
DA January 1975
RT Earthquakes
RT Ground Motion
RT Mining
RT Seismic Effects
RT Underground Explosions

LANE-ROBSON THEORY [01]
DA February 1975
RT Nuclear Reactions

LANE-THOMAS-WIGNER MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

LANGEVIN EQUATION [01]
BT1 Equations
RT Magnetic Fields

LANGMUIR FREQUENCY [01]
UF *Frequency (Langmuir)*
UF *Plasma Frequency*
RT Plasma

Langmuir Oscillations
USE Plasma Waves

LANGMUIR PROBE [01]
BT1 Electric Probes
BT2 Probes

Languages (Programming)
USE Programming Languages

LANOLIN [01]
UF *Wool Fat*

BT1 Esters
BT2 Organic Compounds
BT1 Lipids
BT2 Organic Compounds
BT1 Sterols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Steroids
BT3 Organic Compounds
RT Cholesterol

Lanoxin
USE Digoxin

Lanthanides
USE Rare Earths

LANTHANUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

LANTHANUM 123 [01]
DA March 1979
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 124 [01]
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 125 [01]
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 126 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 127 [01]
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 128 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 129 [01]
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 130 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 131 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 132 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 133 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 134 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 135 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 136 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 137 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 138 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 139 [01]
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

LANTHANUM 140 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 141 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 142 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 143 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LANTHANUM 144 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 145 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 146 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 147 [01]
DA October 1977
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM 148 [01]
DA October 1977
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lanthanum Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LANTHANUM ADDITIONS [01]
BT1 Lanthanum Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

LANTHANUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Lanthanum Additions
NT1 Lanthanum Base Alloys
NT1 Misch Metal

LANTHANUM BASE ALLOYS [01]
BT1 Lanthanum Alloys
BT2 Rare Earth Alloys
BT3 Alloys

LANTHANUM 139 BEAMS [01]
DA February 1979
BT1 Ion Beams
BT2 Beams

LANTHANUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
NT1 Cordylite

LANTHANUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

Lanthanum Chromites
DA July 1979
USE Chromium Oxides
AND Lanthanum Oxides

LANTHANUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

LANTHANUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Lanthanum Borides
NT1 Lanthanum Bromides
NT1 Lanthanum Carbides
NT1 Lanthanum Carbonates

NT2 Cordylite
NT1 Lanthanum Chlorides
NT1 Lanthanum Fluorides
NT1 Lanthanum Hydrides
NT1 Lanthanum Hydroxides
NT1 Lanthanum Iodides
NT1 Lanthanum Nitrates
NT1 Lanthanum Nitrides
NT1 Lanthanum Oxides
NT1 Lanthanum Perchlorates
NT1 Lanthanum Phosphates
NT1 Lanthanum Selenides
NT1 Lanthanum Silicates
NT1 Lanthanum Silicides
NT1 Lanthanum Sulfates
NT1 Lanthanum Sulfides
NT1 Lanthanum Tellurides
NT1 Lanthanum Tungstates

LANTHANUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds

LANTHANUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

LANTHANUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Lanthanum 123
NT1 Lanthanum 124
NT1 Lanthanum 125
NT1 Lanthanum 126
NT1 Lanthanum 127
NT1 Lanthanum 128
NT1 Lanthanum 129
NT1 Lanthanum 130
NT1 Lanthanum 131
NT1 Lanthanum 132
NT1 Lanthanum 133
NT1 Lanthanum 134
NT1 Lanthanum 135
NT1 Lanthanum 136
NT1 Lanthanum 137
NT1 Lanthanum 138
NT1 Lanthanum 139
NT1 Lanthanum 140
NT1 Lanthanum 141
NT1 Lanthanum 142
NT1 Lanthanum 143
NT1 Lanthanum 144
NT1 Lanthanum 145
NT1 Lanthanum 146
NT1 Lanthanum 147
NT1 Lanthanum 148

LANTHANUM NITRATES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

LANTHANUM NITRIDES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

LANTHANUM OXIDES [01]
UF+ *Lanthanum Chromites*
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

LANTHANUM PERCHLORATES [01]
DA January 1975
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

LANTHANUM PHOSPHATES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

LANTHANUM 139 REACTIONS [01]
DA March 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

LANTHANUM SELENIDES [01]
DA January 1975
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

LANTHANUM SILICATES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
RT Orthite

LANTHANUM SILICIDES
DA January 1975
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

LANTHANUM SULFATES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

LANTHANUM SULFIDES [01]
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

LANTHANUM 139 TARGET [01]
DA July 1976
BT1 Targets

LANTHANUM TELLURIDES [01]
DA April 1975
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

LANTHANUM TUNGSTATES
DA January 1975
BT1 Lanthanum Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

LAOS [01]
BT1 Asia

LAP WELDS
DA January 1975
BT1 Welded Joints
BT2 Joints
RT Welding

LAPLACE EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Poisson Equation
RT Spherical Harmonics

Laplace Operator
USE Laplacian

LAPLACE TRANSFORMATION [01]
BT1 Integral Transformations
BT2 Transformations

LAPLACIAN [01]
UF *Laplace Operator*
BT1 Mathematical Operators
RT Vectors

LAPPS [01]
BT1 Human Populations
BT2 Populations
RT Arctic Regions
RT Eskimos

LAPRE-1 REACTOR [01]
UF *Los Alamos Power Reactor Experiment-1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LAPRE-2 REACTOR [01]
UF *Los Alamos Power Reactor Experiment-2*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LARAMIE ENERGY RESEARCH CENTER
DA May 1975
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

LARAMIE ENERGY TECHNOLOGY CENTER
DA December 1978
BT1 US DOE
BT2 US Organizations
BT3 National Organizations

LARDERELLO GEOTHERMAL FIELD
DA January 1975

BT1 Geothermal Fields
RT Italy
RT Vapor-Dominated Systems

LARGE COIL PROGRAM
DA February 1979
RT Superconducting Magnets
RT Test Facilities

LARGE INTESTINE [01]
UF *Colon*
UF+ *Appendix (Vermiform)*
BT1 Intestines
BT2 Gastrointestinal Tract
BT3 Digestive System
BT2 Organs
BT3 Body
NT1 Rectum
RT Excretion
RT Feces

Larmor Electrons
USE Larmor Radius

Larmor Nuclear Precession
USE Larmor Precession

LARMOR PRECESSION [01]
UF *Larmor Nuclear Precession*
BT1 Precession

LARMOR RADIUS [01]
UF *Gyromagnetic Radius*
UF *Larmor Electrons*
RT Magnetic Fields

LARVAE [01]
UF *Larval Stage*
UF *Metacercariae*
UF *Nymphs*
UF+ *Tadpoles*
RT Age Groups
RT Amphibians
RT Ichthyoplankton
RT Insects
RT Metamorphosis

Larval Stage
USE Larvae

LARYNX [01]
BT1 Respiratory System
RT Neck

LASER BEAM MACHINING
DA November 1977
BT1 Machining

LASER CAVITIES [01]
DA February 1975
RT Lasers

LASER DRILLING [01]
DA August 1976
BT1 Materials Drilling
BT2 Machining
RT Laser Radiation

LASER FUSION REACTORS
DA September 1976
BT1 Thermonuclear Reactors
NT1 HYLIFE Converter
RT Antares Facility
RT Helios Facility
RT Inertial Confinement
RT Omega Facility
RT Shiva Facility

LASER IMPLOSIONS [01]
BT1 Implosions
RT Inertial Confinement
RT Laser-Produced Plasma
RT Laser-Radiation Heating
RT Pulsed Fusion Reactors

LASER ISOTOPE SEPARATION [01]
BT1 Isotope Separation
BT2 Separation Processes
RT Lasers
DEF A laser photon beam selectively excites or ionizes one of the isotopes which can then be isolated by electromagnetic, chemical, or other methods.

LASER MATERIALS
DA February 1975
RT Laser Radiation
RT Lasers

LASER MIRRORS [01]
DA January 1975
RT Lasers

LASER-PRODUCED PLASMA [01]
BT1 Plasma
RT Laser Implosions
RT Laser-Radiation Heating
RT Plasma Production

LASER RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
RT Carbon Monoxide Lasers
RT Laser Drilling
RT Laser Materials
RT Laser-Radiation Heating
RT Lasers
RT Monochromatic Radiation
RT Visible Radiation

LASER-RADIATION HEATING [01]
BT1 Plasma Heating
BT2 Heating
RT Laser Implosions
RT Laser-Produced Plasma
RT Laser Radiation

LASER SPECTROSCOPY
DA December 1978
BT1 Spectroscopy
RT Absorption Spectroscopy
RT Fluorescence Spectroscopy
RT Raman Spectra

LASER TARGETS
DA September 1978
BT1 Targets
RT Inertial Confinement
RT Thermonuclear Fuels

LASER WEAPONS
DA March 1979
BT1 Weapons
RT Lasers

LASER WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

LASERS [01]
NT1 Chemical Lasers
NT1 Dye Lasers
NT1 Free Electron Lasers
NT1 Gamma-Ray Lasers
NT1 Gas Lasers
NT2 Carbon Dioxide Lasers
NT2 Carbon Monoxide Lasers
NT2 Helium-Neon Lasers
NT1 Liquid Lasers
NT1 Semiconductor Lasers
NT1 Solid State Lasers
NT2 Neodymium Lasers
NT2 Ruby Lasers
NT1 X-Ray Lasers
RT Electrical Pumping
RT Frequency Selection
RT Laser Cavities
RT Laser Isotope Separation
RT Laser Materials
RT Laser Mirrors
RT Laser Radiation
RT Laser Weapons
RT Mode Control
RT Mode Locking
RT Mode Selection
RT Nuclear Pumping
RT Optical Pumping
RT Q-Switching
RT Quantum Electronics
RT Radiation Sources
RT Stimulated Emission

LASL [01]
UF *Los Alamos Scientific Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

LATCHKEY OPERATION
DA November 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

Late Radiation Effects
USE Delayed Radiation Effects

LATENCY PERIOD [01]
RT Acute Irradiation
RT Delayed Radiation Effects
RT Incubation
RT Quarantine
RT Radiation Syndrome

Latent Heat of Fusion
USE Fusion Heat

Latent Heat of Sublimation
USE Sublimation Heat

Latent Heat of Transition
USE Transition Heat

Latent Heat of Vaporization
USE Vaporization Heat

LATENT HEAT STORAGE
DA June 1977
BT1 Heat Storage
BT2 Energy Storage
BT3 Storage
RT Fusion Heat
RT Phase Change Materials
RT Thermal Energy Storage Equipment
RT Vaporization Heat
DEF Storage of thermal energy in the latent heat of fusion of various materials

LATENT IMAGES [01]
RT Dielectric Track Detectors
RT Nuclear Emulsions
RT Photographic Emulsions
RT Photographic Films

Laterologging
DA May 1979
USE Resistivity Logging

LATEX [01]
BT1 Rubbers
BT2 Elastomers
BT3 Polymers
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Coatings
RT Emulsions
RT Protective Coatings

LATHES
DA July 1978
BT1 Machine Tools
RT Machining

LATIN AMERICA
DA August 1978
NT1 Central America
NT2 Costa Rica
NT2 Dominican Republic
NT3 West Indies
NT4 Bahama Islands
NT4 Cuba
NT4 Jamaica
NT4 Puerto Rico
NT4 Trinidad and Tobago
NT2 El Salvador

NT2 Guatemala
NT2 Honduras
NT2 Nicaragua
NT2 Panama
NT2 Panama Canal Zone
NT1 Mexico
NT1 South America
NT2 Argentina
NT3 Mendoza
NT2 Bolivia
NT3 Chacaltaya
NT2 Brazil
NT2 British Guiana
NT2 Chile
NT2 Colombia
NT2 Ecuador
NT2 French Guiana
NT2 Paraguay
NT2 Peru
NT2 Surinam
NT2 Uruguay
NT2 Venezuela

LATINA REACTOR [01]
UF *Foce Verde Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LATIR EVENT
DA March 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

LATITUDE EFFECT [01]
BT1 Geographical Variations
BT2 Variations
RT Equator

Lattice Defects
DA August 1977
USE Crystal Defects

LATTICE FIELD THEORY [01]
DA December 1978
RT Gauge Invariance
RT Instantons
RT Lie Groups

LATTICE PARAMETERS [01]
RT Crystal Lattices

LATTICE VIBRATIONS [01]
UF *Vibrations (Lattice)*
RT Anharmonic Crystals
RT Crystal Structure
RT Debye-Waller Factor
RT Harmonics
RT Oscillation Modes
RT Vibrational States

Lattices (Crystal)
USE Crystal Lattices

Lattices (Reactor)
USE Reactor Lattices

Laue-Bragg Scattering
USE Bragg Reflection

LAUE METHOD [01]
BT1 Diffraction Methods
RT Crystal Lattices
RT Kossel Method
RT Structural Chemical Analysis
RT X-Ray Diffraction

LAUMONTITE
DA December 1977
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A white zeolite mineral $CaAl_2Si_4O_{12}.4H_2O$.

LAUNCHING [01]
RT Missiles
RT Rockets
RT Space Vehicles

LAUNDRIES
DA February 1979
UF *Industrial Laundries*
RT Clothes Washers

Lauric Acid
USE Dodecanoic Acid

Lauryl Radicals
USE Dodecyl Radicals

LAVA [01]
BT1 Volcanic Rocks
BT2 Igneous Rocks
BT3 Rocks
RT Magma
RT Volcanism
RT Volcanoes
DEF A general term for a molten extrusive; also, for the rock that is solidified from it.

LAVAGE [01]
UF+ *Pulmonary Lavage*
RT Decontamination
RT Excretion
RT Lungs
RT Respiratory System
DEF Washing out of hollow organ by copious injections and rejections of water.

LAVENITE [01]
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
BT1 Sodium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

LAVES PHASES [01]
RT Crystal Lattices
RT Intermetallic Compounds

LAWRENCE BERKELEY LABORATORY [01]
UF *UCLBL*
UF *University of California Lawrence Radiation Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT California

LAWRENCE LIVERMORE LABORATORY [01]
UF *UCLLL*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT California

LAWRENCIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

LAWRENCIUM 255 [01]
DA April 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lawrencium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LAWRENCIUM 256 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lawrencium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LAWRENCIUM 257 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lawrencium Isotopes
BT2 Actinide Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

LAWRENCIUM 258
DA April 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lawrencium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LAWRENCIUM 259 [01]
DA November 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lawrencium Isotopes

BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LAWRENCIUM ADDITIONS
DA April 1975
RT Lawrencium Compounds

LAWRENCIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lawrencium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

LAWRENCIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

LAWRENCIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Lawrencium Chlorides
NT1 Lawrencium Oxides
RT Lawrencium Additions

LAWRENCIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Lawrencium 255
NT1 Lawrencium 256
NT1 Lawrencium 257
NT1 Lawrencium 258
NT1 Lawrencium 259

LAWRENCIUM OXIDES [01]
BT1 Lawrencium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

LAWS
NT1 Atomic Energy Laws
NT1 Case Law
NT1 Coastal Zone Management Act
NT1 Energy Conservation and Production Act
NT1 Energy Policy and Conservation Act
NT1 Federal Water Pollution Control Act
NT1 Fishery Laws
NT1 Freedom of Information Act
NT1 International Laws
NT1 Maritime Laws
NT1 Mining Laws
NT2 Surface Mining Acts
NT1 National Environmental Policy Act
NT1 Occupational Safety and Health Act
NT1 Patent Laws
NT1 Pollution Laws
NT2 Clean Air Act
NT1 Price-Anderson Act
NT1 Privacy Act
NT1 Radiation Protection Laws
NT1 Resource Recovery Acts
NT1 Tax Laws
NT1 Waste Disposal Acts
RT Compliance
RT Enforcement
RT Legal Aspects
RT Legislation
RT National Energy Act
RT Regulations
RT Solar Rights
RT Speed Limit
DEF Rules made by the governing body of a country, state, etc.

LAWSON CRITERION [01]
DA July 1978
RT Breakeven
RT Confinement Time
RT Plasma Density
RT Thermonuclear Devices
DEF The energy output from a thermonuclear reactor can only exceed the plasma energy input if the product of plasma density and confinement time is higher than 10^{14}s/cm^3.

LAWSUITS [01]
DA June 1977
UF *Litigation*
RT Arbitration
RT Courts
RT Hearings

LAX THEOREM [01]
RT Shock Waves

LAYERS [01]
NT1 Boundary Layers
RT Films
RT Lamellae
RT Stratification
RT Stratigraphy
RT Substrates

LCAO Calculations
USE LCAO Method

LCAO METHOD [01]
UF *LCAO Calculations*
UF *LCAO Mo Calculations*
UF *LCAO Scf Treatment*
UF *LCAO Theory*
UF *Linear Combination of Atomic Orbitals*
RT Molecular Orbital Method
RT Molecular Structure
RT Self-Consistent Field

LCAO Mo Calculations
USE LCAO Method

LCAO Scf Treatment
USE LCAO Method

LCAO Theory
USE LCAO Method

LCRE REACTOR
DA January 1975
UF *Lithium Cooled Reactor Experiment*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Lithium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

LD 50
USE Lethal Radiation Dose

LEACHING [01]
UF *Elution (Soluble Constituents)*
UF *Lixiviation*
BT1 Dissolution
BT1 Separation Processes
RT Ferrobacillus Ferrooxidans
RT Hydrometallurgy
RT Ion Exchange Chromatography
RT Ion Exchange Materials
RT Ore Enrichment
RT Ore Processing
RT Slurex Process
RT Solubility
RT Solution Mining
RT Solvent Extraction
RT Thiobacillus Ferroxidans
RT Thiobacillus Oxidans

LEAD [01]
BT1 Metals
BT2 Elements
RT Shielding Materials

LEAD 185 [01]
DA August 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes

LEAD 186 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 187 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 188 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 189 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 190 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 191 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 192 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei

BT2 Nuclei
BT1 Lead Isotopes

LEAD 193 [01]
DA May 1975
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes

LEAD 194 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 195 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 196 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 197 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 198 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes

LEAD 199 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 200 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes

LEAD 201 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 202 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 203 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 204 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 205 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 206 [01]
UF *Radium G*
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Stable Isotopes
BT2 Isotopes

LEAD 207 [01]
UF *Actinium D*
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

LEAD 208 [01]
UF *Thorium D*
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Stable Isotopes
BT2 Isotopes

LEAD 209 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes

BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes

LEAD 210 [01]
UF *Radium D*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 211 [01]
UF *Actinium B*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 212 [01]
UF *Thorium B*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lead Isotopes

LEAD 213 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes

LEAD 214 [01]
UF *Radium B*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LEAD 215 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes

LEAD 216 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Lead Isotopes

LEAD-ACID BATTERIES
DA January 1975
UF *Storage Batteries (Lead-Acid)*
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems

LEAD ADDITIONS [01]
BT1 Lead Alloys
BT2 Alloys

LEAD ALLOYS [01]
BT1 Alloys
NT1 Cerrobend Alloys
NT1 Lead Additions
NT1 Lead Base Alloys
NT2 Terne-Metal
NT1 Lichtenberg Alloy
NT1 Newton-Metal
NT1 Ounce Metal
NT1 Rose-Metal
NT1 Wood Metal

LEAD BASE ALLOYS [01]
BT1 Lead Alloys
BT2 Alloys
NT1 Terne-Metal

LEAD 208 BEAMS [01]
DA July 1978
BT1 Ion Beams
BT2 Beams

LEAD BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lead Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lead Compounds

LEAD CARBIDES
DA January 1975
BT1 Carbides
BT2 Carbon Compounds
BT1 Lead Compounds

LEAD CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Lead Compounds

LEAD CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lead Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lead Compounds

LEAD COMPLEXES [01]
BT1 Complexes

LEAD COMPOUNDS [01]
NT1 Lead Carbides
NT1 Lead Carbonates
NT1 Lead Halides
NT2 Lead Bromides
NT2 Lead Chlorides
NT2 Lead Fluorides
NT2 Lead Iodides
NT1 Lead Hydroxides
NT1 Lead Nitrates
NT1 Lead Nitrides
NT1 Lead Oxides
NT2 Curite
NT2 Demesmaekerite
NT2 Hallimondite
NT2 Moctezumite
NT2 Wulfenite
NT1 Lead Perchlorates
NT1 Lead Phosphates
NT2 Dewindtite
NT2 Dumontite
NT2 Parsonsite
NT1 Lead Selenides
NT1 Lead Silicates
NT2 Alamosite
NT1 Lead Sulfates
NT1 Lead Sulfides
NT2 Galena
NT1 Lead Tellurides
NT1 Lead Tungstates
NT1 Plumbates
NT1 TEL

LEAD FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lead Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lead Compounds

Lead-Free Gasoline
DA November 1976
USE Unleaded Gasoline

LEAD HALIDES
DA February 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Lead Compounds
NT1 Lead Bromides
NT1 Lead Chlorides
NT1 Lead Fluorides
NT1 Lead Iodides

LEAD HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Lead Compounds

LEAD IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Lead Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lead Compounds

LEAD IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

LEAD ISOTOPES [01]
NT1 Lead 185
NT1 Lead 186
NT1 Lead 187
NT1 Lead 188
NT1 Lead 189
NT1 Lead 190
NT1 Lead 191
NT1 Lead 192
NT1 Lead 193
NT1 Lead 194
NT1 Lead 195
NT1 Lead 196
NT1 Lead 197
NT1 Lead 198
NT1 Lead 199
NT1 Lead 200
NT1 Lead 201
NT1 Lead 202
NT1 Lead 203
NT1 Lead 204
NT1 Lead 205
NT1 Lead 206
NT1 Lead 207
NT1 Lead 208
NT1 Lead 209
NT1 Lead 210

NT1 Lead 211
NT1 Lead 212
NT1 Lead 213
NT1 Lead 214
NT1 Lead 215
NT1 Lead 216

Lead Method
USE Isotope Dating

LEAD MINERALS
DA January 1975
BT1 Minerals

LEAD NITRATES [01]
BT1 Lead Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

LEAD NITRIDES [01]
BT1 Lead Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

LEAD ORES [01]
DA April 1975
BT1 Ores

LEAD OXIDES [01]
BT1 Lead Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Curite
NT1 Demesmaekerite
NT1 Hallimondite
NT1 Moctezumite
NT1 Wulfenite
RT Fourmarierite
RT Plumbates

LEAD PERCHLORATES
DA May 1977
BT1 Lead Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

LEAD PHOSPHATES [01]
BT1 Lead Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
NT1 Dewindtite
NT1 Dumontite
NT1 Parsonsite

LEAD 208 REACTIONS [01]
DA July 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

LEAD SELENIDES [01]
DA January 1975
BT1 Lead Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

LEAD SILICATES [01]
BT1 Lead Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Alamosite

LEAD SULFATES [01]
BT1 Lead Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

LEAD SULFIDES [01]
BT1 Lead Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
NT1 Galena

LEAD 202 TARGET [01]
DA August 1978
BT1 Targets

LEAD 204 TARGET [01]
DA July 1976
BT1 Targets

LEAD 205 TARGET [01]
DA April 1978
BT1 Targets

LEAD 206 TARGET [01]
DA July 1976
BT1 Targets

LEAD 207 TARGET [01]
DA July 1976
BT1 Targets

LEAD 208 TARGET [01]
DA July 1976
BT1 Targets

LEAD 209 TARGET [01]
DA November 1976
BT1 Targets

LEAD 210 TARGET [01]
DA August 1976
BT1 Targets

LEAD TELLURIDES [01]
DA May 1975
BT1 Lead Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

LEAD TUNGSTATES [01]
DA May 1979
BT1 Lead Compounds
BT1 Tungstates

LEADING ABSTRACT
DA May 1975
BT1 Abstracts
BT2 Document Types

LEADING PARTICLES
DA September 1976
BT1 Elementary Particles
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
DEF Charged interaction products with large longitudinal momentum.

LEAK DETECTORS [01]
RT Leak Testing
RT Leaks
RT Reactor Components

LEAK TESTING [01]
BT1 Testing
RT Leak Detectors
RT Leaks
RT Sealed Sources

Leakage
USE Leaks

Leakage (Neutron)
USE Neutron Leakage

LEAKAGE CURRENT [01]
UF *Current (Leakage)*
BT1 Electric Currents
BT2 Currents

LEAKS [01]
UF *Leakage*
RT Caulking
RT Containment
RT Failures
RT Gloveboxes
RT Leak Detectors
RT Leak Testing
RT Porosity
RT Sealed Sources

LEARN TANDEM ACCELERATOR [01]
BT1 Tandem Electrostatic Accelerators
BT2 Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators
BT1 Van de Graaff Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators
RT Ion Beams

LEARNING [01]
RT Behavior
RT Conditioned Reflexes
RT Education

LEASE CONDENSATES
DA February 1979
BT1 Natural Gas Liquids
RT Liquefied Petroleum Gases
DEF A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or field facilities.

LEASES
DA February 1975
RT Land Leasing

LEASING
DA February 1975
NT1 Land Leasing
RT Bids
RT Contracts
RT Exploitation
RT Legal Aspects

LEAST SQUARE FIT [01]
BT1 Maximum-Likelihood Fit
BT2 Numerical Solution

LEATHER [01]
RT Skin

LEAVES [01]
UF *Foliage*
NT1 Tea Leaves
RT Chlorophyll
RT Foliar Uptake
RT Forest Litter
RT Photosynthesis
RT Plants
RT Transpiration

LEBANON [01]
BT1 Asia
BT1 Middle East

Lebedev Synchrotron
USE FIAN Synchrotron

LECITHINS [01]
BT1 Phospholipids
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds
RT Choline
RT Glycerol

LECTURES [01]
(Should be used to index all pieces of literature which are a lecture or a collection of lectures.)
BT1 Document Types

LED
DA April 1978
USE Light Emitting Diodes

LEDGEMONT PROCESS
DA May 1975
RT Desulfurization
RT Pyrite
DEF An oxygen leaching process for converting pyritic S in coal slurries to soluble sulfates.

LEE MODEL [01]
BT1 Particle Models

BT2 Mathematical Models

LEE-YANG THEORY [01]
UF *Salam Hypothesis*
UF *Yang-Lee Distribution*
RT Beta Decay
RT P Invariance

Leed
USE Electron Diffraction

LEGAL ASPECTS [01]
NT1 Antitrust Review
RT Bids
RT Compliance
RT Consumer Protection
RT Eminent Domain
RT Enforcement
RT Federal Water Pollution Control Act
RT IAEA Agreements
RT Inspection
RT Insurance
RT Intervenors
RT Joint Ventures
RT Land Leasing
RT Laws
RT Leasing
RT Legal Incentives
RT Legislation
RT Liabilities
RT Licenses
RT Licensing
RT Mineral Rights
RT Ownership
RT Patents
RT Political Aspects
RT Price-Anderson Act
RT Property Rights
RT Radiation Protection
RT Recommendations
RT Regulations
RT Regulatory Guides
RT Rights-of-Way
RT Safeguards
RT Safety Standards
RT Solar Rights
RT Water Rights
RT Workmens Compensation

LEGAL INCENTIVES
DA August 1979
SF *Incentives*
RT Financial Incentives
RT Government Policies
RT Institutional Factors
RT Legal Aspects
RT Regulations

LEGENDRE POLYNOMIALS [01]
BT1 Polynomials
BT2 Functions
RT Spherical Harmonics Method

LEGISLATION [01]
DA January 1975
UF *Legislative Programs*
RT Federal Water Pollution Control Act
RT Freedom of Information Act
RT Hearings
RT Implementation
RT Laws
RT Legal Aspects
RT Local Government
RT National Government
RT Regulations
RT State Government

Legislative Programs
DA February 1975
USE Legislation

LEGS [01]
BT1 Limbs
BT2 Body Areas
BT3 Body
NT1 Feet
RT Femur
RT Sciatic Nerve
RT Tibia

LEGUMINOSAE [01]
BT1 Plants
NT1 Alfalfa
NT1 Clover
NT1 Glycine Hispida
NT1 Phaseolus
NT1 Pisum
NT1 Vicia
RT Mimosine
RT Peanuts

LEHMANN-KAELLEN REPRESENTATION [01]
RT Quantum Field Theory

Lehmann-Symanzik-Zimmermann Method
USE LSZ Theory

LEIBSTADT REACTOR [01]
DA April 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LEISURE TIME ACTIVITIES
DA December 1978
RT Behavior
RT Gardening
RT Sociology

LEMONIZ-1 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

LEMONIZ-2 REACTOR [01]
DA June 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

LEMONS [01]
BT1 Fruits
BT2 Food
RT Citrus

Lena TRIGA-Mark-II Pulsed Reactor
USE TRIGA-2-Pavia Reactor

LENGTH [01]
BT1 Dimensions

Lenin (Nuclear Ship)
USE NS Lenin

LENIN REACTOR [01]
UF *Icebreaker Lenin Reactor*
UF *Nuclear Ship Lenin Reactor*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
RT NS Lenin

LENINGRAD INSTITUTE OF NUCLEAR PHYSICS (Leningrad Institute of Nuclear Physics (LIYaF).)
DA April 1977
BT1 USSR Organizations
BT2 National Organizations

LENINGRAD-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LENINGRAD-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LENINGRAD SYNCHROCYCLOTRON
DA May 1975
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

LENNARD-JONES POTENTIAL [01]
RT Interatomic Forces

Lens (Crystalline)
USE Crystalline Lens

LENSES [01]
NT1 Electromagnetic Lenses
NT1 Electrostatic Lenses
NT1 Fresnel Lens
RT Optical Systems

LEP STORAGE RINGS [01] (European Large Electron-Positron storage rings.)
DA November 1977
BT1 Storage Rings

LEPROSY [01]
BT1 Infectious Diseases
BT2 Diseases
RT Mycobacterium

LEPTON-BARYON INTERACTIONS [01]
BT1 Lepton-Hadron Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Electron-Deuteron Interactions
NT1 Lepton-Hyperon Interactions
NT1 Lepton-Nucleon Interactions
NT2 Antilepton-Neutron Interactions
NT3 Antineutrino-Neutron Interactions
NT2 Deep Inelastic Scattering
NT2 Electron-Nucleon Interactions
NT3 Electron-Neutron Interactions
NT3 Electron-Proton Interactions
NT2 Lepton-Neutron Interactions
NT2 Lepton-Proton Interactions
NT3 Antilepton-Proton Interactions
NT4 Antineutrino-Proton Interactions
NT2 Muon-Nucleon Interactions

NT3 Muon-Neutron Interactions
NT3 Muon-Proton Interactions
NT2 Neutrino-Nucleon Interactions
NT3 Antineutrino-Nucleon Interactions
NT4 Antineutrino-Neutron Interactions
NT4 Antineutrino-Proton Interactions
NT3 Neutrino-Neutron Interactions
NT4 Antineutrino-Neutron Interactions
NT3 Neutrino-Proton Interactions
NT4 Antineutrino-Proton Interactions
NT1 Muon-Deuteron Interactions
NT1 Neutrino-Deuteron Interactions

LEPTON BEAMS [01]
BT1 Particle Beams
BT2 Beams
NT1 Electron Beams
NT1 Muon Beams
NT1 Neutrino Beams
NT1 Positron Beams

Lepton-Deuteron Interactions
USE Deuterium Target
AND Lepton Reactions

LEPTON-HADRON INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
NT1 Lepton-Baryon Interactions
NT2 Electron-Deuteron Interactions
NT2 Lepton-Hyperon Interactions
NT2 Lepton-Nucleon Interactions
NT3 Antilepton-Neutron Interactions
NT4 Antineutrino-Neutron Interactions
NT3 Deep Inelastic Scattering
NT3 Electron-Nucleon Interactions
NT4 Electron-Neutron Interactions
NT4 Electron-Proton Interactions
NT3 Lepton-Neutron Interactions
NT3 Lepton-Proton Interactions
NT4 Antilepton-Proton Interactions
NT5 Antineutrino-Proton Interactions
NT3 Muon-Nucleon Interactions
NT4 Muon-Neutron Interactions
NT4 Muon-Proton Interactions
NT3 Neutrino-Nucleon Interactions
NT4 Antineutrino-Nucleon Interactions
NT5 Antineutrino-Neutron Interactions
NT5 Antineutrino-Proton Interactions
NT4 Neutrino-Neutron Interactions
NT5 Antineutrino-Neutron Interactions
NT4 Neutrino-Proton Interactions
NT5 Antineutrino-Proton Interactions
NT2 Muon-Deuteron Interactions
NT2 Neutrino-Deuteron Interactions
NT1 Lepton-Meson Interactions
NT2 Electron-Meson Interactions
NT3 Electron-Pion Interactions
NT2 Muon-Meson Interactions
NT3 Muon-Pion Interactions
NT2 Neutrino-Meson Interactions
RT Electromagnetic Interactions
RT Weak Interactions

LEPTON-HYPERON INTERACTIONS [01]
BT1 Lepton-Baryon Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

LEPTON-LEPTON INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
NT1 Electron-Electron Interactions
NT1 Electron-Muon Interactions
NT1 Electron-Positron Interactions
NT1 Muon-Muon Interactions
NT1 Neutrino-Electron Interactions
NT2 Antineutrino-Electron Interactions
NT1 Neutrino-Muon Interactions
NT1 Neutrino-Neutrino Interactions
RT Electromagnetic Interactions
RT Weak Interactions

LEPTON-MESON INTERACTIONS [01]
BT1 Lepton-Hadron Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Electron-Meson Interactions
NT2 Electron-Pion Interactions
NT1 Muon-Meson Interactions
NT2 Muon-Pion Interactions
NT1 Neutrino-Meson Interactions

LEPTON-NEUTRON INTERACTIONS [01]
DA April 1977
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

LEPTON-NUCLEON INTERACTIONS [01]
BT1 Lepton-Baryon Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Antilepton-Neutron Interactions
NT2 Antineutrino-Neutron Interactions
NT1 Deep Inelastic Scattering
NT1 Electron-Nucleon Interactions
NT2 Electron-Neutron Interactions
NT2 Electron-Proton Interactions
NT1 Lepton-Neutron Interactions
NT1 Lepton-Proton Interactions
NT2 Antilepton-Proton Interactions
NT3 Antineutrino-Proton Interactions
NT1 Muon-Nucleon Interactions
NT2 Muon-Neutron Interactions
NT2 Muon-Proton Interactions
NT1 Neutrino-Nucleon Interactions
NT2 Antineutrino-Nucleon Interactions
NT3 Antineutrino-Neutron Interactions
NT3 Antineutrino-Proton Interactions
NT2 Neutrino-Neutron Interactions
NT3 Antineutrino-Neutron Interactions
NT2 Neutrino-Proton Interactions
NT3 Antineutrino-Proton Interactions

LEPTON NUMBER [01]
NT1 Muon Number
RT Gauge Invariance
RT Leptons

LEPTON-PROTON INTERACTIONS [01]
DA September 1975
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Antilepton-Proton Interactions
NT2 Antineutrino-Proton Interactions

LEPTON REACTIONS [01]
UF+ *Lepton-Deuteron Interactions*
BT1 Nuclear Reactions
NT1 Electron Reactions
NT2 Electrofission
NT1 Muon Reactions
NT1 Neutrino Reactions
NT1 Positron Reactions

LEPTONIC DECAY [01]
BT1 Weak Interactions
BT2 Basic Interactions
BT3 Interactions
BT1 Weak Particle Decay
BT2 Particle Decay
BT3 Decay
RT Neutrinos
RT Semileptonic Decay
DEF Weak decay in which all decay products are leptons with at least one being a neutrino.

LEPTONS [01]
BT1 Elementary Particles
BT1 Fermions
NT1 Antileptons
NT2 Antineutrinos
NT3 Electron Antineutrinos
NT3 Muon Antineutrinos
NT2 Muons Plus
NT2 Positrons
NT3 Cosmic Positrons
NT1 Electrons
NT2 Cosmic Electrons
NT2 Exoelectrons
NT2 Prompt Electrons
NT2 Runaway Electrons
NT2 Solar Electrons
NT2 Solvated Electrons
NT2 Trapped Electrons
NT1 Heavy Leptons
NT2 Heavy Neutral Muons
NT2 Tau Neutrinos
NT2 Tau Particles
NT1 Muons
NT2 Cosmic Muons
NT2 Muons Minus
NT2 Muons Plus
NT1 Neutrinos
NT2 Antineutrinos
NT3 Electron Antineutrinos
NT3 Muon Antineutrinos
NT2 Cosmic Neutrinos
NT2 Electron Neutrinos
NT3 Electron Antineutrinos
NT2 Muon Neutrinos
NT3 Muon Antineutrinos
NT2 Solar Neutrinos
NT2 Tau Neutrinos
RT Feinberg-Pais Theory
RT Lepton Number
RT Semileptonic Decay

LERMONTOVITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

LESOTHO [01]
DA April 1975
BT1 Africa

LET [01]
UF *Linear Energy Transfer*
BT1 Energy Transfer
RT Biological Repair
RT Bragg Curve
RT Dose Equivalents
RT Energy Losses
RT Ionization
RT Microdosimetry
RT Oxygen Enhancement Ratio
RT Quality Factor
RT Radiation Quality
RT RBE

LETHAL DOSES
DA April 1976
BT1 Doses
NT1 Lethal Radiation Dose

LETHAL GENES [01]
BT1 Genes
RT Lethal Mutations

LETHAL IRRADIATION [01]
BT1 Irradiation
RT Death
RT Dose-Response Relationships
RT Lethal Radiation Dose
RT Mortality

RT Radiation Doses
RT Sublethal Irradiation
RT Supralethal Irradiation
RT Survival Curves
RT Survival Time

LETHAL MUTATIONS [01]
UF *Lethals*
BT1 Mutations
RT Lethal Genes

LETHAL RADIATION DOSE [01]
(Referring to a percentage kill, frequently with a time indication.)
UF *LD 50*
BT1 Lethal Doses
BT2 Doses
BT1 Radiation Doses
BT2 Doses
RT Lethal Irradiation
RT Sublethal Irradiation
RT Supralethal Irradiation

Lethals
USE Lethal Mutations

LETTUCE [01]
BT1 Vegetables
BT2 Food

LEUCINE [01]
UF *Aminoisocaproic Acid-alpha*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Leucocytes
USE Leukocytes

Leucovorin
DA December 1978
USE Citrovorum Factor

LEUKEMIA [01]
BT1 Hemic Diseases
BT2 Diseases
BT1 Neoplasms
BT2 Diseases
NT1 Myeloid Leukemia
RT Bone Marrow
RT Leukemia Viruses
RT Leukemogenesis
RT Leukocytes
RT Lymphatic System
RT Splenomegaly
RT Vinblastine

LEUKEMIA VIRUSES [01]
DA October 1977
BT1 Oncogenic Viruses
BT2 Viruses
BT3 Microorganisms
BT3 Parasites
RT Experimental Neoplasms
RT Leukemia

LEUKEMOGENESIS [01]
BT1 Carcinogenesis
BT2 Pathogenesis
RT Leukemia

LEUKOCYTES [01]
UF *Granulocytes*
UF *Leucocytes*
BT1 Blood Cells
BT2 Blood
BT3 Body Fluids
BT4 Biological Materials
NT1 Basophils
NT1 Eosinophils
NT1 Lymphocytes
NT1 Monocytes
NT1 Neutrophils
RT Leukemia
RT Leukopenia
RT Leukopoiesis
RT Phagocytes

LEUKOCYTIN
DA January 1975
RT Alkaloids
RT Blood Formation
DEF Substance in blood that stimulates the formation of leukocytes.

LEUKOPENIA [01]
BT1 Hemic Diseases
BT2 Diseases
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
NT1 Lymphopenia
RT Leukocytes

LEUKOPOIESIS [01]
UF *Lymphopoiesis*
BT1 Blood Formation
RT Leukocytes

Level Density
USE Energy Levels

LEVEL INDICATORS [01]
BT1 Measuring Instruments
RT Radiometric Gages

Level Schemes
USE Energy Levels

LEVEL WIDTHS [01]
RT Energy-Level Density
RT Energy Levels
RT Lifetime
RT Line Widths
RT Porter-Thomas Distribution

LEVELS [01]
(Limited to elevation. Not for ENERGY LEVELS.)
UF *Elevation*
NT1 Ground Level
NT1 Sea Level
NT1 Underground
NT1 Underwater
RT Altitude
RT Height

LEVINGER-BETHE THEORY [01]
UF *Levinger Method*
RT Nucleons
RT Photoproduction

Levinger Method
USE Levinger-Bethe Theory

LEVINSON-BANERJEE THEORY [01]
RT Inelastic Scattering

LEVINSON THEOREM [01]
RT Quantum Mechanics
RT Scattering

LEVITATED TRAINS
DA November 1975
UF *Magnetic Levitated Trains*
BT1 Trains
BT2 Vehicles
RT Levitation
RT Railways
RT Transportation Systems

LEVITATION [01]
RT Levitated Trains
RT Magnetic Fields

LEVITRON DEVICES [01]
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

LEVULINIC ACID [01]
UF *Acetylpropionic Acid-beta*
UF *Ketovaleric Acid-gamma*
BT1 Keto Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Levulose
USE Fructose

LEVY-KLEIN POTENTIAL [01]
UF *Levy Potential*
BT1 Potentials
RT Nucleon-Nucleon Potential

Levy Potential
USE Levy-Klein Potential

LEWIS ACIDS
DA April 1975
BT1 Inorganic Acids
BT2 Hydrogen Compounds
DEF Compounds that are electron deficient.

LEWIS BASES
DA April 1975
BT1 Bases
DEF Molecule with excess electrons.

Lewis Effect
USE Lewis Peak

LEWIS PEAK [01]
UF *Lewis Effect*
RT Nuclear Reactions

Leyden Event
DA June 1977
USE Anvil Project

LFR REACTOR [01]
UF *Lage Flux Reaktor Petten*
UF *Low Flux Reactor Petten*
UF *Petten Low Flux Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

LH [01]
UF *Interstitial Cell Stim Hormone*
UF *Luteinizing Hormone*
BT1 Gonadotropins
BT2 Pituitary Hormones
BT3 Peptide Hormones
BT4 Hormones
RT Androgens
RT Estrous Cycle
RT LH-RH

LH-RH [01]
(LH Releasing Hormone.)
DA May 1975
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT LH

LI-DRIFTED DETECTORS [01]
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Li-Drifted Ge Detectors
NT1 Li-Drifted Junction Detectors
NT1 Li-Drifted Si Detectors

LI-DRIFTED GE DETECTORS [01]
UF *Ge(Li) Detectors*
BT1 Ge Semiconductor Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments
BT1 Li-Drifted Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

LI-DRIFTED JUNCTION DETECTORS [01]
BT1 Junction Detectors

BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments
BT1 Li-Drifted Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

LI-DRIFTED SI DETECTORS [01]
BT1 Li-Drifted Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments
BT1 Si Semiconductor Detectors
BT2 Semiconductor Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

LIABILITIES [01]
NT1 Civil Liability
RT Accidents
RT Hazards
RT Insurance
RT Legal Aspects
RT Victims Compensation

Liability Conv Maritime Carriage Nuclear Materials
USE BCOCLMCNM

Liability Conv Nuclear Damage, Vienna
USE VCOCLND

Liability Conv on Third Party, Brussels
USE BCSTPC

Liability Conv on Third Party, Paris
USE PCOTPL

Liapunov Method
DA November 1976
USE Lyapunov Method

LIBERIA [01]
BT1 Africa

LIBRARIES
DA November 1975
RT Information
RT Public Buildings

LIBYA [01]
BT1 Africa
RT OPEC

LICENSES [01]
NT1 Construction Permits
NT1 Operating Licenses
RT Legal Aspects

LICENSING [01]
NT1 Reactor Licensing
RT Certification
RT Inspection
RT Legal Aspects
RT Patents
RT Radiation Protection
RT Recommendations
RT Regulations
RT Safety Standards
RT Site Selection

LICHENS [01]
BT1 Algae
BT2 Plants
BT1 Fungi
BT2 Plants

LICHTENBERG ALLOY [01]
BT1 Bismuth Base Alloys
BT2 Bismuth Alloys
BT3 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys

LICHTENBERG FIGURES [01]
RT Breakdown
RT Corona Discharges
RT Dielectric Materials

LICHTENBERG PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Molten Salts

Lidar
DA January 1979
USE Optical Radar

LIDO REACTOR [01]
UF *UKAEA-Lido Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

LIE GROUPS [01]
BT1 Symmetry Groups
NT1 Conformal Groups
NT1 De Sitter Group
NT1 Graded Lie Groups
NT1 O Groups
NT1 Poincare Groups
NT2 Lorentz Groups
NT1 SL Groups
NT1 SO Groups
NT2 SO-2 Groups
NT2 SO-3 Groups
NT2 SO-4 Groups
NT1 Sp Groups
NT1 SU Groups
NT2 SU-2 Groups
NT2 SU-3 Groups
NT2 SU-4 Groups
NT2 SU-5 Groups
NT2 SU-6 Groups
NT2 SU-8 Groups
NT1 SW Groups
NT2 SW-3 Groups
NT1 U Groups
NT2 U-1 Groups
NT2 U-2 Groups
NT2 U-3 Groups
NT2 U-4 Groups
NT2 U-6 Groups
NT2 U-12 Groups
RT Lattice Field Theory

Lie Superalgebra
DA December 1978
USE Graded Lie Groups

LIEBIGITE [01]
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT1 Uranium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

Life (Service)
DA August 1976
USE Service Life

LIFE CYCLE [01]
RT Adolescents
RT Adults
RT Children
RT Elderly People
RT Growth
RT Infants
RT Life Span
RT Ova
RT Pregnancy
RT Pupae
RT Reproduction
RT Ripening
RT Viability

LIFE-CYCLE COST
DA April 1976
BT1 Cost
RT Cost Benefit Analysis
RT Economics
RT Payback Period

Life Shortening
USE Life Span

LIFE SPAN [01]
UF *Life Shortening*
RT Age Dependence
RT Death
RT Dose Commitments
RT Life Cycle
RT Mortality

LIFE STYLES
DA November 1978
SF *Way of Life*
RT Quality of Life
RT Socio-Economic Factors
RT Standard of Living
DEF The manner in which is organized the daily life of an individual, or more generally, a community and the type of values reflected by this organization.

LIFE SUPPORT SYSTEMS
DA May 1979
RT Coal Miners
RT Decontamination
RT Diving Operations
RT Miners
RT Protective Clothing
RT Respirators
DEF Systems providing atmospheric control and monitoring.

LIFETIME [01]
UF *Mean Life*
NT1 Carrier Lifetime
RT Charge Plunger Method
RT Days Living Radioisotopes
RT Decay
RT Half-Life
RT Hours Living Radioisotopes
RT Level Widths
RT Millisec Living Radioisotopes
RT Minutes Living Radioisotopes
RT Nanosec Living Radioisotopes
RT Particle Properties
RT Particle Widths
RT Seconds Living Radioisotopes
RT Service Life
RT Storage Life
RT Years Living Radioisotopes

LIGAMENTS [01]
BT1 Connective Tissue
BT2 Tissues
BT3 Body

LIGANDS [01]
RT Complexes
RT Coordination Number
RT Stereochemistry

LIGASES [01]
UF *Synthetases*
BT1 Enzymes

Light
USE Visible Radiation

Light (Zodiacal)
USE Zodiacal Light

LIGHT BULB REACTORS [01]
BT1 Gas Fueled Reactors
BT2 Fluid Fueled Reactors

BT3 Reactors
BT2 Homogeneous Reactors
BT3 Reactors

LIGHT BULBS
DA July 1977
UF *Lamps*
NT1 Fluorescent Lamps
RT Lighting Systems

LIGHT CONE [01]
BT1 Space-Time
RT Cherenkov Radiation
RT Minkowski Space
RT Relativity Theory

LIGHT EMITTING DIODES [01]
UF *LED*
BT1 Semiconductor Diodes
BT2 Semiconductor Devices

LIGHT IONS [01]
(Whenever appropriate use one of the specific terms listed under ION BEAMS.)
DA November 1977
BT1 Ions
BT2 Charged Particles
RT Ion Beams
RT Ion Detection
RT Multicharged Ions

***LIGHT NUCLEI [01]**
(For nuclei with mass 1-40; for specific terms consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

LIGHT PIPES [01]
RT Scintillation Counters

LIGHT SCATTERING
DA January 1975
RT Optical Properties
RT Scattering
RT Visible Radiation

LIGHT SOURCES [01]
BT1 Radiation Sources
RT NSLS
RT Photon Beams
RT Synchrotron Radiation Sources
RT Visible Radiation

LIGHT TRANSMISSION
DA January 1975
RT Fiber Optics
RT Optical Properties
RT Transmission

LIGHTERING
DA August 1979
BT1 Materials Handling
RT Petroleum
RT Tanker Ships
RT Transport
DEF Transhipment of petroleum from VLCC to second vessel in order to reduce VLCC draft so that she can enter harbor.

LIGHTING SYSTEMS
DA January 1975
UF *Illumination Systems*
BT1 Electrical Equipment
BT2 Equipment
RT Ballasts
RT Fluorescent Lamps
RT Light Bulbs
RT Skylights
RT Visible Radiation

LIGHTNING [01]
BT1 Electric Discharges
NT1 Ball Lightning
RT Whistlers

LIGHTNING ARRESTERS [01]
BT1 Electrical Equipment
BT2 Equipment
RT Circuit Breakers

LIGNIN [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Biomass
RT Delignification
RT Glycosides
RT Hemicellulose
RT Polyacetals
RT Wood
RT Xylans

LIGNITE [01]
BT1 Brown Coal
BT2 Coal
BT3 Carbonaceous Materials
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels

LIGROIN
DA December 1975
UF *Benzine*
UF *Petroleum Ether*
BT1 Petroleum Products
RT Naphtha
DEF Any of several petroleum naphtha fractions boiling usually in the range 20 to 135°C consisting chiefly of pentanes and hexanes.

LILIUM [01]
BT1 Plants

LIMBS [01]
BT1 Body Areas
BT2 Body
NT1 Arms
NT1 Hands
NT2 Fingers
NT1 Legs
NT2 Feet
RT Muscles
RT Skeleton

LIME-LIMESTONE WET SCRUBBING PROCESSES
DA April 1977
BT1 Scrubbing
NT1 Bischoff Process
NT1 Jecco Process
NT1 SF Nateko Process
RT Desulfurization
RT Waste Processing
DEF Any processes for desulfurization of stack gases using a slurry of calcium oxide or calcium carbonate to absorb sulfur dioxide in a wet scrubber.

LIMERICK-1 REACTOR [01]
UF *Philadelphia Electric Power Reactor-1*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LIMERICK-2 REACTOR [01]
UF *Philadelphia Electric Power Reactor-2*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

LIMESTONE [01]
UF *Chalks*
BT1 Carbonate Rocks
BT2 Reservoir Rock
BT3 Rocks
BT1 Sedimentary Rocks
BT2 Rocks
RT Calcium Carbonates

LIMITER CIRCUITS [01]
BT1 Electronic Circuits

LIMITERS [01]
DA January 1975
UF *Diaphragms (Thermonuclear Device)*
UF *Insulating Limiters*
RT Plasma Diagnostics
RT Thermonuclear Devices

LIMITING FRAGMENTATION [01]
BT1 Hypothesis
RT Asymptotic Solutions
RT Inclusive Interactions
RT Laboratory System
RT Lorentz Transformations
RT Multiple Production
RT Particle Models

LIMITING VALUES [01]
RT Nuclear Properties
RT Particle Properties
RT Thermodynamic Properties
DEF Upper and/or lower bounds on a physical property determined theoretically or experimentally.

LIMNOLOGY [01]
RT Aquatic Ecosystems
RT Fresh Water
RT Hydrosphere
RT Oceanography
DEF The physical, chemical, meteorological, and esp. the biological and ecological conditions in inland waters.

LIMONITE [01]
DA May 1975
BT1 Iron Ores
BT2 Ores
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
RT Hematite

Linacs
USE Linear Accelerators

LINDANE [01]
DA August 1976
BT1 Chlorinated Alicyclic Hydrocarbons
BT2 Halogenated Alicyclic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT1 Insecticides
BT2 Pesticides

LINE BROADENING [01]
UF *Spectral Broadening*
NT1 Doppler Broadening
RT Line Narrowing
RT Line Widths
RT Optical Depth Curve
RT Spectra
RT Spectroscopic Curve of Growth
RT Stark Effect

LINE DEFECTS [01]
BT1 Crystal Defects
BT2 Crystal Structure
NT1 Crowdions
NT1 Dislocations
NT2 Edge Dislocations
NT2 Frank-Read Source
NT2 Screw Dislocations

LINE LOSSES
DA January 1979

BT1 Power Losses
BT2 Energy Losses
BT3 Losses
RT Electric Power
RT Power Transmission
RT Power Transmission Lines
DEF Total of the various energy losses occurring in a transmission line.

LINE NARROWING [01]
DA September 1976
UF *Spectral Narrowing*
RT Line Broadening
RT Line Widths
RT Spectra

LINE WIDTHS [01]
RT Level Widths
RT Line Broadening
RT Line Narrowing
RT Spectra

LINEAR ABSORPTION MODELS [01]
DA January 1975
UF *Absorption Model*
BT1 Particle Models
BT2 Mathematical Models
RT Partial Waves
RT Regge Poles
RT Scattering Amplitudes
DEF Model satisfying operator equation A = RS, where A is the physical scattering amplitude, R is the product of the input Regge pole amplitude, and S is a rescattering factor; and the scalar equation for partial wave projections A(b) = R(b)S(b), where b = (J + 1/2)/k is the impact parameter.

LINEAR ACCELERATORS [01]
UF *Linacs*
BT1 Accelerators
NT1 CERN Linac
NT1 Frascati Linac
NT1 Helac
NT1 Hilacs
NT2 SuperHilac
NT1 ING Linac
NT1 JAERI Linac
NT1 KEK Linac
NT1 Kharkov Linac
NT1 LAMPF Linac
NT1 MEA Linac
NT1 Minnesota Univ Linac
NT1 MIT Bates Linac
NT1 NRL Linac
NT1 ORELA
NT1 Orsay Linac
NT1 Saclay Linac
NT1 Stanford 1.2-GeV Linac
NT1 Stanford 20-GeV Linac
NT1 Swierk Linac
NT1 UNILAC
NT1 Zeran Linac
RT FMIT Facility
RT Neutron Source Facilities

Linear Combination of Atomic Orbitals
USE LCAO Method

Linear Energy Transfer
USE LET

LINEAR HARD CORE PINCH DEVICES [01]
UF *Inverse Pinch Devices (Linear)*
UF *Tubular Pinch Devices (Linear)*
UF *Unpinch Devices*
BT1 Linear Pinch Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
RT Hard Core Pinch

LINEAR MOMENTUM [01]
UF *Momentum (Linear)*
NT1 Longitudinal Momentum
NT1 Transverse Momentum
RT Angular Momentum
RT Dalitz Plot
RT Energy-Momentum Tensor
RT Kinetic Energy
RT Linear Momentum Operators
RT Linear Momentum Resolution
RT Mass
RT Motion
RT Prism Plot
RT Velocity

LINEAR MOMENTUM OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
RT Linear Momentum

LINEAR MOMENTUM RESOLUTION [01]
BT1 Resolution
RT Linear Momentum

LINEAR MOMENTUM TRANSFER [01]
UF *Transfer (Linear Momentum)*
BT1 Momentum Transfer
RT Energy Transfer
RT Four Momentum Transfer

LINEAR PINCH DEVICES [01]
BT1 Open Plasma Devices
BT2 Thermonuclear Devices
BT1 Pinch Devices
BT2 Thermonuclear Devices
NT1 Linear Hard Core Pinch Devices
NT1 Linear Screw Pinch Devices
NT1 Linear Theta Pinch Devices
NT2 BSG Devices
NT2 Chalice Devices
NT2 Isar Devices
NT2 Pharos Devices
NT2 Piace Devices
NT2 Scylla Devices
NT1 Linear Z Pinch Devices
NT1 Megatron
RT Linear Pinch Type Reactors

LINEAR PINCH TYPE REACTORS
DA September 1976
BT1 Thermonuclear Reactors
RT Linear Pinch Devices

LINEAR PROGRAMMING [01]
BT1 Econometrics
BT2 Economics

LINEAR RATEMETERS [01]
BT1 Counting Ratemeters
BT2 Electronic Equipment

LINEAR SCREW PINCH DEVICES [01]
UF *Combined Pinch Devices (Linear)*
BT1 Linear Pinch Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
RT Screw Pinch

Linear-Segmented Array Collector
DA October 1978
USE Slat Type Collectors

LINEAR THETA PINCH DEVICES [01]
UF *Azimuthal Pinch Devices (Linear)*
UF *Orthogonal Pinch Devices (Linear)*
BT1 Linear Pinch Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
NT1 BSG Devices
NT1 Chalice Devices
NT1 Isar Devices
NT1 Pharos Devices
NT1 Piace Devices
NT1 Scylla Devices
RT Theta Pinch

LINEAR Z PINCH DEVICES [01]
UF *Longitudinal Pinch Devices (Linear)*
UF *Z Pinch Devices (Linear)*
BT1 Linear Pinch Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
RT Longitudinal Pinch

LINERS [01]
DA January 1975
RT Containers
RT Lining Processes
RT Tanks

LINGEN REACTOR [01]
UF *Kernkraftwerk Lingen*
UF *KWL Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LINING PROCESSES [01]
RT Liners
RT Surface Coating

Linking (Borehole)
DA November 1976
USE Borehole Linking

LINOLEIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

LINOLENIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

LINOTRONS
DA January 1975
BT1 Cyclic Accelerators
BT2 Accelerators
DEF Combination of linear and circular accelerators in which particles pass through linac alternatively in one and then the other direction, turning around in special reflectors with constant magnetic fields.

LINSEED OIL [01]
UF *Flaxseed Oil*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
RT Flax Plants

Linseed Plants
USE Flax Plants

LINUS REACTORS
DA January 1978
BT1 Thermonuclear Reactors

Liouville Equation
USE Boltzmann-Vlasov Equation

LIOUVILLE THEOREM [01]
RT Phase Space
RT Statistical Mechanics

LIPASES [01]
BT1 Esterases
BT2 Hydrolases
BT3 Enzymes

LIPIDS [01]
BT1 Organic Compounds
NT1 Gangliosides
NT1 Glycolipids
NT2 Cerebrosides
NT1 Lanolin
NT1 Lipopolysaccharides
NT1 Lipoproteins
NT2 Apolipoproteins
NT2 Myelin
NT1 Phospholipids
NT2 Cardiolipin
NT2 Cephalins
NT2 Lecithins
NT2 Sphingomyelins
NT1 Triglycerides
NT2 Butter Fat
NT2 Corn Oil
NT2 Croton Oil
NT2 Linseed Oil
NT2 Olive Oil
NT2 Peanut Oil
NT2 Soybean Oil
NT2 Triolein
RT Cholesterol
RT Choline
RT Chylomicrons
RT Esters
RT Fats
RT Liposomes
RT Lipotropic Factors
RT Valinomycin

LIPIODOL [01]
BT1 Contrast Media
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

Lipoic Acid (Alpha)
USE Thioctic Acid

LIPOPOLYSACCHARIDES [01]
BT1 Lipids
BT2 Organic Compounds
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

LIPOPROTEINS [01]
UF *Proteolipids*
BT1 Lipids
BT2 Organic Compounds
BT1 Proteins
BT2 Organic Compounds
NT1 Apolipoproteins
NT1 Myelin

LIPOSOMES
DA July 1979
UF *Multilamellar Lipid Vesicles*
BT1 Organoids
BT2 Cell Constituents
RT Carriers
RT Lipids
DEF A lipoidal inclusion in the cytoplasm. Prepared in vitro of alternating lipid and water layers and proposed as target-specific pharmaceutical delivery system in organisms.

LIPOTROPIC FACTORS [01]
NT1 Choline
NT1 Ethionine
NT1 Inositol
NT1 Methionine
NT1 Phytic Acid
NT1 Thioctic Acid
RT Lipids
RT Vitamin B Group

LIPPMANN-SCHWINGER EQUATION [01]
BT1 Integral Equations
BT2 Equations
RT Blankenbecler-Sugar Equations
RT Faddeev Equations
RT Quantum Mechanics
RT Quasipotential Equation
RT Schwinger Variational Method

Lips
USE Oral Cavity

LIQUEFACTION [01]
DA February 1975
BT1 Thermochemical Processes
NT1 Coal Liquefaction
NT2 ADL Process
NT2 Bergius Process
NT2 Catalytic Hydrosolvation Process
NT2 CFFC Process
NT2 COED Process
NT2 Coil Process
NT2 Costeam Process
NT2 CSF Process
NT2 Dow Liquefaction Process
NT2 Exxon Liquefaction Process
NT2 Flash Hydropyrolysis Process
NT2 H-Coal Process
NT2 Occidental Flash Pyrolysis Process
NT2 Pamco Process
NT2 Pott-Broche Process
NT2 Sasol Process
NT2 SRC-II Process
NT2 Supercritical Gas Extraction
NT2 Synthoil Process
NT2 Synthol Process
NT2 Uhde-Pfirrmann Process
NT2 Zinc Halide Process
NT1 In-Situ Liquefaction

LIQUEFIED NATURAL GAS
DA January 1975
UF *LNG*
BT1 Natural Gas
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
BT2 Fuel Gas
BT3 Energy Sources
BT3 Gas Fuels
BT4 Fuels
BT3 Gases
BT4 Fluids
RT Liquid Fuels
RT LNG Industry
RT LNG Plants
RT Natural Gas Liquids
RT North Star Project
RT Terminal Facilities

LIQUEFIED PETROLEUM GASES
DA April 1975
UF *LP-gas*
BT1 Natural Gas Liquids
BT1 Petroleum Products
RT Heating Oils
RT Lease Condensates

Liquefiers
DA February 1975
USE Condensers

Liquid Asphalt
DA January 1976
USE Petroleum Residues

LIQUID COLUMN CHROMATOGRAPHY [01]
DA June 1977
BT1 Chromatography
BT2 Separation Processes

LIQUID CONTAMINATION MONITORS [01]
BT1 Radiation Monitors
BT2 Measuring Instruments
RT Contamination

LIQUID CRYSTALS [01]
BT1 Crystals
BT1 Liquids
BT2 Fluids
RT Pockels Cell

Liquid-Dominated Hydrothermal Convective Systems
DA March 1976
SEE Hot-Water Systems

LIQUID DROP MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Neutron Emission
RT Weizsaecker Formula

Liquid Effluents
USE Liquid Wastes

LIQUID FLOW [01]
BT1 Fluid Flow
RT Hydrodynamics
RT Liquids
RT Multiphase Flow
RT Two-Phase Flow

LIQUID FUELS [01]
BT1 Fuels
NT1 Fuel Solutions
NT1 Liquid Metal Fuels
NT1 Molten Salt Fuels
RT Coal Liquids
RT Fuel Oils
RT Liquefied Natural Gas

LIQUID HOLDING RECOVERY
DA February 1975
BT1 Biological Recovery
BT2 Recovery

LIQUID HOMOGENEOUS REACTORS [01]
BT1 Fluid Fueled Reactors
BT2 Reactors
BT1 Homogeneous Reactors
BT2 Reactors
*NT1 Aqueous Homogeneous Reactors
RT Fuel Solutions

LIQUID ION EXCHANGERS [01]
BT1 Ion Exchange Materials

LIQUID IONIZATION CHAMBERS [01]
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments

LIQUID LASERS
DA May 1977
BT1 Lasers

Liquid Metal Coolant
USE Liquid Metals

LIQUID METAL COOLED REACTORS [01]
BT1 Reactors
NT1 DFR Reactor
NT1 Joyo Reactor
NT1 Lithium Cooled Reactors
NT2 LCRE Reactor
NT1 LMFBR Type Reactors
NT2 PLBR Reactor
NT2 SNR-1 Reactor
NT2 SNR-2 Reactor
NT1 Mercury Cooled Reactors
NT2 Clementine Reactor
NT2 SBR-2 Reactor
NT1 NaK Cooled Reactors
NT2 EBR-1 Reactor
NT2 S8DR Reactor
NT2 S2DS Reactor
NT2 SER Reactor
NT2 S8ER Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT2 SNAP-TSF Reactor
NT2 SNAPTRAN Reactors
*NT1 Potassium Cooled Reactors
*NT1 Sodium Cooled Reactors
NT1 SZR Type Reactors
NT2 KNK Reactor

NT2 KNK-2 Reactor

LIQUID METAL FUELS [01]
BT1 Liquid Fuels
BT2 Fuels
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
RT Fluid Fueled Reactors

LIQUID-METAL MHD GENERATORS [01]
DA May 1975
BT1 MHD Generators
BT2 Direct Energy Converters

Liquid Metal Test Facilities
DA April 1975
USE Test Facilities

Liquid Metal-Water Reactions
DA June 1977
USE Molten Metal-Water Reactions

LIQUID METALS [01]
UF *Liquid Metal Coolant*
BT1 Liquids
BT2 Fluids
BT1 Metals
BT2 Elements
RT Coolants

LIQUID PENETRANT INSPECTION [01]
UF *Fluorescent Penetrant Tests*
UF *Penetrant Inspection (Liquid)*
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing

LIQUID PHASE METHANATION PROCESS
DA May 1976
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Methanation
DEF Process being developed by Chem Systems, Inc., under auspices of ERDA and AGA. Overall objective is to develop practical and useful process for converting coal-derived synthesis gases to methane as major constituent of SNG, using liquid fluidized beds.

Liquid-Phase Sintering
USE Sintering

LIQUID PROPORTIONAL COUNTERS [01]
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments

LIQUID SCINTILLATION DETECTORS [01]
BT1 Scintillation Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Liquid Scintillators

LIQUID SCINTILLATORS [01]
BT1 Phosphors
RT Liquid Scintillation Detectors
RT Scintillation Counting
RT Terphenyls

LIQUID WASTES [01]
SF *Nonradioactive Wastes*
UF *Effluents (Liquid)*
UF *Liquid Effluents*
UF *Waste Solutions*
BT1 Wastes
NT1 Spent Liquors
NT1 Waste Water
RT Bioadsorbents
RT Biochemical Oxygen Demand
RT Biological Wastes
RT Chemical Effluents
RT Chemical Oxygen Demand
RT Ground Disposal
RT Ground Water
RT Industrial Wastes
RT Organic Wastes
RT Plumes
RT Radioactive Effluents
RT Reinjection
RT Surface Waters
RT Waste Disposal
RT Waste Processing
RT Water
RT Water Pollution Monitors

LIQUIDS [01]
BT1 Fluids
NT1 Black Liquids
NT1 Liquid Crystals
NT1 Liquid Metals
RT Dispersions
RT Droplets
RT Hydrostatic Bearings
RT Liquid Flow
RT Phase Diagrams
RT Pour Point
RT Structure Factors
RT Vapors
RT Void Fraction

Litek Lamp
DA July 1977
USE Fluorescent Lamps

LITHIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

LITHIUM 3 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

LITHIUM 4 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

LITHIUM 5 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LITHIUM 6 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Lithium 6 Beams
RT Lithium 6 Reactions

LITHIUM 7 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Lithium 7 Beams
RT Lithium 7 Reactions

LITHIUM 8 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LITHIUM 9 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LITHIUM 10 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

LITHIUM 11 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

LITHIUM 12
DA February 1975
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

LITHIUM 13 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Lithium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

LITHIUM ADDITIONS [01]
BT1 Lithium Alloys
BT2 Alloys

LITHIUM ALLOYS [01]
BT1 Alloys

NT1 Alloy-Vad23
NT1 Lithium Additions
NT1 Lithium Base Alloys

LITHIUM BASE ALLOYS [01]
BT1 Lithium Alloys
BT2 Alloys

LITHIUM 6 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Lithium 6

LITHIUM 7 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Lithium 7

LITHIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds

LITHIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lithium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds

LITHIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds

LITHIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds

LITHIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lithium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds

LITHIUM-CHLORINE BATTERIES
DA June 1975
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

LITHIUM COMPLEXES [01]
BT1 Complexes

LITHIUM COMPOUNDS [01]
BT1 Alkali Metal Compounds
NT1 Lithium Borides
NT1 Lithium Carbides
NT1 Lithium Carbonates
NT1 Lithium Halides
NT2 Lithium Bromides
NT2 Lithium Chlorides
NT2 Lithium Fluorides
NT2 Lithium Iodides
NT1 Lithium Hydrides
NT2 Lithium Deuterides
NT2 Lithium Tritides
NT1 Lithium Hydroxides
NT1 Lithium Nitrates
NT1 Lithium Nitrides
NT1 Lithium Oxides
NT1 Lithium Perchlorates
NT1 Lithium Phosphates
NT1 Lithium Selenides
NT1 Lithium Silicates
NT1 Lithium Silicides
NT1 Lithium Sulfates
NT1 Lithium Sulfides
NT1 Lithium Tellurides
NT1 Lithium Tungstates
NT1 Lithium Uranates

Lithium Cooled Reactor Experiment
DA January 1975
USE LCRE Reactor

LITHIUM COOLED REACTORS [01]
DA January 1975
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 LCRE Reactor

LITHIUM-COPPER CHLORIDE BATTERIES
DA March 1976
BT1 Metal-Nonmetal Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

LITHIUM DEUTERIDES [01]
BT1 Deuterides
BT2 Deuterium Compounds
BT3 Hydrogen Compounds
BT1 Lithium Hydrides
BT2 Hydrides
BT3 Hydrogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds

LITHIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lithium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds
RT Dielectric Track Detectors
RT Flibe
RT Thermoluminescent Dosemeters

LITHIUM HALIDES
DA April 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
NT1 Lithium Bromides
NT1 Lithium Chlorides
NT1 Lithium Fluorides
NT1 Lithium Iodides

LITHIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
NT1 Lithium Deuterides
NT1 Lithium Tritides

LITHIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Lithium Compounds
BT2 Alkali Metal Compounds

LITHIUM IODIDES [01]
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Lithium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds

LITHIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

LITHIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Lithium 3
NT1 Lithium 4
NT1 Lithium 5
NT1 Lithium 6
NT1 Lithium 7
NT1 Lithium 8
NT1 Lithium 9
NT1 Lithium 10
NT1 Lithium 11
NT1 Lithium 12
NT1 Lithium 13

LITHIUM NITRATES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

LITHIUM NITRIDES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

LITHIUM OXIDES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

LITHIUM PERCHLORATES [01]
DA October 1975
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

LITHIUM PHOSPHATES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

LITHIUM 6 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Lithium 6

LITHIUM 7 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Lithium 7

LITHIUM SELENIDES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

LITHIUM SILICATES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

LITHIUM SILICIDES
DA February 1979
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

LITHIUM SULFATES [01]
BT1 Lithium Compounds

BT2 Alkali Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

LITHIUM SULFIDES [01]
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

LITHIUM-SULFUR BATTERIES
DA February 1975
BT1 Metal-Nonmetal Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

LITHIUM 6 TARGET [01]
DA July 1976
BT1 Targets

LITHIUM 7 TARGET [01]
DA July 1976
BT1 Targets

LITHIUM 9 TARGET [01]
DA July 1976
BT1 Targets

LITHIUM TELLURIDES [01]
DA November 1976
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

LITHIUM TRITIDES [01]
DA May 1975
BT1 Lithium Hydrides
BT2 Hydrides
BT3 Hydrogen Compounds
BT2 Lithium Compounds
BT3 Alkali Metal Compounds
BT1 Tritium Compounds
BT2 Labelled Compounds

LITHIUM TUNGSTATES [01]
DA June 1977
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Tungstates

LITHIUM URANATES [01]
DA August 1975
BT1 Lithium Compounds
BT2 Alkali Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

LITHIUM-WATER-AIR BATTERIES
DA January 1976
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

LITHOLOGY
DA April 1975
RT Rocks
DEF Description of the physical character of a rock as determined by eye or with a low-power magnifier and based on color, structure, mineralogic components, and grain size.

LITHOTYPES
DA May 1978
RT Coal
RT Macerals
RT Petrology

Litigation
DA September 1978
USE Lawsuits

LITR REACTOR [01]
UF *Low Intensity Test Reactor*
UF *US AEC Low Intensity Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

LITTER SIZE [01]
RT Progeny

LIVER [01]
BT1 Digestive System
BT1 Glands
BT2 Organs
BT3 Body
RT Abdomen
RT Biliary Tract
RT Glycogen
RT Hepatectomy
RT Hepatitis
RT Hepatomas
RT Jaundice
RT Liver Cirrhosis
RT Metabolism
RT Peritoneum
RT Portal System
RT Reticuloendothelial System

LIVER CIRRHOSIS [01]
BT1 Digestive System Diseases
BT2 Diseases
RT Liver

Livermore Pool Type Reactor
USE LPTR Reactor

Livermore Water Boiler
USE LIWB Reactor

Livestock
USE Domestic Animals

Living Standards
DA October 1978
USE Standard of Living

LIWB REACTOR [01]
UF *Livermore Water Boiler*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Lixiviation
USE Leaching

LIZARDS [01]
BT1 Reptiles
BT2 Vertebrates
BT3 Animals

LJUNGSTROM PROCESS
DA June 1975
RT In-Situ Retorting
RT Oil Shales
DEF Electrothermal production of shale oil in-situ.

LLAMAS [01]
DA June 1975
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals

LLOYDMINSTER DEPOSIT
DA April 1975
RT Oil Shales

LM DEVICES [01]
(Linear multipoles.)
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
RT Multipolar Configurations

LMFBR TYPE REACTORS [01]
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 PLBR Reactor
NT1 SNR-1 Reactor
NT1 SNR-2 Reactor

LNG
DA January 1975
USE Liquefied Natural Gas

LNG INDUSTRY
DA June 1978
BT1 Natural Gas Industry
BT2 Industry
RT Liquefied Natural Gas
RT LNG Plants

LNG PLANTS
DA January 1976
RT Liquefied Natural Gas
RT LNG Industry
RT Natural Gas

Load (Dynamic)
DA August 1976
USE Dynamic Loads

LOAD MANAGEMENT [01]
DA March 1976
BT1 Management
RT Capacity
RT Electric Power
RT Marginal-Cost Pricing
RT Off-Peak Energy Storage
RT Peak-Load Pricing

LOADING
DA August 1978
BT1 Materials Handling
RT Unloading

Loading (Reactor)
USE Reactor Fueling

Loading Machines (Reactor)
USE Reactor Charging Machines

LOADING RATE
DA July 1978
RT Chemical Reactors

Loads (Static)
DA August 1976
USE Static Loads

LOAM [01]
BT1 Soils
RT Clays

Lobachevsky-Bolyai Geometry
USE Lobachevsky Geometry

LOBACHEVSKY GEOMETRY [01]
UF *Lobachevsky-Bolyai Geometry*
UF *Lobachevsky Space*
RT Mathematical Space

Lobachevsky Space
USE Lobachevsky Geometry

LOBSTERS [01]
DA January 1976
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates

BT4 Animals
RT Seafood

Local Boiling
USE Subcooled Boiling

LOCAL FALLOUT [01]
UF *Close-In Fallout*
BT1 Fallout
RT Civil Defense
RT External Irradiation
RT Fallout Shelters
RT Nuclear Weapons
RT Shelters

Local Galaxy
USE Milky Way

LOCAL GOVERNMENT
DA August 1977
RT Building Codes
RT Federal Assistance Programs
RT Government Policies
RT Legislation
RT National Government
RT Regulations
RT Social Services
RT State Government

Local Group
USE Galaxies

LOCAL IRRADIATION [01]
BT1 Irradiation
RT Abscopal Radiation Effects
RT External Irradiation
RT Local Radiation Effects
RT Partial Body Irradiation
RT Spatial Dose Distributions

LOCAL RADIATION EFFECTS [01]
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
NT1 Osteoradionecrosis
NT1 Radiation Burns
NT1 Radiodermatitis
RT Local Irradiation

Local Thermodynamic Equilibrium
USE LTE

LOCALITY [01]
RT Nonlocal Potential
RT PHI4-Field Theory
RT Quantum Field Theory

Localization (Biological)
DA June 1975
USE Biological Localization

Locks (Security)
USE Physical Protection Devices

LOCUSTS [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Grasshoppers

LODOCHNIKITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

LOFT REACTOR [01]
UF *Loss of Fluid Test Reactor*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

LOGARITHMIC RATEMETERS [01]
BT1 Counting Ratemeters
BT2 Electronic Equipment

Logging While Drilling
DA December 1978
USE MWD Systems

Logic (Mathematics)
DA November 1975
USE Mathematical Logic

LOGIC CIRCUITS [01]
BT1 Electronic Circuits
RT Gating Circuits

LOLLIPOP EVENT [01]
BT1 Vela Project

LONDON EQUATION [01]
BT1 Equations
RT Superconductivity

London Safety of Life at Sea Convention
USE SOLAS Convention

LONG COUNTERS [01]
BT1 Moderating Detectors
BT2 Neutron Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

Long-Lens Spectrometers
USE Magnetic Lens Spectrometers

Long-Range Interactions
USE Interaction Range

LONG SHOT EVENT [01]
BT1 Vela Project

Long Term Intake
USE Chronic Intake

Long Term Irradiation
USE Chronic Irradiation

LONG VALLEY
DA April 1976
BT1 California
BT2 USA
BT3 North America
BT2 Western Region

LONG WAVE RADIATION [01]
UF *Low Frequency Radiation*
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

LONGITUDINAL MOMENTUM [01]
UF *Momentum (Longitudinal)*
BT1 Linear Momentum
RT Center-of-Mass System
RT Nuclear Reactions
RT Particle Interactions
RT Particle Rapidity
RT Transverse Momentum

LONGITUDINAL PINCH [01]
UF *Zet Pinch*
BT1 Pinch Effect
NT1 Belt Pinch
RT Linear Z Pinch Devices
RT TLP Devices

Longitudinal Pinch Devices (Linear)
USE Linear Z Pinch Devices

Longitudinal Pinch Devices (Toroidal)
USE TLP Devices

LONGWALL MINING
DA March 1977
BT1 Underground Mining
BT2 Mining
RT Coal Mining
RT Hydraulic Mining

Loops (Coolant)
USE Coolant Loops

Loops (In Pile)
USE In Pile Loops

LOOSE PARTS MONITORING
DA December 1976
BT1 Monitoring
RT Reactor Instrumentation
DEF Detecting foreign, misplaced, or loose objects in reactor cores and cooling systems.

LOPRA REACTOR [01]
DA January 1975
UF *Low Power Reactor Assembly*
UF *University of Illinois LOPRA Reactor*
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

LORENTZ FORCE [01]
RT Charged Particles
RT Interactions
RT Magnetic Fields

LORENTZ GAS [01]
UF *Lorentz Plasma*
BT1 Fully Ionized Gases
BT2 Ionized Gases
BT3 Gases
BT4 Fluids

LORENTZ GROUPS [01]
BT1 Poincare Groups
BT2 Lie Groups
BT3 Symmetry Groups

LORENTZ INVARIANCE [01]
BT1 Invariance Principles
RT Lorentz Transformations
RT Relativity Theory

Lorentz Plasma
USE Lorentz Gas

LORENTZ POLES [01]
UF *Toller Poles*
RT Regge Poles

LORENTZ TRANSFORMATIONS [01]
BT1 Transformations
RT Center-of-Mass System
RT Laboratory System
RT Limiting Fragmentation
RT Lorentz Invariance
RT Minkowski Space
RT Poincare Groups
RT Relativity Theory
RT Space-Time

LOS ALAMOS
DA March 1979
BT1 New Mexico
BT2 Southwest Region
BT2 USA
BT3 North America

Los Alamos Meson Physics Facility
USE LAMPF Linac

Los Alamos Molten Plutonium Reactor Experiment
USE LAMPRE-1 Reactor

Los Alamos Omega West Reactor
USE OWR Reactor

Los Alamos Power Reactor Experiment-1
USE LAPRE-1 Reactor

Los Alamos Power Reactor Experiment-2
USE LAPRE-2 Reactor

Los Alamos Scientific Laboratory
USE LASL

Los Alamos Water Boiler Reactor
DA April 1975
USE SUPO Reactor

LOS ANGELES
DA June 1975
BT1 California
BT2 USA
BT3 North America
BT2 Western Region

LOSS CONE [01]
RT Loss Cone Instability
RT Magnetosphere
RT Plasma
RT Plasmapause
RT Solar Wind

LOSS CONE INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Loss Cone

LOSS OF COOLANT [01]
BT1 Reactor Accidents
BT2 Accidents
RT Blowdown
RT Coolants
RT Core Flooding Systems
RT Core Spray Systems
RT Loss of Flow
RT Reactor Cooling Systems

LOSS OF FLOW [01]
BT1 Reactor Accidents
BT2 Accidents
RT Loss of Coolant

Loss of Fluid Test Reactor
USE Loft Reactor

LOSSES [01]
NT1 Energy Losses
NT2 Heat Losses
NT2 Power Losses
NT3 Line Losses
NT2 Relaxation Losses
RT Accounting
RT Inventories
RT Material Balance
RT Material Unaccounted For
RT Nuclear Materials Management
RT Safeguards

Losses (Energy)
USE Energy Losses

LOUISIANA [01]
BT1 Southwest Region
BT1 USA
BT2 North America
RT Mississippi River
RT Ozark Region

LOVE WAVES
DA July 1978
BT1 Seismic Surface Waves

LOVIISA REACTOR [01]
(Used for Loulisa-1 Reactor prior to 1976.)
UF *Imatran Voima Power Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

LOVIISA-1 REACTOR [01]
(Prior to 1976, LOVIISA REACTOR was used.)
DA August 1976
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

LOVIISA-2 REACTOR [01]
DA August 1976
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

LOVOZERITE [01]
BT1 Minerals
BT1 Sodium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

LOVOZERO [01]
BT1 USSR
BT2 Europe

LOW-BETA PLASMA [01]
(Beta from 0 to 0.01.)
BT1 Plasma
RT Beta Ratio

LOW BTU GAS
(150 to 250 Btu/ft^3.)
DA January 1975
BT1 Fuel Gas
BT2 Energy Sources
BT2 Gas Fuels
BT3 Fuels
BT2 Gases
BT3 Fluids
NT1 Producer Gas
RT Conoco Process
RT GEGAS Process
RT Pyrotek Process
RT Woodall-Duckham Process

LOW DOSE IRRADIATION [01]
BT1 Irradiation
RT Chronic Irradiation
RT Dose Rates
RT Dose-Response Relationships
RT Radiation Doses

Low Energy Electron Diffraction
USE Electron Diffraction

LOW-ENERGY THEOREM [01]
UF *Soft Pion Theorem*
UF *Soft-Pion Theorem*
RT Current Algebra

LOW EQUATION [01]
BT1 Equations

Low Flux Reactor Petten
USE LFR Reactor

Low Frequency Radiation
USE Long Wave Radiation

LOW-HEAD HYDROELECTRIC POWER PLANTS
(Prior to August 1978 HYDROELECTRIC POWER PLANTS was used.)
DA August 1978
BT1 Hydroelectric Power Plants
BT2 Power Plants
DEF Heads of less than 50 ft.

LOW INCOME GROUPS
DA April 1978
UF *Poor People*
RT Economics
RT High Income Groups
RT Income
RT Socio-Economic Factors

Low Intensity Test Reactor
USE LITR Reactor

LOW LEVEL COUNTERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments

LOW LEVEL COUNTING [01]
DA November 1976
BT1 Counting Techniques

LOW-LEVEL RADIOACTIVE WASTES [01]
DA January 1978
BT1 Radioactive Wastes
BT2 Radioactive Materials
BT2 Wastes
RT High-Level Radioactive Wastes
RT Intermediate-Level Radioactive Wastes
DEF Waste containing less than 5×10^{-5} microcuries/milliliter of mixed fission products.

Low Power Reactor Assembly
DA January 1975
USE LOPRA Reactor

Low Power Test Facility-NRTS
USE LPTF Reactor

LOW PRESSURE [01]
UF *Pressure (1-760 Torr)*
UF *Rough Vacuum*
UF *Vacuum (1-760 Torr)*
UF *Vacuum (Rough)*
RT Pressure Dependence

Low Pressure Coolant Injection
DA January 1975
USE LPCI

LOW TEMPERATURE [01]
UF *Temperature (0065-0273 K)*
RT Cryogenics
RT Cryoscopy
RT Freezing Out
RT Temperature Dependence

Lowell Technical Institute Reactor
USE LTIR Reactor

LP-gas
DA August 1977

USE Liquefied Petroleum Gases

LPCI
DA January 1975
UF *Low Pressure Coolant Injection*
BT1 ECCS
BT2 Engineered Safety Systems
BT2 Reactor Protection Systems
RT Reactor Safety

LPR REACTOR [01]
UF *Babcock And Wilcox LPR Reactor*
UF *Lynchburg Pool Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

LPTF REACTOR [01]
UF *Low Power Test Facility-NRTS*
UF *NRTS-LPTF Reactor*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

LPTR REACTOR [01]
UF *Livermore Pool Type Reactor*
UF *US AEC LPTR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LSZ THEORY [01]
UF *Lehmann-Symanzik-Zimmermann Method*
BT1 Axiomatic Field Theory
BT2 Quantum Field Theory
BT3 Field Theories

LT-3 TOKAMAK [01]
DA June 1975
UF *Canberra Tokamak*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

LTE [01]
UF *Local Thermodynamic Equilibrium*
BT1 Equilibrium
RT Thermodynamics

LTH [01]
UF *Luteotropic Hormone*
UF *Prolactin*
BT1 Gonadotropins
BT2 Pituitary Hormones
BT3 Peptide Hormones
BT4 Hormones
RT Mammary Glands
RT Progesterone

LTIR REACTOR [01]
UF *Lowell Technical Institute Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

LUBRICANTS [01]
UF *Mineral Oil*
NT1 Gas Lubricants
NT1 Greases
NT1 Lubricating Oils
NT1 Solid Lubricants
RT Lubrication
RT Tribology

LUBRICATING OILS [01]
BT1 Lubricants
BT1 Petroleum Products
RT Waste Oils

LUBRICATION [01]
RT Bearings
RT Greases
RT Hydrostatic Bearings
RT Lubricants

LUCAS PROCESS
DA April 1977
RT Desulfurization
RT Waste Processing
DEF Low-sulfur flue gas from Claus plants is incinerated with low surplus of air, passed through a coke filter to remove SO_3, and O_2, and H_2S, and stripped of SO_2 by absorption in aqueous alkali phosphate solution. The sulfur is recovered.

Luccu Oil
USE Olive Oil

LUCENS REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 HWGCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Pressure Tube Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

LUCIE-1 REACTOR [01]
UF *Hutchinson Island-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

LUCIE-2 REACTOR [01]
UF *Hutchinson Island-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

LUCIFERASE [01]
BT1 Oxidases
BT2 Oxidoreductases
BT3 Enzymes

LUCIFERIN [01]
BT1 Albumins
BT2 Proteins
BT3 Organic Compounds

LUCITE [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyacrylates
BT2 Esters
BT3 Organic Compounds
BT2 Polyvinyls
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

LUGOL [01]
UF *Lugol Solution*
RT Glycerol
RT Iodine
RT Potassium Iodides

Lugol Solution
USE Lugol

Lumber Industry
DA January 1979
USE Wood Products Industry

Luminal
USE Phenobarbital

LUMINESCENCE [01]
NT1 Cathodoluminescence
NT1 Chemiluminescence
NT1 Electroluminescence
NT1 Fluorescence
NT1 Lyoluminescence
NT1 Phosphorescence
NT1 Photoluminescence
NT1 Radioluminescence
NT1 Thermoluminescence
RT Glow Curve
RT Noctilucent Clouds
RT Traps

LUMINESCENT CHAMBERS [01]
RT Phosphors
RT Scintillation Counters

LUMINESCENT DOSEMETERS [01]
BT1 Dosemeters
BT2 Measuring Instruments
NT1 RPL Dosemeters
NT1 Thermoluminescent Dosemeters
RT Dielectric Track Detectors
RT Glass Scintillators
RT Phosphors

LUMINOSITY [01]
BT1 Optical Properties
BT2 Physical Properties
RT Brightness
RT Visibility

LUMINOUS PAINTS [01]
BT1 Paints
BT2 Coatings
RT Dial Painters

LUNA SPACE PROBES [01]
DA March 1979
BT1 Space Vehicles

LUNAR ATMOSPHERE [01]
BT1 Planetary Atmospheres
BT2 Atmospheres
RT Lunar Materials

LUNAR MATERIALS [01]
RT Anorthosites
RT Apollo Project
RT Dusts
RT Lunar Atmosphere
RT Moon
RT Rocks

Lunar Occultation
USE Eclipse

Lund Synchrotron
USE LUSY

Lung Cells
DA April 1978
USE Respiratory Tract Cells

LUNG CLEARANCE [01]
BT1 Excretion
BT2 Clearance
RT Exhalation
RT Lungs
RT Respiratory System

LUNGS [01]
UF *Alveoli (Pulmonary)*
UF+ *Pulmonary Lavage*
BT1 Organs
BT2 Body
BT1 Respiratory System
RT Blood Circulation
RT Bronchi
RT Chest
RT Emphysema
RT Lavage
RT Lung Clearance
RT Lymphatic System
RT Pleura
RT Pneumoconioses
RT Pneumonia
RT Pneumonitis
RT Respiration

LUPUS [01]
BT1 Skin Diseases
BT2 Diseases
BT1 Tuberculosis
BT2 Infectious Diseases
BT3 Diseases
RT Skin

LURGI PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Lurgi Slagging Process
RT SNG Processes
DEF A process in which noncaking coal is converted into intermediate- or high-Btu gas at 1150 to 1400°F and 350 to 450 psi in a moving bed gasifier. Substitution of air for oxygen will produce low-Btu gas.

LURGI-RUHRGAS PROCESS
DA April 1975
RT Oil Shales
RT Retorting
DEF An indirect-heat process for retorting finely crushed shale. Heat-carrier solids (sand grains, coke particles, or spent shale solids) are mixed with shale in a screw-type conveyor where retorting takes place.

LURGI SLAGGING PROCESS
DA March 1979
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Lurgi Process

LUSY [01]
UF *Lund Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Luteinizing Hormone
USE LH

Luteotropic Hormone
USE LTH

LUTETIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

LUTETIUM 155 [01]
DA September 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 156 [01]
DA September 1976
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 157 [01]
DA July 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 161 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 162 [01]
DA April 1976
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 164 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 165 [01]
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 166 [01]
DA May 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 167 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 168 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 169 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 170 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 171 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LUTETIUM 172 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 173 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LUTETIUM 174 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 175 [01]
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

LUTETIUM 176 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

LUTETIUM 177 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 178 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 179 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM 180 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Lutetium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

LUTETIUM ADDITIONS [01]
BT1 Lutetium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

LUTETIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Lutetium Additions
NT1 Lutetium Base Alloys

LUTETIUM BASE ALLOYS [01]
BT1 Lutetium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

LUTETIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

LUTETIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Lutetium Borides
NT1 Lutetium Bromides
NT1 Lutetium Carbides
NT1 Lutetium Chlorides
NT1 Lutetium Fluorides
NT1 Lutetium Hydrides

NT1 Lutetium Hydroxides
NT1 Lutetium Iodides
NT1 Lutetium Nitrates
NT1 Lutetium Oxides
NT1 Lutetium Perchlorates
NT1 Lutetium Phosphates
NT1 Lutetium Selenides
NT1 Lutetium Silicates
NT1 Lutetium Silicides
NT1 Lutetium Sulfates
NT1 Lutetium Sulfides

LUTETIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM IODIDES [01]
DA January 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Lutetium Compounds
BT2 Rare Earth Compounds

LUTETIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

LUTETIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Lutetium 155
NT1 Lutetium 156
NT1 Lutetium 161
NT1 Lutetium 162
NT1 Lutetium 164
NT1 Lutetium 165
NT1 Lutetium 166
NT1 Lutetium 167
NT1 Lutetium 168
NT1 Lutetium 169
NT1 Lutetium 170
NT1 Lutetium 171
NT1 Lutetium 172
NT1 Lutetium 173
NT1 Lutetium 174
NT1 Lutetium 175
NT1 Lutetium 176
NT1 Lutetium 177
NT1 Lutetium 178
NT1 Lutetium 179
NT1 Lutetium 180

LUTETIUM NITRATES [01]
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

LUTETIUM OXIDES [01]
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

LUTETIUM PERCHLORATES [01]
DA January 1975
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

LUTETIUM PHOSPHATES [01]
DA December 1975
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

LUTETIUM SELENIDES
DA November 1975
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

LUTETIUM SILICATES [01]
DA April 1977
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

LUTETIUM SILICIDES [01]
DA September 1978
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

LUTETIUM SULFATES [01]
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

LUTETIUM SULFIDES [01]
BT1 Lutetium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

LUTETIUM 174 TARGET [01]
DA July 1976
BT1 Targets

LUTETIUM 175 TARGET [01]
DA July 1976
BT1 Targets

LUTETIUM 176 TARGET [01]
DA July 1976
BT1 Targets

LUXEMBOURG [01]
BT1 Europe

LUXEMBURG EFFECT [01]
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

LWBR TYPE REACTORS [01]
BT1 Breeder Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

LWGR TYPE REACTORS [01]
UF *Water Cooled Graphite Moderated Reactors*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
NT1 APS Reactor
NT1 Beloyarsk-1 Reactor
NT1 Beloyarsk-2 Reactor
NT1 Bilibin Reactor
NT1 Kursk-1 Reactor
NT1 Kursk-2 Reactor
NT1 Leningrad-1 Reactor
NT1 Leningrad-2 Reactor
NT1 N-Reactor
NT1 RPT Reactor
NT1 Troitsk Reactor
NT1 UWTR Reactor
RT Power Reactors

LWOR TYPE REACTORS [01]
UF *Water Moderated Organic Cooled Reactors*
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
RT Power Reactors

LYAPUNOV METHOD [01]
DA November 1976
UF *Liapunov Method*

LYASES [01]
BT1 Enzymes
NT1 Aldolases
NT1 Carbonic Anhydrase
NT1 Carboxylase
NT1 Decarboxylase
NT1 Hyaluronidase

Lyman Alpha Emission
USE Lyman Lines

Lyman Alpha Radiation
USE Lyman Lines

Lyman Continuum
USE Lyman Lines

LYMAN LINES [01]
(Includes all aspects of the transitions associated with Lyman lines.)
UF *Lyman Alpha Emission*
UF *Lyman Alpha Radiation*
UF *Lyman Continuum*
UF *Lyman Series*
RT Hydrogen
RT Spectra

Lyman Series
USE Lyman Lines

LYMANTRIA DISPAR [01]
UF *Gypsy Moth*
BT1 Moths
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals

LYMPH [01]
BT1 Body Fluids
BT2 Biological Materials
RT Lymphatic System

LYMPH NODES [01]
BT1 Lymphatic System
RT Lymph Vessels
RT Reticuloendothelial System

LYMPH VESSELS [01]
UF *Thoracic Duct*
BT1 Lymphatic System
RT Angiomas
RT Lymph Nodes
RT Veins

LYMPHATIC SYSTEM [01]
UF+ *Appendix (Vermiform)*
UF+ *Bursa of Fabricius*
UF+ *Tonsils*
NT1 Lymph Nodes
NT1 Lymph Vessels
NT1 Thymus
RT Cardiovascular System
RT Leukemia
RT Lungs
RT Lymph

RT Lymphocytes
RT Lymphomas
RT Organs
RT Radiation Syndrome
RT Reticuloendothelial System
RT Spleen
RT Splenectomy

Lymphoblastomas
USE Lymphomas

LYMPHOCYTES [01]
UF *Lymphoid Cells*
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
BT1 Leukocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials
RT Immunity
RT Lymphatic System
RT Lymphomas
RT Lymphopenia
RT Phytohemagglutinin
RT Plasma Cells
RT Radiation Syndrome
RT Thymus

Lymphogranuloma Malignum
USE Hodgkins Disease

Lymphogranulomas
USE Lymphomas

Lymphogranulomatosis
USE Hodgkins Disease

Lymphoid Cells
USE Lymphocytes

LYMPHOMAS [01]
UF *Lymphoblastomas*
UF *Lymphogranulomas*
BT1 Neoplasms
BT2 Diseases
NT1 Hodgkins Disease
NT1 Lymphosarcomas
RT Lymphatic System
RT Lymphocytes

LYMPHOPENIA [01]
BT1 Leukopenia
BT2 Hemic Diseases
BT3 Diseases
BT2 Pathological Changes
BT3 Diseases
BT2 Symptoms
RT Lymphocytes

Lymphopoiesis
USE Leukopoiesis

LYMPHOSARCOMAS [01]
BT1 Lymphomas
BT2 Neoplasms
BT3 Diseases
BT1 Sarcomas
BT2 Neoplasms
BT3 Diseases

Lynchburg Pool Reactor
USE LPR Reactor

LYNDOCHITE [01]
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

LYNITE [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Zinc Alloys
BT2 Alloys

LYOLUMINESCENCE [01]
DA October 1977
BT1 Chemical Radiation Effects
BT2 Radiation Chemistry
BT3 Chemistry
BT2 Radiation Effects
BT1 Luminescence
RT Dosimetry

LYOPHILIZATION [01]
RT Drying
RT Freezing

LYSERGIC ACID [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

LYSINE [01]
UF *Diaminocaproic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

LYSIS
DA November 1975
NT1 Electrolysis
NT2 Anodization
NT2 Electrodeposition
NT3 Electroplating
NT2 Electropolishing
NT2 Electrorefining
NT2 Photoelectrolysis
NT1 Hemolysis
NT1 Hydrolysis
NT2 Acid Hydrolysis
NT2 Enzymatic Hydrolysis
NT2 Saponification

LYSOSOMES [01]
BT1 Organoids
BT2 Cell Constituents

LYSOZYME [01]
BT1 Glycosyl Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Mucoproteins
RT Polysaccharides

M CAPTURE
DA August 1979
BT1 Electron Capture Decay
BT2 Beta Decay
BT3 Decay

M CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

M CODES [01]
BT1 Computer Codes

M CONVERSION [01]
UF *M-Conversion Coefficient*
BT1 Internal Conversion
BT2 Conversion
BT2 Decay

M-Conversion Coefficient
USE M Conversion

M-GAS PROCESS
DA February 1979
RT High BTU Gas
RT Synthetic Fuels
DEF Two vessel system to convert hydrocarbons to fuel gas in which steam gasification of feedstock occurs in one fluidized bed and regeneration of catalyst with combustion of coke and fuel in a separate fluidized bed.

M-S Configuration
USE Mayer-Schmidt Configurations

M SHELL [01]
DA August 1976
UF *Atomic Shells (M)*
BT1 Electronic Structure

M1-TRANSITIONS [01]
(Magnetic dipole transitions.)
DA April 1978
UF *Magnetic Dipole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

M2-TRANSITIONS [01]
(Magnetic quadrupole transitions.)
DA May 1978
UF *Magnetic Quadrupole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

M3-TRANSITIONS [01]
(Magnetic octupole transitions.)
DA April 1978
UF *Magnetic Octupole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

M4-TRANSITIONS [01]
(Magnetic hexadecapole transitions.)
DA May 1978
UF *Magnetic Hexadecapole Transitions*
BT1 Multipole Transitions
BT2 Energy-Level Transitions

MA 754
DA August 1979
USE Nickel Base Alloys

MA 956
DA August 1979
USE Iron Base Alloys

Mac
USE Maximum Acceptable Contamination

Macaca
USE Macacus

MACACUS [01]
UF *Macaca*
UF *Rhesus Monkeys*
BT1 Monkeys
BT2 Primates
BT3 Mammals
BT4 Vertebrates
BT5 Animals

MACAO [01]
BT1 Asia

MACERALS
DA June 1977
RT Coal
RT Lithotypes
RT Petrology

DEF Petrologic units seen in microscopic sections of coal; the organic units comprising the coal mass including vitrinites, exinites, and inertinites.

MACH NUMBER [01]
BT1 Velocity
RT Aerodynamics
RT Flow Rate
RT Shock Waves

MACH PRINCIPLE [01]
BT1 Hypothesis
RT Cosmology
RT General Relativity Theory
RT Space-Time

MACH-ZEHNDER INTERFEROMETER [01]
BT1 Interferometers
BT2 Measuring Instruments

MACHINE PARTS [01]
NT1 Brakes
NT2 Water Brakes
NT1 Mechanical Transmissions
NT1 Shafts
NT1 Springs
RT Castings
RT Rotors

MACHINE TOOLS [01]
NT1 Grinding Machines
NT1 Lathes
NT1 Milling Machines
RT Machining
RT Presses
RT Tools

MACHINE TRANSLATIONS
DA December 1976
RT Computers
RT Dictionaries
RT Standardized Terminology

MACHINING [01]
NT1 Chemical Machining
NT2 Electrochemical Machining
NT1 Cutting
NT1 Electron Beam Machining
NT1 Grinding
NT1 Honing
NT1 Laser Beam Machining
NT1 Materials Drilling
NT2 Laser Drilling
NT1 Milling
NT1 Spark Machining
NT1 Ultrasonic Machining
RT Lathes
RT Machine Tools
RT Materials Working
RT Surface Finishing
RT Tools

MACKINTOSHITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

MACROPHAGES [01]
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
BT1 Phagocytes
BT2 Somatic Cells
BT3 Animal Cells
RT Phagocytosis
RT Reticuloendothelial System
RT Spleen

MADAGASCAR [01]
BT1 Africa

MADARAS ROTORS
DA October 1978
BT1 Rotors
RT Vertical Axis Turbines

MAGELLANIC CLOUDS [01]
BT1 Galaxies

MAGIC NUCLEI [01]
UF *Magic Numbers*
BT1 Nuclei
RT Nuclear Structure
RT Stable Isotopes

Magic Numbers
USE Magic Nuclei

MAGMA
DA February 1975
BT1 Igneous Rocks
BT2 Rocks
RT Intrusion
RT Lava
RT Magmatism
RT Volcanism
DEF Naturally occurring mobile rock material, generated within the Earth and capable of intrusion and extrusion, from which igneous rocks are thought to have been derived by solidification and related processes.

MAGMA SYSTEMS
DA April 1975
BT1 Geothermal Systems

Magmamax Process
DA November 1977
USE Binary-Fluid Systems

MAGMATIC WATER
DA April 1975
BT1 Ground Water
BT2 Water
BT3 Hydrogen Compounds
BT3 Oxygen Compounds
DEF Water that exists in, or which is derived from, molten igneous rocks or magma.

MAGMATISM
DA July 1978
RT Magma
DEF The development, movement, and solidifaction to igneous rocks of magma.

MAGNALIUM [01]
BT1 Aluminium Base Alloys
BT2 Aluminium Alloys
BT3 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Magnesium Alloys
BT2 Alloys

MAGNESIUM [01]
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements

MAGNESIUM 20 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM 21 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM 22 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MAGNESIUM 23 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MAGNESIUM 24 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Magnesium 24 Beams
RT Magnesium 24 Reactions

MAGNESIUM 25 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MAGNESIUM 26 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MAGNESIUM 27 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei

BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MAGNESIUM 28 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
RT Radioisotope Generators

MAGNESIUM 29 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM 30 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM 31 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM 32 [01]
DA August 1977
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Magnesium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

MAGNESIUM ADDITIONS [01]
BT1 Magnesium Alloys
BT2 Alloys
NT1 Bondur
NT1 Zamak

MAGNESIUM ALLOY-AZ31B [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Zinc Alloys
BT2 Alloys

MAGNESIUM ALLOY-EK [01]
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
BT1 Rare Earth Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

MAGNESIUM ALLOY-EZ [01]
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
BT1 Rare Earth Alloys
BT2 Alloys
BT1 Zinc Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

MAGNESIUM ALLOY-HK31A [01]
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
BT1 Thorium Alloys
BT2 Actinide Alloys
BT3 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

MAGNESIUM ALLOY-ZR [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
BT1 Zinc Alloys
BT2 Alloys

MAGNESIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-1915
NT1 Alloy-214X
NT1 Duralumin
NT1 Duranalium
NT1 Magnalium
NT1 Magnesium Additions
NT2 Bondur
NT2 Zamak
NT1 Magnesium Base Alloys
NT2 Magnesium Alloy-AZ31B
NT2 Magnesium Alloy-EK
NT2 Magnesium Alloy-EZ
NT2 Magnesium Alloy-HK31A
NT2 Magnesium Alloy-ZR
NT2 Magnox

MAGNESIUM ARSENIDES
DA November 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM BASE ALLOYS [01]
BT1 Magnesium Alloys
BT2 Alloys
NT1 Magnesium Alloy-AZ31B
NT1 Magnesium Alloy-EK
NT1 Magnesium Alloy-EZ
NT1 Magnesium Alloy-HK31A
NT1 Magnesium Alloy-ZR
NT1 Magnox

MAGNESIUM 24 BEAMS [01]
DA March 1976
BT1 Ion Beams
BT2 Beams
RT Magnesium 24

MAGNESIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
NT1 Ankerite
NT1 Bayleyite
NT1 Dolomite
NT1 Ferroan

MAGNESIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
NT1 Carnallite

MAGNESIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

MAGNESIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Grignard Reagents
NT1 Magnesium Arsenides
NT1 Magnesium Borides
NT1 Magnesium Bromides
NT1 Magnesium Carbides
NT1 Magnesium Carbonates
NT2 Ankerite
NT2 Bayleyite
NT2 Dolomite
NT2 Ferroan
NT1 Magnesium Chlorides
NT2 Carnallite
NT1 Magnesium Fluorides
NT1 Magnesium Hydrides
NT1 Magnesium Hydroxides
NT1 Magnesium Iodides
NT1 Magnesium Nitrates
NT1 Magnesium Nitrides
NT1 Magnesium Oxides
NT2 Novacekite
NT2 Spinels
NT1 Magnesium Perchlorates
NT1 Magnesium Phosphates
NT2 Saleeite
NT1 Magnesium Silicates
NT2 Enstatite
NT2 Olivines
NT2 Sklodowskite
NT2 Talc
NT2 Vermiculite
NT1 Magnesium Silicides
NT1 Magnesium Sulfates
NT1 Magnesium Sulfides
NT1 Magnesium Tellurides

MAGNESIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM HYDROXIDES [01]
BT1 Hydroxides

BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds

MAGNESIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

MAGNESIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Magnesium 20
NT1 Magnesium 21
NT1 Magnesium 22
NT1 Magnesium 23
NT1 Magnesium 24
NT1 Magnesium 25
NT1 Magnesium 26
NT1 Magnesium 27
NT1 Magnesium 28
NT1 Magnesium 29
NT1 Magnesium 30
NT1 Magnesium 31
NT1 Magnesium 32

MAGNESIUM NITRATES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

MAGNESIUM NITRIDES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

MAGNESIUM OXIDES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Novacekite
NT1 Spinels

MAGNESIUM PERCHLORATES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

MAGNESIUM PHOSPHATES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
NT1 Saleeite

MAGNESIUM 24 REACTIONS [01]
DA April 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Magnesium 24

MAGNESIUM SILICATES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Enstatite
NT1 Olivines
NT1 Sklodowskite
NT1 Talc
NT1 Vermiculite
RT Serpentine

MAGNESIUM SILICIDES [01]
DA October 1975
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

MAGNESIUM SLURRY SCRUBBING PROCESS
DA April 1977
RT Desulfurization
RT Scrubbing
RT Waste Processing
DEF Process uses magnesium oxide to absorb sulfur dioxide in a wet scrubber. Aqueous slurry of magnesium sulfite formed in the scrubber is dried and calcined to regenerate magnesium oxide and produce an SO_2-rich gas stream for recovery of sulfuric acid or elemental sulfur.

MAGNESIUM SULFATES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

MAGNESIUM SULFIDES [01]
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

MAGNESIUM 23 TARGET [01]
DA July 1976
BT1 Targets

MAGNESIUM 24 TARGET [01]
DA July 1976
BT1 Targets

MAGNESIUM 25 TARGET [01]
DA July 1976
BT1 Targets

MAGNESIUM 26 TARGET [01]
DA July 1976
BT1 Targets

MAGNESIUM 27 TARGET [01]
DA May 1979
BT1 Targets

MAGNESIUM TELLURIDES
DA September 1975
BT1 Magnesium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

MAGNET COILS [01]
UF *Coils (Magnetic)*
UF *Magnetic Coils*
BT1 Electric Coils
BT2 Electrical Equipment
BT3 Equipment
NT1 Pulsed Magnet Coils
RT Magnets
RT Septum Magnets
RT Solenoids
RT Superconducting Coils
RT Superconducting Magnets

MAGNET CORES [01]
UF *Cores (Magnet)*
RT Magnet Pole Pieces
RT Magnets

MAGNET POLE PIECES [01]
RT Magnet Cores
RT Magnets

MAGNET STEEL-KS [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

MAGNETIC AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

MAGNETIC ANALYZERS [01]
BT1 Beam Analyzers
RT Beam Bending Magnets
RT Electromagnetic Lenses
RT Electrostatic Septa
RT Septum Magnets

MAGNETIC BALANCES [01]
UF *Balances (Magnetic)*
BT1 Measuring Instruments
RT Magnetic Susceptibility

MAGNETIC BAYS [01]
UF *Auroral Substorms*
UF *Polar Substorms*

MAGNETIC BEARINGS [01]
BT1 Bearings

Magnetic Bremsstrahlung
USE Synchrotron Radiation

MAGNETIC CIRCUITS [01]
UF *Circuits (Magnetic)*
RT Electric Coils

Magnetic Coils
USE Magnet Coils

MAGNETIC COMPRESSION [01]
BT1 Compression
RT Magnetic Fields
RT Pinch Effect

Magnetic Cooling
DA February 1976
USE Adiabatic Demagnetization

MAGNETIC CORES [01]
(For the storage of information in machine-readable form only.)
UF *Cores (Magnetic)*
BT1 Magnetic Storage Devices
BT2 Memory Devices
RT Computers

MAGNETIC DIPOLE MOMENTS [01]
BT1 Dipole Moments
BT1 Magnetic Moments
RT Nuclear Magnetic Moments

Magnetic Dipole Transitions
DA April 1978
USE M1-Transitions

MAGNETIC DIPOLES [01]
BT1 Dipoles
BT2 Multipoles
RT Magnetic Fields

MAGNETIC DISKS [01]
UF *Disks (Magnetic)*
BT1 Magnetic Storage Devices
BT2 Memory Devices

MAGNETIC DRUMS [01]
BT1 Magnetic Storage Devices
BT2 Memory Devices

MAGNETIC ENERGY STORAGE
DA January 1977
BT1 Energy Storage
BT2 Storage
RT Magnetic Energy Storage Equipment

RT Superconducting Magnets

MAGNETIC ENERGY STORAGE EQUIPMENT
DA September 1977
BT1 Equipment
RT Magnetic Energy Storage
RT Magnets
RT Peaking Power Plants
RT Superconducting Coils
RT Superconducting Magnets

MAGNETIC FIELD CONFIGURATIONS [01]
(For pinch configurations, use the narrower terms of PINCH EFFECT.)
NT1 Closed Configurations
NT2 Mayer-Schmidt Configurations
NT2 Minimum Average-B Configurations
NT2 Multipolar Configurations
NT3 Hexapolar Configurations
NT3 Octupolar Configurations
NT3 Quadrupolar Configurations
NT1 Magnetic Field Ripples
NT1 Magnetic Islands
NT1 Magnetic Surfaces
NT1 Open Configurations
NT2 Baseball Seam Configurations
NT2 Cusped Geometries
NT2 Magnetic Mirror Configurations
NT3 TLM Configurations
NT2 Minimum-B Configurations
RT Confinement
RT Helical Configuration
RT Magnetic Fields
RT Pinch Effect
RT Plasma
RT Thermonuclear Devices

MAGNETIC FIELD REVERSAL
DA February 1978
BT1 Magnetic Fields

MAGNETIC FIELD RIPPLES
DA April 1978
BT1 Magnetic Field Configurations

MAGNETIC FIELDS [01]
UF *Fields (Magnetic)*
NT1 Critical Field
NT1 Force-Free Magnetic Fields
NT1 Geomagnetic Field
NT1 Interplanetary Magnetic Fields
NT1 Interstellar Magnetic Fields
NT1 Magnetic Field Reversal
RT Beta Ratio
RT Biot-Savart Law
RT Crossed Fields
RT Demagnetization
RT Electromagnetic Fields
RT End Effects
RT Faraday Method
RT Galvanomagnetic Effect
RT Guiding-Center Approximation
RT Inhomogeneous Fields
RT Langevin Equation
RT Larmor Radius
RT Levitation
RT Lorentz Force
RT Magnetic Compression
RT Magnetic Dipoles
RT Magnetic Field Configurations
RT Magnetic Flux
RT Magnetic Mirror Configurations
RT Magnetic Mirrors
RT Magnetic Properties
RT Magnetic Rigidity
RT Magnetism
RT Magnetization
RT Magneto-Thermal Effects
RT Mirror Ratio
RT Righi-Leduc Effect
RT Rotational Transform
RT Shear
RT Shubnikov-De Haas Effect
RT Stoermer Theory
RT Trapping
RT Zeeman Effect

MAGNETIC FLUX [01]
UF *Flux (Magnetic)*
UF *Flux Jumps*
UF *Flux Pinning*
UF *Fluxoids*
UF *Magnetic Vortices*
UF *Pinning Force*
UF *Vortices (Magnetic)*
RT Flux Density
RT Flux Quantization
RT Foucault Current
RT Magnetic Fields
RT Skin Effect
RT Superconductivity

MAGNETIC FORCE WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Magnetic Forming

MAGNETIC FORMING [01]
BT1 Materials Working
BT2 Fabrication
RT Magnetic Force Welding

Magnetic Hexadecapole Transitions
DA April 1978
USE M4-Transitions

Magnetic Induction Logging
DA June 1976
USE Induction Logging

MAGNETIC INSULATION [01]
(Insulation of electric fields by means of magnetic fields; not for insulation of the magnetic fields themselves.)
RT Confinement
RT Thermionic Diodes

MAGNETIC ISLANDS
DA April 1978
BT1 Magnetic Field Configurations

MAGNETIC LENS SPECTROMETERS [01]
UF *Intermediate Image Spectrometer*
UF *Long-Lens Spectrometers*
UF *Short-Lens Spectrometers*
UF *Slatis-Siegbahn Spectrometers*
BT1 Magnetic Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

Magnetic Levitated Trains
DA November 1975
USE Levitated Trains

MAGNETIC MATERIALS [01]
NT1 Antiferromagnetic Materials
NT1 Ferrimagnetic Materials
NT2 Ferrites
NT1 Ferromagnetic Materials
RT Magnetism

MAGNETIC MIRROR CONFIGURATIONS [01]
BT1 Open Configurations
BT2 Magnetic Field Configurations
NT1 TLM Configurations
RT Magnetic Fields
RT Magnetic Mirrors
RT Mirror Ratio

MAGNETIC MIRROR TYPE REACTORS
DA September 1976
BT1 Thermonuclear Reactors
NT1 Field-Reversed Mirror Reactors
NT1 TMR Reactors
RT Magnetic Mirrors
RT TMX Devices

MAGNETIC MIRRORS [01]
(Including systems with minimum-B configuration.)
UF *Mirrors (Magnetic)*
BT1 Open Plasma Devices
BT2 Thermonuclear Devices
NT1 ALICE
NT1 ASPA Device
NT1 Beta II Devices
NT1 BSG Devices
NT1 Burnout Devices
NT1 CIRCE Devices
NT2 CIRCE-25Kw Device
NT1 DCX Devices
NT1 DECA Devices
NT1 Elmax Devices
NT1 Elmo Devices
NT2 Elmo Bumpy Torus
NT1 IMP Device
NT1 Interem Device
NT1 IXION
NT1 MFTF Devices
NT1 MFX Device
NT1 MTSE Devices
NT1 OGRA
NT1 Phoenix Devices
NT1 Pleiade Device
NT1 PR Devices
NT2 PR-6 Device
NT2 PR-7 Device
NT2 PR-8 Device
NT1 TMX Devices
NT1 VGL Devices
NT1 2X Devices
RT Magnetic Fields
RT Magnetic Mirror Configurations
RT Magnetic Mirror Type Reactors
RT Mirror Ratio
RT Q Devices

MAGNETIC MOMENTS [01]
NT1 Magnetic Dipole Moments
NT1 Nuclear Magnetic Moments
RT Fermi-Segre Formula
RT Gyromagnetic Ratio
RT Magnetism
RT Magnetization
RT Quadrupole Moments

MAGNETIC MONOPOLES [01]
UF *Dirac Monopoles*
BT1 Monopoles
BT1 Postulated Particles
BT2 Elementary Particles

Magnetic Octupole Transitions
DA April 1978
USE M3-Transitions

Magnetic Permeability
USE Magnetic Susceptibility

MAGNETIC PROBES [01]
BT1 Probes
RT Magnetometers

MAGNETIC PROPERTIES [01]
BT1 Physical Properties
NT1 Magnetic Susceptibility
NT1 Magnetostriction
RT Coercive Force
RT Domain Structure
RT Electrical Properties
RT Electromagnets
RT Magnetic Fields
RT Magnetism
RT Magnetization
RT Magneto-Optical Effects
RT Permanent Magnets

MAGNETIC-PUMPING HEATING [01]
BT1 High-Frequency Heating
BT2 Plasma Heating
BT3 Heating
NT1 Acoustic Heating
NT1 Collisional Heating
NT1 Transit-Time Magnetic Pumping
DEF Plasma heating by a series of periodic compressions and expansions in a limited region of the confinement volume by means of an rf modulation of the confining field.

Magnetic Quadrupole Transitions
DA April 1978

USE M2-Transitions

MAGNETIC REFRIGERATORS [01]
DA June 1978
BT1 Refrigerators
BT2 Electric Appliances
BT3 Appliances
BT2 Refrigerating Machinery
RT Cryogenics
RT Cryostats

MAGNETIC RESONANCE [01]
BT1 Resonance
NT1 ELDOR
NT1 Electron Spin Resonance
NT2 Acoustic ESR
NT1 ENDOR
NT1 Ferrimagnetic Resonance
NT1 Ferromagnetic Resonance
NT1 Nuclear Magnetic Resonance
NT2 Acoustic NMR
RT Bloch Equations

MAGNETIC REYNOLDS NUMBER [01]
BT1 Reynolds Number
RT Magnetohydrodynamics

MAGNETIC RIGIDITY [01]
RT Magnetic Fields
RT Stratosphere

MAGNETIC SEMICONDUCTORS [01]
DA March 1976
BT1 Semiconductor Materials

MAGNETIC SEPARATORS
DA December 1977
BT1 Concentrators
RT Separation Processes
DEF A machine for separating magnetic from less magnetic or nonmagnetic materials by using strong magnetic fields.

MAGNETIC SHIELDING
DA June 1975
BT1 Shielding
RT Superconductors

MAGNETIC SPECIFIC HEAT
DA July 1979
BT1 Specific Heat
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Electronic Specific Heat
DEF Magnetic contribution to specific heat.

MAGNETIC SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
NT1 Flat Magnetic Spectrometers
NT1 Magnetic Lens Spectrometers

MAGNETIC STARS [01]
UF *Peculiar A-Stars*
BT1 Stars
RT Stellar Magnetospheres
RT Variable Stars

MAGNETIC STORAGE DEVICES [01]
BT1 Memory Devices
NT1 Magnetic Cores
NT1 Magnetic Disks
NT1 Magnetic Drums
NT1 Magnetic Tapes

MAGNETIC STORMS [01]
UF *Geomagnetic Storms*
RT Disturbances
RT Forbush Decrease
RT Ionospheric Storms
RT Magnetosphere
RT Sudden Commencements

MAGNETIC SURFACES
DA April 1978
BT1 Magnetic Field Configurations

MAGNETIC SURVEYS [01]
DA January 1975
BT1 Geophysical Surveys
RT Aerial Surveying
RT Geothermal Exploration
RT Induction Logging

MAGNETIC SUSCEPTIBILITY [01]
UF *Magnetic Permeability*
UF *Permeability (Magnetic)*
UF *Susceptibility (Magnetic)*
BT1 Magnetic Properties
BT2 Physical Properties
RT Curie Point
RT Curie-Weiss Law
RT Magnetic Balances
RT Neel Temperature

MAGNETIC TAPES [01]
BT1 Magnetic Storage Devices
BT2 Memory Devices

MAGNETIC TESTING [01]
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing

Magnetic Traps (Closed)
USE Closed Configurations

Magnetic Traps (Open)
USE Open Configurations

Magnetic Vortices
USE Magnetic Flux

Magnetic Well
USE Minimum-B Configurations

MAGNETISM [01]
NT1 Antiferromagnetism
NT2 Mictomagnetism
NT1 Diamagnetism
NT2 Plasma Diamagnetism
NT1 Electromagnetism
NT1 Ferrimagnetism
NT1 Ferromagnetism
NT2 Mictomagnetism
NT1 Paleomagnetism
NT1 Paramagnetism
NT1 Superparamagnetism
NT1 Thermomagnetism
RT Adiabatic Demagnetization
RT Demagnetization
RT Magnetic Fields
RT Magnetic Materials
RT Magnetic Moments
RT Magnetic Properties
RT Magnetization
RT Magnets
RT Spin Glass State

MAGNETITE [01]
BT1 Iron Ores
BT2 Ores
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
RT Ferrite
RT Spinels

MAGNETIZATION [01]
DA June 1975
RT Demagnetization
RT Magnetic Fields
RT Magnetic Moments
RT Magnetic Properties
RT Magnetism

MAGNETO-OPTICAL EFFECTS [01]
NT1 Voigt Effect
RT Electro-Optical Effects
RT Faraday Effect
RT Kerr Effect
RT Magnetic Properties
RT Optical Properties
RT Stark Effect
RT Zeeman Effect

MAGNETO-THERMAL EFFECTS [01]
DA December 1975
BT1 Temperature Effects
RT Magnetic Fields

MAGNETOACOUSTIC WAVES [01]
UF *Magnetosonic Waves*
BT1 Hydromagnetic Waves
NT1 Fast Magnetoacoustic Waves
RT Magnetoacoustics

MAGNETOACOUSTICS [01]
BT1 Acoustics
RT Hydromagnetic Waves
RT Magnetoacoustic Waves
RT Sound Waves

MAGNETOGASDYNAMICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
RT Gas Flow
RT Magnetohydrodynamics

Magnetohydrodynamic Channels
USE MHD Channels

Magnetohydrodynamic Generators
USE MHD Generators

Magnetohydrodynamic Waves
USE Hydromagnetic Waves

MAGNETOHYDRODYNAMICS [01]
BT1 Hydrodynamics
BT2 Fluid Mechanics
BT3 Mechanics
RT Direct Energy Conversion
RT Fluid Flow
RT Hartmann Number
RT Magnetic Reynolds Number
RT Magnetogasdynamics
RT MHD Generators
RT MHD Power Plants
RT Plasma

MAGNETOINDUCTION SENSORS [01]
BT1 Beam Monitors
BT2 Measuring Instruments
RT Beam Monitoring

MAGNETOMETERS [01]
BT1 Measuring Instruments
NT1 Fluxgate Magnetometers
NT1 Moving Coil Magnetometers
NT1 Proton Precession Magnetometers
NT1 Vibrating Sample Magnetometers
RT Fluxmeters
RT Magnetic Probes

MAGNETOPAUSE [01]
RT Magnetosheath
RT Magnetosphere

MAGNETOPLASMA COMPRESSORS [01]
DA April 1975
BT1 Compressors

MAGNETORESISTANCE [01]
BT1 Electric Conductivity
BT2 Electrical Properties
BT3 Physical Properties
RT Shubnikov-De Haas Effect

MAGNETOSHEATH [01]
RT Geomagnetic Field
RT Magnetopause
RT Magnetosphere
RT Solar Wind

Magnetosonic Waves
USE Magnetoacoustic Waves

MAGNETOSPHERE [01]
BT1 Earth Atmosphere
RT Geomagnetic Field
RT International Magnetospheric Study
RT Loss Cone
RT Magnetic Storms
RT Magnetopause
RT Magnetosheath
RT Magnetotail
RT Plasma Sheet

RT Plasmapause
RT Plasmasphere
RT Polar Cusp
RT Radiation Belts

MAGNETOSTRICTION [01]
UF *Electromagnetostriction*
BT1 Magnetic Properties
BT2 Physical Properties
RT Deformation

MAGNETOTAIL [01]
RT Geomagnetic Field
RT Magnetosphere
RT Plasma Sheet
RT Plasmapause
RT Plasmasphere

MAGNETOTELLURIC SURVEYS [01]
DA April 1976
BT1 Electromagnetic Surveys
BT2 Electrical Surveys
BT3 Geophysical Surveys
DEF The measurement of natural electric and magnetic fields;usually the two horizontal electric field components plus three magnetic field components are recorded; orthogonal pairs yield elements of the tensor impedence of the Earth.

MAGNETRONS [01]
BT1 Microwave Tubes
BT2 Electron Tubes
BT2 Microwave Equipment
BT3 Electronic Equipment
RT Klystrons
RT RF Systems

MAGNETS [01]
NT1 Beam Bending Magnets
NT1 Beam Focusing Magnets
NT1 Electromagnets
NT2 Septum Magnets
NT2 Superconducting Magnets
NT1 Kicker Magnets
NT1 Permanent Magnets
NT1 Wiggler Magnets
RT Demagnetization
RT Electromagnetic Lenses
RT Magnet Coils
RT Magnet Cores
RT Magnet Pole Pieces
RT Magnetic Energy Storage Equipment
RT Magnetism

MAGNONS [01]
BT1 Quasi Particles
RT Spin Waves

MAGNOX [01]
BT1 Magnesium Base Alloys
BT2 Magnesium Alloys
BT3 Alloys
RT Magnox Type Reactors

MAGNOX TYPE REACTORS [01]
DA May 1975
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
NT1 Berkeley Reactor
NT1 Bradwell Reactor
NT1 Calder Hall A-1 Reactor
NT1 Calder Hall A-2 Reactor
NT1 Calder Hall B-3 Reactor
NT1 Calder Hall B-4 Reactor
NT1 Chapelcross-1 Reactor
NT1 Chapelcross-2 Reactor
NT1 Chapelcross-3 Reactor
NT1 Chapelcross-4 Reactor
NT1 Dungeness-A Reactor
NT1 Hinkley Point-A Reactor
NT1 Hunterston-A Reactor
NT1 Latina Reactor
NT1 Oldbury-A Reactor
NT1 Sizewell-A Reactor
NT1 Tokai-Mura Reactor
NT1 Trawsfynydd Reactor
NT1 Wylfa Reactor
RT Carbon Dioxide Cooled Reactors
RT Magnox
RT Power Reactors

Mahogany Trees
USE Trees

MAHOGANY ZONE
DA May 1975
BT1 Colorado
BT2 Rocky Mountain Region
BT3 USA
BT4 North America
BT1 Green River Formation
RT Oil Shales

MAIN SEQUENCE STARS [01]
BT1 Stars
NT1 Carbon Stars
NT1 Sun
NT1 Wolf-Rayet Stars
RT CNO Cycle

MAINE [01]
BT1 North Atlantic Region

MAINE YANKEE REACTOR [01]
UF *Atomic Power Company Main Yankee*
UF *Yankee Maine Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

MAINTENANCE [01]
NT1 Reactor Maintenance
RT Modifications
RT Operation
RT Repair

MAITLANDITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

MAIZE [01]
UF *Corn (Maize)*
UF *Zea Mays*
UF+ *Corn Stover*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

Maize Oil
USE Corn Oil

MAJORANA THEORY [01]
RT Binding Energy

Maki Parameter
USE Ginzburg-Landau Theory

MALARIA [01]
BT1 Hemic Diseases
BT2 Diseases
BT1 Infectious Diseases
BT2 Diseases
RT Mosquitoes
RT Plasmodium

MALATHION [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT1 Insecticides
BT2 Pesticides
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

MALAWI [01]
BT1 Africa

Malaya
USE Malaysia

MALAYSIA [01]
UF *Federation of Malaya*
UF *Malaya*
BT1 Asia

MALE GENITALS [01]
UF *Genitals (Male)*
UF *Seminal Vesicles*
BT1 Organs
BT2 Body
NT1 Prostate
NT1 Testes
RT Fertility
RT Gonads
RT Reproduction
RT Sex
RT Urogenital System Diseases

MALEIC ACID [01]
UF *Maleinic Acid*
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Maleinic Acid
USE Maleic Acid

MALES [01]
NT1 Men
RT Animals
RT Sex
RT Sex Dependence

MALFORMATIONS [01]
UF *Abnormalities (Developmental)*
UF *Hydrocephalus*
UF *Microcephaly*
BT1 Pathological Changes
BT2 Diseases
NT1 Congenital Malformations
NT2 Downs Syndrome

MALI [01]
DA August 1976
BT1 Africa

MALIBU-1 REACTOR [01]
UF *Corral Canyon Nuclear Power Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

MALIC ACID [01]
UF *Hydroxysuccinic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Malnutrition
USE Nutritional Deficiency

MALONIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

MALTOSE [01]
BT1 Disaccharides
BT2 Oligosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

MAMMALS [01]
BT1 Vertebrates
BT2 Animals
NT1 Bats
NT1 Buffalo
NT1 Burros
NT1 Cats
NT1 Cetaceans
NT1 Dogs
NT2 Beagles
NT1 Horses
NT1 Manatees
NT1 Marsupials
NT1 Pikas
NT1 Primates
NT2 Apes
NT2 Man
NT3 Adolescents
NT3 Children
NT4 Infants
NT3 Men
NT3 Women
NT2 Monkeys
NT3 Macacus
NT1 Rabbits
NT1 Rodents
NT2 Chipmunks
NT2 Gerbils
NT2 Guinea Pigs
NT2 Hamsters
NT2 Mice
NT2 Prairie Dogs
NT2 Rats
NT2 Squirrels
NT2 Voles
NT1 Ruminants
NT2 Antelopes
NT2 Cattle
NT3 Calves
NT3 Cows
NT2 Deer
NT2 Goats
NT2 Llamas
NT2 Sheep
NT1 Shrews
NT1 Swine
NT2 Miniature Swine
NT1 Wolves
RT Syngamus

MAMMARY GLANDS [01]
UF *Breasts*
BT1 Glands
BT2 Organs
BT3 Body
RT Chest
RT Lactation
RT LTH
RT Milk

MAN [01]
(All of mankind, of any age or of either sex.)
BT1 Primates
BT2 Mammals
BT3 Vertebrates
BT4 Animals
NT1 Adolescents
NT1 Children
NT2 Infants
NT1 Men
NT1 Women
RT A-Bomb Survivors
RT Adults
RT Ascaridae
RT Human Populations
RT Patients
RT Personnel
RT Reference Man
RT Sociology

MANAGEMENT [01]
UF *Administration*
NT1 Accounting
NT2 AFUDC
NT2 Energy Accounting
NT1 Data Base Management
NT1 Energy Management
NT1 Load Management
NT1 Nuclear Materials Management
NT1 Waste Management
NT2 Radioactive Waste Management
NT2 Waste Disposal
NT3 Ground Disposal
NT3 Ground Release
NT3 Marine Disposal
NT3 Radioactive Waste Disposal
NT3 Sanitary Landfills
NT3 Stack Disposal
NT3 Underground Disposal
NT2 Waste Processing
NT3 Activated Sludge Process
NT3 Aerobic Digestion
NT3 Anaerobic Digestion
NT4 BIOGAS Process
NT3 Bailie Process
NT3 Black Clawson System
NT3 Composting
NT3 Destrugas Process
NT3 Flame Chamber Process
NT3 Fluidized Bed Refuse Gasification
NT3 Landgard Pyrolysis System
NT3 Materials Recovery
NT3 Occidental Flash Pyrolysis Process
NT3 Purox Pyrolysis Process
NT3 Radioactive Waste Processing
NT4 Harvest Process
NT4 Iodox Process
NT3 Slagging Pyrolysis Process
NT2 Waste Storage
NT3 Radioactive Waste Storage
NT2 Waste Transportation
RT Allocations
RT Delphi Method
RT Forecasting
RT Organizational Models
RT Personnel
RT Public Relations
RT Rangelands
RT Regional Cooperation

MANATEES
DA March 1979
BT1 Mammals
BT2 Vertebrates
BT3 Animals

MANAURITE 900
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys

MANAURITE 36X
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys

Manchester Liverpool University Research Reactor
USE URR Reactor

MANCHURIA
DA January 1975
BT1 China
BT2 Asia

MANDELIC ACID [01]
UF *Amygdalic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

MANDELSTAM REPRESENTATION [01]
RT Dispersion Relations
RT Khuri Representation
RT S Channel
RT T Channel
RT U Channel

MANGANATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Manganese Oxides

MANGANESE [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Manganese-Alpha
NT1 Manganese-Beta
NT1 Manganese-Gamma
NT1 Manganese-Sigma

MANGANESE 44 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 46 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 47 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MANGANESE 48 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 49 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MANGANESE 50 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes

BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MANGANESE 51 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MANGANESE 52 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 53 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MANGANESE 54 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 55 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

MANGANESE 56 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 57 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MANGANESE 58 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MANGANESE 59 [01]
DA September 1976
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MANGANESE 60 [01]
DA April 1978
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MANGANESE ADDITIONS [01]
BT1 Manganese Alloys
BT2 Alloys
NT1 Alloy-1915
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-HS-21
NT1 Alloy-HS-31
NT1 Alloy-KH20N80
NT1 Alloy-Khn60b
NT1 Alloy-KH20N80T
NT1 Alloy-KHN78T
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-79nm
NT1 Alloy-N28t3
NT1 Alloy-V-36
NT1 Alloy-Vad23
NT1 Ascoloy
NT1 Bondur
NT1 Discaloy
NT1 Duralumin
NT1 Duranickel
NT1 Duriron
NT1 Kovar
NT1 Magnesium Alloy-AZ31B
NT1 Miduale
NT1 Ni-Hard
NT1 Stainless Steel-Z2cn18-10N
NT1 Stainless Steel-Z3cnd18-13
NT1 Stainless Steel-Z6cnd17-12
NT1 Stainless Steel-Z6cnt18-10
NT1 Stainless Steel-Z8cnt18-10
NT1 Steel-10Cd9-10
NT1 Steel-15Cd9-10
NT1 Steel-28CdV508
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-000Kh25
NT1 Steel-000Kh28
NT1 Steel-2Kh13
NT1 Steel-9Kh18
NT1 Steel-Kh12
NT1 Steel-Kh13
NT1 Steel-20Kh
NT1 Steel-Kh25
NT1 Steel-40Kh
NT1 Steel-Kh5m
NT1 Steel-12Khm
NT1 Steel-Kh12m
NT1 Steel-5Kh2mf
NT1 Steel-12Kh1mf
NT1 Steel-15Kh1m1f
NT1 Steel-20Khmf
NT1 Steel-15Kh1m1fl
NT1 Steel-38Khmyua
NT1 Steel-000Kh20n20
NT1 Steel-12Khn3
NT1 Steel-40Khn
NT1 Steel-12Khn3a
NT1 Steel-1Kh16n4b
NT1 Steel-Kh20n45b
NT1 Steel-12Kh2nch
NT1 Steel Kh16n9m2
NT1 Steel-Kh17n5m3
NT1 Steel-40Khnma
NT1 Steel-1Kh16n15m3b
NT1 Steel-Kh16n15m3b
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh15n20m2t2
NT1 Steel-Kh17n13m3t
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-40Kh2n5sm
NT1 Steel-0Kh22n5t
NT1 Steel-1Kh18n10t
NT1 Steel-37Khn3t
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-2Kh18n8v2
NT1 Steel-18Kh2n4va
NT1 Steel-Khn35vt
NT1 Steel-3Kh15n13yu3
NT1 Steel-9Khs
NT1 Steel-Kh13s2yu2bt
NT1 Steel-1Kh12v2mf
NT1 Steel-22NiMoCr37
NT1 Steel-30N9k4
NT1 Steel-N36khtyu
NT1 Steel-R18
NT1 Steel-Vzh102
NT1 Steel-Z10cdnbv9
NT1 Steel-Z10cdv7

MANGANESE ALLOYS [01]
BT1 Alloys
NT1 Alloy-HD-556
NT1 Alloy-HK-40
NT1 Alloy-HS-25
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-Mo-Re-1
NT1 Alloy-N-155
NT1 Alloy-RA-333
NT1 Alloy-S-816
NT1 Alumel
NT1 HAVAR
NT1 Heusler Alloys
NT1 Inconel 82
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Manganese Additions
NT2 Alloy-1915
NT2 Alloy-EHI 826
NT2 Alloy-Ehi 868
NT2 Alloy-EHI437B
NT2 Alloy-HS-21
NT2 Alloy-HS-31
NT2 Alloy-KH20N80

NT2 Alloy-Khn60b
NT2 Alloy-KH20N80T
NT2 Alloy-KHN78T
NT2 Alloy-Khn77tyu
NT2 Alloy-Khn67vmtyu
NT2 Alloy-M-252
NT2 Alloy-79nm
NT2 Alloy-N28t3
NT2 Alloy-V-36
NT2 Alloy-Vad23
NT2 Ascoloy
NT2 Bondur
NT2 Discaloy
NT2 Duralumin
NT2 Duranickel
NT2 Duriron
NT2 Kovar
NT2 Magnesium Alloy-AZ31B
NT2 Miduale
NT2 Ni-Hard
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Steel-10Cd9-10
NT2 Steel-15Cd9-10
NT2 Steel-28CdV508
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh12
NT2 Steel-Kh13
NT2 Steel-20Kh
NT2 Steel-Kh25
NT2 Steel-40Kh
NT2 Steel-Kh5m
NT2 Steel-12Khm
NT2 Steel-Kh12m
NT2 Steel-5Kh2mf
NT2 Steel-12Kh1mf
NT2 Steel-15Kh1m1f
NT2 Steel-20Khmf
NT2 Steel-15Kh1m1fl
NT2 Steel-38Khmyua
NT2 Steel-000Kh20n20
NT2 Steel-12Khn3
NT2 Steel-40Khn
NT2 Steel-12Khn3a
NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-12Kh2nch
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-40Khnma
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-40Kh2n5sm
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n10t
NT2 Steel-37Khn3t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-2Kh18n8v2
NT2 Steel-18Kh2n4va
NT2 Steel-Khn35vt
NT2 Steel-3Kh15n13yu3
NT2 Steel-9Khs
NT2 Steel-Kh13s2yu2bt
NT2 Steel-1Kh12v2mf
NT2 Steel-22NiMoCr37
NT2 Steel-30N9k4
NT2 Steel-N36khtyu
NT2 Steel-R18
NT2 Steel-Vzh102
NT2 Steel-Z10cdnbv9
NT2 Steel-Z10cdv7
NT1 Manganese Base Alloys
NT1 Manganin
NT1 Monel 400
NT1 Nimonic 80A
NT1 Stainless Steel-Z3cmn18-8-6N
NT1 Stainless Steel-Z2cn18-10
NT1 Stainless Steel-Zcnd17-13
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Stainless Steel-Z6cnt18-12B
NT1 Steel-08G2sfb
NT1 Steel-40K14g18f
NT1 Steel-03Kh13ag13
NT1 Steel-0Kh18g8n2t
NT1 Steel-60Kh3g8n8v
NT1 Steel-15Khg2sfmr
NT1 Steel-42Kh2gsnm
NT1 Steel-000Kh18n13
NT1 Steel-1Kh18n9
NT1 Steel-Kh18n8
NT1 Steel-Kh18n9
NT1 Steel-Kh18n10
NT1 Steel-18Kh16n6
NT1 Steel-Kh23n18
NT1 Steel-40Kh13n8g8
NT1 Steel-4Kh12n8g8mfb
NT1 Steel-0Kh18n9t
NT1 Steel-0Kh18n10t
NT1 Steel-1Kh18n9t
NT1 Steel-Kh18n9t
NT1 Steel-Kh18n10t
NT1 Steel-1Kh16n14v2br Ehp17
NT1 Steel-Kh18n22v2t2
NT1 Steel-20M5
NT1 Steel-18Mnv6
NT1 Steel-20N14
NT1 Steel-OOOKh20n16ag6
NT1 Steel VNT
NT1 Steel-X6crni1811
NT1 Tenelon

MANGANESE-ALPHA [01]
BT1 Manganese
BT2 Transition Elements
BT3 Metals
BT4 Elements

MANGANESE ARSENIDES [01]
DA December 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Manganese Compounds
BT2 Transition Element Compounds

MANGANESE BASE ALLOYS [01]
BT1 Manganese Alloys
BT2 Alloys

MANGANESE-BETA [01]
BT1 Manganese
BT2 Transition Elements
BT3 Metals
BT4 Elements

MANGANESE BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds

MANGANESE BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Manganese Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Manganese Compounds
BT3 Transition Element Compounds

MANGANESE CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds

MANGANESE CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds
NT1 Ankerite

MANGANESE CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Manganese Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Manganese Compounds
BT3 Transition Element Compounds

MANGANESE COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

MANGANESE COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Manganates
NT1 Manganese Arsenides
NT1 Manganese Borides
NT1 Manganese Carbides
NT1 Manganese Carbonates
NT2 Ankerite
NT1 Manganese Halides
NT2 Manganese Bromides
NT2 Manganese Chlorides
NT2 Manganese Fluorides
NT2 Manganese Iodides
NT1 Manganese Hydrides
NT1 Manganese Hydroxides
NT1 Manganese Nitrates
NT1 Manganese Nitrides
NT1 Manganese Oxides
NT2 Tantalite
NT1 Manganese Perchlorates
NT1 Manganese Phosphates
NT1 Manganese Phosphides
NT1 Manganese Selenides
NT1 Manganese Silicates
NT2 Helvite
NT1 Manganese Silicides
NT1 Manganese Sulfates
NT1 Manganese Sulfides
NT1 Manganese Tellurides
NT1 Permanganates
NT2 Potassium Permanganates

MANGANESE FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Manganese Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Manganese Compounds
BT3 Transition Element Compounds

MANGANESE-GAMMA [01]
BT1 Manganese
BT2 Transition Elements
BT3 Metals
BT4 Elements

MANGANESE HALIDES
DA July 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds
NT1 Manganese Bromides
NT1 Manganese Chlorides
NT1 Manganese Fluorides
NT1 Manganese Iodides

MANGANESE HYDRIDES [01]
DA April 1976
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds

MANGANESE HYDROXIDES [01]
BT1 Hydroxides

BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Manganese Compounds
BT2 Transition Element Compounds

MANGANESE IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Manganese Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Manganese Compounds
BT3 Transition Element Compounds

MANGANESE IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

MANGANESE ISOTOPES [01]
NT1 Manganese 44
NT1 Manganese 46
NT1 Manganese 47
NT1 Manganese 48
NT1 Manganese 49
NT1 Manganese 50
NT1 Manganese 51
NT1 Manganese 52
NT1 Manganese 53
NT1 Manganese 54
NT1 Manganese 55
NT1 Manganese 56
NT1 Manganese 57
NT1 Manganese 58
NT1 Manganese 59
NT1 Manganese 60

MANGANESE NITRATES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

MANGANESE NITRIDES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

Manganese Nodules
DA June 1975
USE Manganese Ores

MANGANESE ORES [01]
UF *Manganese Nodules*
BT1 Ores

MANGANESE OXIDES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Tantalite
RT Manganates
RT Permanganates

MANGANESE PERCHLORATES [01]
DA January 1975
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

MANGANESE PHOSPHATES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

MANGANESE PHOSPHIDES
DA March 1976
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

MANGANESE SELENIDES [01]
DA November 1978
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

MANGANESE-SIGMA [01]
BT1 Manganese
BT2 Transition Elements
BT3 Metals
BT4 Elements

MANGANESE SILICATES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Helvite

MANGANESE SILICIDES [01]
DA July 1976
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

MANGANESE SULFATES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

MANGANESE SULFIDES [01]
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

MANGANESE 51 TARGET [01]
DA July 1976
BT1 Targets

MANGANESE 52 TARGET
DA June 1979
BT1 Targets

MANGANESE 53 TARGET [01]
DA July 1976
BT1 Targets

MANGANESE 54 TARGET
DA April 1977
BT1 Targets

MANGANESE 55 TARGET [01]
DA July 1976
BT1 Targets

MANGANESE TELLURIDES [01]
DA January 1975
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

MANGANIN [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

MANGOES [01]
BT1 Fruits
BT2 Food

MANGROVES
DA November 1975
BT1 Trees
BT2 Plants

MANHATTAN COLLEGE REACTOR [01]
UF *New York ZPR Manhattan*
BT1 Tank Type Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

MANHATTAN PROJECT [01]
RT Nuclear Weapons

MANIAC COMPUTERS [01]
BT1 Computers

Manioc
DA November 1978
USE Cassava

MANIPULATORS [01]
BT1 Laboratory Equipment
BT1 Remote Handling Equipment
RT Distance
RT Hands
RT Hot Cells
RT Hot Labs
RT Remote Handling
RT Shielding
RT Underwater Facilities
RT Underwater Operations

MANITOBA [01]
BT1 Canada
BT2 North America

Mannomustine
USE Alkylating Agents

MANNOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

Manometers
USE Pressure Gages

MANPOWER
DA January 1976
RT Craftsmen
RT Employment
RT Labor
RT Occupations

MANUALS [01]
(Should be used to index all pieces of literature which are manuals.)
BT1 Document Types
RT Education
RT Information
RT Recommendations

MANUFACTURERS
DA November 1978
RT Commercialization
RT Industry

MANUFACTURING
DA October 1976
RT Fabrication
RT Industry
RT Production

MANURES
DA May 1975
BT1 Agricultural Wastes
BT2 Solid Wastes
BT3 Wastes

MANY-BODY PROBLEM [01]
NT1 Four-Body Problem
NT1 Three-Body Problem
NT1 Two-Body Problem
RT Bethe-Goldstone Equation
RT FSC Approximation
RT Goldstone Diagrams
RT Martin-Schwinger Theory
RT Multiple Scattering
RT Percus-Yevick Equation
RT Quasi Particles
RT Unitary Pole Approximation
RT Van Hove-Hugenholtz Theory
RT Wick Theorem

MANY-DIMENSIONAL CALCULATIONS [01]
(More than four dimensions.)
UF *Calculations (Many Dimensions)*
RT Four-Dimensional Calculations
RT Mathematics
RT Three-Dimensional Calculations
RT Two-Dimensional Calculations

MANY-NUCLEON TRANSFER REACTIONS [01]
(More than four nucleons transfered.)
BT1 Multi-Nucleon Transfer Reactions
BT2 Transfer Reactions
BT3 Direct Reactions
BT4 Nuclear Reactions

MAPLES
DA March 1979
BT1 Trees
BT2 Plants

MAPPING
DA October 1978
RT Geometry
RT Maps

Mapping (Topological)
USE Topological Mapping

MAPPING FIBRATION [01]
UF *Fibration (Topological Maps)*
RT Differential Topology
RT Topological Mapping

MAPS [01]
RT Diagrams
RT Mapping
RT Topography

Mar-250 Alloy
DA March 1979
USE Maraging Steels

MAR-M509 ALLOYS
DA January 1979
UF *XC-224*
UF *XC-224Fe*
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys

MARAGING STEELS
DA March 1979
UF *Mar-250 Alloy*
BT1 Nickel Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
DEF Low carbon-iron base steels with 18 to 25% nickel. Structure is age-hardened martensite.

MARBLE
DA October 1975
BT1 Metamorphic Rocks
BT2 Rocks
RT Calcium Carbonates

MARBLE HILL-1 REACTOR [01]
DA November 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

MARBLE HILL-2 REACTOR [01]
DA November 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

MARCASITE
DA March 1979
BT1 Iron Sulfides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Minerals
RT Pyrites
DEF FeS042, orthorhombic, hardness 6, specific gravity 4.8 pale, brass-yellow COLOR.

Marcoule (CEA)
USE CEA Marcoule

Marcoule G-1 Reactor
USE G-1 Reactor

Marcoule G-2 Reactor
USE G-2 Reactor

Marcoule G-3 Reactor
USE G-3 Reactor

Marcoule Phenix Reactor
USE Phenix Reactor

MARGINAL-COST PRICING
DA April 1978
BT1 Prices
RT Electric Power
RT Incremental-Cost Pricing
RT Load Management
RT Public Utilities
RT Rate Structure
DEF Pricing based on addition to total cost incurred by the producer in providing one or more units.

Margins
DA May 1979
USE Profits

MARIA REACTOR [01]
UF *Swierk Maria Reactor*
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research and Test Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Mariculture
DA March 1976
USE Aquaculture

MARIGNACITE [01]
BT1 Minerals
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds
BT1 Zirconium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

MARINAS
DA November 1977
RT Harbors
RT Inland Waterways
RT Seas

MARINE DISPOSAL [01]
UF *Sea Disposal*
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT OECD MCMSDRW
RT Radioactive Waste Disposal

Marine Ecosystems
USE Aquatic Ecosystems

Marine Insurance
USE Insurance

MARINE RISERS
DA April 1977
UF *Drilling Risers*
UF *Production Risers*
BT1 Pipes
RT Offshore Drilling
RT Offshore Platforms
DEF A pipe through which fluid travels in an upward direction. On an offshore operation the term refers to a large diameter pipe which extends from the blowout preventer stack on the sea floor to under the derrick floor of an offshore platform or to a large diameter pipe or flowline carrying gas or oil.

MARINE SURVEYS
DA November 1976
UF *Offshore Surveys*
RT Geochemical Surveys
RT Geophysical Surveys

Marine Vehicle Accidents
USE Accidents

MARINER SPACE PROBES [01]
BT1 Space Vehicles

Maritime Carriage Liability Conv Brussels 1971
USE BCOCLMCNM

MARITIME LAWS [01]
BT1 Laws
RT Transport Regulations

MARITIME TRANSPORT [01]
DA October 1977
BT1 Transport

MARIUS REACTOR [01]
UF *Cadarache Reactor Marius*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors

BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Mark V Synchrotron
USE MURA Synchrotron

MARKARIAN GALAXIES [01]
DA January 1975
BT1 Galaxies
DEF Galaxies distinguished by an abnormally strong ultraviolet continuum believed to be of a nonthermal nature, increasing the probability that these galaxies will be detectable as radio sources.

MARKET [01]
UF+ *Market Shares*
RT Cartels
RT Commercialization
RT Economics
RT Forecasting
RT Gross Domestic Product
RT Gross National Product
RT Marketing Research
RT Monopolies
RT Retailers
RT Supply and Demand
DEF The chance to buy or sell.

Market Life
USE Storage Life

Market Penetration
DA January 1978
USE Marketing Research

Market Shares
DA May 1979
USE Competition
AND Market

Marketers
DA May 1979
USE Retailers

MARKETING RESEARCH
DA January 1978
UF *Market Penetration*
RT Commercialization
RT Economics
RT Forecasting
RT Market
DEF Research conducted to establish the extent and location of a market or to analyze the cost of products and processes as compared with that of alternative or competitive products or processes.

MARKOV PROCESS [01]
BT1 Stochastic Processes
RT Failure Mode Analysis
RT Kolmogorov Equation

MARLEX [01]
BT1 Polyethylenes
BT2 Polyolefins
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

Marlite
DA July 1976
USE Marlstone

MARLSTONE
DA July 1976
UF *Marlite*
RT Calcium Carbonates
RT Clays
DEF An indurated mixture of clay materials and Ca carbonate (rarely dolomite) usually containing from 25 to 75% clays.

MARMARA SEA [01]
UF *Marmora Sea*
UF *Sea of Marmara*
BT1 Seas
BT2 Surface Waters
RT Turkey

Marmen Effect
DA January 1975
USE Shape Memory Effect

Marmora Sea
DA May 1976
USE Marmara Sea

MARS PLANET [01]
BT1 Planets

MARS SPACE PROBES [01]
DA April 1978
BT1 Space Vehicles
RT Space Flight

Marsh Event
DA June 1977
USE Anvil Project

MARSHAK BOUNDARY CONDITIONS [01]
UF+ *Marshak Conditions*
BT1 Boundary Conditions
RT Angular Distribution
RT Milne Problem
RT Spherical Harmonics Method

Marshak Conditions
USE Marshak Boundary Conditions
AND Martin-Schwinger Theory

MARSHALL ISLANDS [01]
BT1 Islands
BT1 Micronesia
BT2 Oceania
NT1 Bikini
NT1 Eniwetok
RT Nuclear Explosions
RT Pacific Ocean

MARSHES
DA July 1976
BT1 Aquatic Ecosystems
BT2 Ecosystems
RT Surface Waters
RT Swamps

MARSUPIALS [01]
UF *Opossum*
UF *Potorous*
BT1 Mammals
BT2 Vertebrates
BT3 Animals

MARTENSITE [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
RT Austenite
RT Bainite
RT Cementite
RT Ferrite
RT Iron-Alpha
RT Iron-Beta
RT Steels

Martin-Puff-Schwinger Theory
USE Martin-Schwinger Theory

MARTIN-SCHWINGER THEORY [01]
UF *Martin-Puff-Schwinger Theory*
UF+ *Marshak Conditions*
RT Many-Body Problem

MARVEL EVENT [01]
BT1 Plowshare Project

MARVIKEN REACTOR [01]
BT1 BHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

MARY KATHLEEN MINES [01]
BT1 Uranium Mines
BT2 Mines

MARYLA REACTOR [01]
UF *Polish Government Maryla Reactor*
UF *Swierk Research Reactor Maryla*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

MARYLAND [01]
BT1 Central Region
BT1 USA
BT2 North America
RT Chesapeake Bay
RT Potomac River
RT Susquehanna River

MASERS [01]
DA January 1975
BT1 Microwave Amplifiers
BT2 Amplifiers
BT3 Electronic Equipment
BT2 Microwave Equipment
BT3 Electronic Equipment
RT Microwave Radiation
RT Quantum Electronics
RT Radiation Sources
RT Stimulated Emission

Masks
USE Respirators

MASS [01]
NT1 Effective Mass
NT1 Missing Mass
NT1 Negative Mass
NT1 Rest Mass
RT Dalitz Plot
RT Equivalence Principle
RT Gravitational Fields
RT Linear Momentum
RT Mass Difference
RT Mass Formulae
RT Moment of Inertia
RT Weight

Mass (Thermal)
DA July 1978
USE Thermal Mass

MASS BALANCE [01]
DA June 1975
UF *Balance (Mass)*
RT Plasma Confinement
RT Thermonuclear Devices
RT Thermonuclear Reactors

MASS DEFECT [01]
RT Binding Energy
RT Nuclear Forces
DEF Mass lost to binding energy.

MASS DIFFERENCE [01]
BT1 Particle Properties
RT Mass
DEF Unexpected difference between particles of the same family, e.g., between pi plus and pi minus.

MASS DOUBLETS
DA January 1975
RT Mass Spectroscopy

MASS FORMULAE [01]
NT1 Okubo Mass Formula
RT Mass

RT Quantum Field Theory

MASS NUMBER [01]
RT Mass Spectroscopy
RT Weizsaecker Formula

Mass Radius (Nuclear)
USE Nuclear Radii

Mass Radius (Particle)
USE Particle Radii

MASS REARING [01]
BT1 Animal Breeding
BT1 Rearing
RT Diet
RT Insects
RT Nutrition
RT Sterile Male Technique

MASS RENORMALIZATION [01]
BT1 Renormalization

MASS RESOLUTION [01]
DA April 1975
BT1 Resolution

MASS SPECTRA [01]
BT1 Spectra

MASS SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
NT1 Dynamic Mass Spectrometers
NT2 Energy Balance Mass Spectrometers
NT1 Spark Mass Spectrometers
NT1 Static Mass Spectrometers
RT Dees
RT Mass Spectroscopy

MASS SPECTROSCOPY [01]
UF+ *SIMS*
BT1 Spectroscopy
RT Mass Doublets
RT Mass Number
RT Mass Spectrometers

MASS TRANSFER [01]
UF *Transfer (Mass)*
NT1 Advection
NT1 Environmental Transport
NT2 Radionuclide Migration
NT2 Runoff
RT Atom Transport
RT Convection
RT Dialysis
RT Diffusion
RT Energy Transfer
RT Fluid Flow
RT Membrane Transport
RT Osmosis

MASS TRANSIT SYSTEMS
DA November 1977
BT1 Transportation Systems
RT Rapid Transit Systems
RT Transport

MASSACHUSETTS [01]
BT1 North Atlantic Region
RT Connecticut River
RT Connecticut River Basin
RT Gulf of Maine

Massachusetts Institute of Technology Alcator
USE Alcator Device

Massachusetts Institute of Technology Reactor
USE MITR Reactor

MASSEY-MOHR EQUATION [01]
BT1 Equations
RT Hard-Core Potential
RT Nucleons

Massive Vector-Meson Model
USE Gluon Model

MASSLESS PARTICLES [01]
BT1 Elementary Particles
NT1 Gravitons
NT1 Neutrinos
NT2 Antineutrinos
NT3 Electron Antineutrinos
NT3 Muon Antineutrinos
NT2 Cosmic Neutrinos
NT2 Electron Neutrinos
NT3 Electron Antineutrinos
NT2 Muon Neutrinos
NT3 Muon Antineutrinos
NT2 Solar Neutrinos
NT2 Tau Neutrinos
NT1 Photons
NT2 Cosmic Photons
RT Quantum Field Theory
RT Relativity Theory

MAST CELLS [01]
UF *Basophils (Connective Tissue)*
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Heparin

MASURCA REACTOR [01]
UF *Cadarache Maquette Surgeneratic Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Masurium
USE Technetium

MASUYITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

MATERIAL BALANCE [01]
SF *Input-Output*
RT Inventories
RT Losses
RT Material Unaccounted For
RT Shipper-Receiver Differences

MATERIAL BALANCE AREA [01]
RT Safeguards
RT Strategic Points

MATERIAL BUCKLING [01]
(Not for structural buckling.)
BT1 Buckling

MATERIAL SUBSTITUTION
DA December 1977
RT Commodities
RT Trade

MATERIAL UNACCOUNTED FOR [01]
UF *MUF*
RT Accounting
RT Inventories
RT Losses
RT Material Balance
RT Nuclear Materials Management
RT Safeguards
RT Shipper-Receiver Differences

MATERIALS
DA May 1975
NT1 Antiferroelectric Materials
NT1 Antiferromagnetic Materials
NT1 Building Materials
NT2 Adobe
NT2 Bricks
NT2 Cements
NT3 Gypsum Cements
NT3 Portland Cement
NT2 Concrete Blocks
NT2 Concretes
NT3 Prestressed Concrete
NT3 Reinforced Concrete
NT1 Ferroelectric Materials
NT1 Ferromagnetic Materials
NT1 Fiberglass
NT1 Glazing Materials
NT1 Heat Resistant Materials
*NT2 Heat Resisting Alloys
NT1 Phase Change Materials
NT1 Porous Materials
NT1 Potting Materials
NT1 Reinforced Materials
NT2 Reinforced Concrete
NT2 Reinforced Plastics
NT1 Stemming Materials
RT Interchangeability
RT Renewable Resources
RT Resource Development

Materials (Antiferroelectric)
USE Antiferroelectric Materials

Materials (Antiferromagnetic)
USE Antiferromagnetic Materials

Materials (Ferroelectric)
USE Ferroelectric Materials

Materials (Ferromagnetic)
USE Ferromagnetic Materials

MATERIALS DRILLING [01]
UF *Drilling (Materials)*
BT1 Machining
NT1 Laser Drilling
RT Rock Drilling
RT Subterrene Penetrators

MATERIALS HANDLING [01]
UF *Handling (Materials)*
NT1 Hoisting
NT1 Lightering
NT1 Loading
NT1 Mine Haulage
RT Conveyors
RT Cranes
RT Fuel Feeding Systems
RT Grabs
RT Hoists
RT Hydraulic Transport
RT Remote Handling
RT Retrieval Systems
RT Sample Changers
RT Transport
RT Unloading
RT Winches

MATERIALS PROCESSING REACTORS [01]
(For routine irradiation of production items to obtain desirable changes in properties.)
BT1 Irradiation Reactors
BT2 Reactors

MATERIALS RECOVERY
DA September 1975
BT1 Recovery
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT BAMAG Process
RT Energy Recovery
RT Recycling
RT Resource Recovery Facilities
RT RESOX Process

MATERIALS TESTING [01]
UF *Testing (Materials)*
BT1 Testing

NT1 Destructive Testing
NT1 Mechanical Tests
NT2 Impact Tests
NT1 Nondestructive Testing
NT2 Acoustic Testing
NT3 Acoustic Emission Testing
NT3 Ultrasonic Testing
NT2 Electrical Testing
NT2 Electromagnetic Testing
NT3 Eddy Current Testing
NT2 Industrial Radiography
NT3 Beta Radiography
NT3 Gamma Radiography
NT4 Gamma Fuel Scanning
NT3 Neutron Radiography
NT3 Proton Radiography
NT3 X-Ray Radiography
NT2 Liquid Penetrant Inspection
NT2 Magnetic Testing
NT2 Radiation Attenuation Testing
NT2 Thermal Testing
NT3 Frost Tests
NT3 Thermography
NT4 Infrared Thermography
RT Ceramography
RT Corrosion
RT Emanation Method
RT FMIT Facility
RT Inspection
RT Metallography
RT Photoelasticity
RT Quality Control
RT S-N Diagram
RT Stresses

Materials Testing Reactor Japan
USE JMTR Reactor

MATERIALS TESTING REACTORS [01]
(For testing properties of materials or equipment in a radioactive environment.)
BT1 Irradiation Reactors
BT2 Reactors
NT1 ATR Reactor
NT1 BR-2 Reactor
NT1 CP-2 Reactor
NT1 CWRR Reactor
NT1 Dido Reactor
NT1 DMTR Reactor
NT1 DR-3 Reactor
NT1 EL-3 Reactor
NT1 FRAN Reactor
NT1 FRG-2 Reactor
NT1 FRJ-2 Reactor
NT1 Gleep Reactor
NT1 Hector Reactor
NT1 HFR Reactor
NT1 HIFAR Reactor
NT1 HWCTR Reactor
NT1 JMTR Reactor
NT1 JRR-3 Reactor
NT1 KSTR Reactor
NT1 LPR Reactor
NT1 Merlin Reactor
NT1 MTR Reactor
NT1 NBSR Reactor
NT1 NRX Reactor
NT1 Osiris Reactor
NT1 PBR Reactor
NT1 Pluto Reactor
NT1 R-2 Reactor
NT1 RV-1 Reactor
NT1 SM-2 Reactor
NT1 SMR Reactor
NT1 Taiwan Research Reactor
NT1 Triga-1-Hanford Reactor
NT1 UCNR Reactor
NT1 WR-1 Reactor
NT1 WWR-M-Kiev Reactor
NT1 WWR-M-Leningrad Reactor
NT1 Zephyr Reactor

MATERIALS WORKING [01]
(Covers metal and non-metal working.)
UF *Forming (Materials)*
UF *Working (Materials)*
BT1 Fabrication
NT1 Canning
NT1 Cold Working
NT2 Shot Peening
NT1 Drawing
NT1 Explosive Forming
NT1 Extrusion
NT2 Coextrusion
NT1 Forging
NT1 Hot Working
NT1 Magnetic Forming
NT1 Pressing
NT2 Cold Pressing
NT2 Hot Pressing
NT1 Rolling
NT1 Swaging
RT Casting
RT Deformation
RT Machining
RT Molding

MATHEMATICAL LOGIC
DA November 1975
UF *Logic (Mathematics)*
UF *Symbolic Logic*
NT1 Algorithms
RT Mathematics

MATHEMATICAL MANIFOLDS [01]
NT1 Complex Manifolds
NT1 Convex Manifolds
NT1 Smooth Manifolds
RT Mathematical Space
RT Mathematics
RT Measure Theory
RT Topological Mapping
RT Topology

MATHEMATICAL MODELS [01]
UF *Models (Mathematical)*
NT1 Atomic Models
NT2 Thomas-Fermi Model
NT1 Cosmological Models
NT1 Crystal Models
NT2 Heisenberg Model
NT2 Ising Model
NT1 Electron-Promotion Model
NT1 Flow Models
NT1 Harmonic Oscillator Models
NT1 Molecular Models
NT2 Thermodynamic Molecular Model
NT1 Nuclear Models
NT2 Bjorklund-Fernbach Model
NT2 Black Nucleus Model
NT2 Brueckner Model
NT2 Cloudy Crystal Ball Model
NT2 Cluster Model
NT2 Coherent Tube Model
NT2 Collective Model
NT2 Cranking Model
NT2 Davydov-Filipov Model
NT2 Droplet Model
NT2 Elliot Model
NT2 Evaporation Model
NT3 Weisskopf Model
NT2 Exciton Model
NT2 Fermi Gas Model
NT2 Goldberger Model
NT2 Lane-Thomas-Wigner Model
NT2 Liquid Drop Model
NT2 Nilsson-Mottelson Model
NT2 Nuclear Fireball Model
NT2 Order-Disorder Model
NT2 Particle-Core Model
NT2 Particle-Hole Model
NT2 Perey-Buck Model
NT2 Quartet Model
NT2 Shell Models
NT3 Governor Model
NT3 Interacting Boson Model
NT2 Spherical Model
NT2 Strong-Absorption Model
NT2 Superfluid Model
NT2 Unified Model
NT2 Valency Model
NT2 VMI Model
NT2 Weak-Coupling Model
NT1 Particle Models
NT2 Coherent Tube Model
NT2 Composite Models
NT3 Bootstrap Model
NT3 CIM Model
NT3 Parton Model
NT3 Quark Model
NT4 Bag Model
NT4 Color Model
NT4 Flavor Model
NT4 String Models
NT2 Correlated-Particle Models
NT2 Diffraction Models
NT2 Dual Absorption Model
NT2 Extended Particle Model
NT3 Bag Model
NT3 String Models
NT2 Feynman Gas Model
NT2 Fireball Model
NT2 Gluon Model
NT2 Hard Collision Models
NT2 Higgs Model
NT2 Isobar Model
NT2 Jet Model
NT2 Lee Model
NT2 Linear Absorption Models
NT2 Nova Model
NT2 Octet Model
NT2 Peripheral Models
NT3 Baryon-Exchange Models
NT3 Boson-Exchange Models
NT4 Obe Model
NT5 Ope Model
NT6 Electric Born Model
NT3 Multiperipheral Model
NT4 Cluster Emission Model
NT5 Space-Time Model
NT2 Sigma Model
NT2 Strong-Coupling Model
NT2 Tensor Dominance Model
NT2 Thermodynamic Model
NT3 Hydrodynamic Model
NT2 Uncorrelated-Particle Model
NT2 Unified Gauge Models
NT3 Weinberg Lepton Model
NT3 Weinberg-Salam Gauge Model
NT2 Van Hove Model
NT2 Vector Dominance Model
NT2 Veneziano Model
NT3 Dual Resonance Model
NT1 Star Models
NT1 Statistical Models
NT2 Feynman Gas Model
NT2 Thermodynamic Model
NT3 Hydrodynamic Model
NT1 Thermal-Nelson Model
RT Biological Models
RT Comparative Evaluations
RT Computer-Aided Design
RT Energy Models
RT Functional Models
RT Hypothesis
RT Mockup
RT Response Functions
RT Scaling Laws
RT Sensitivity Analysis
RT Structural Models
RT Time-Series Analysis

MATHEMATICAL OPERATORS [01]
UF *Operators (Mathematical)*
NT1 Casimir Operators
NT1 Hermitian Operators
NT1 Laplacian
NT1 Projection Operators
NT1 Quantum Operators
NT2 Angular Momentum Operators
NT3 Orbital Momentum Operators
NT3 Pauli Spin Operators
NT2 Annihilation Operators
NT2 Commutators
NT3 Current Commutators
NT4 Sigma Terms
NT2 Creation Operators
NT2 Dirac Operators
NT2 Field Operators
NT2 Hamiltonians
NT2 Linear Momentum Operators
NT2 Moshinsky Transformation
NT2 Position Operators

NT1 Superoperators
RT Commutation Relations
RT Density Matrix
RT Digital Filters
RT Digital Frequency Analysis
RT Eigenvalues
RT Eigenvectors
RT Mathematics
RT Quantum Mechanics
RT Transfer Matrix Method

MATHEMATICAL SPACE [01]
BT1 Space
NT1 Banach Space
NT2 Hilbert Space
NT1 Hausdorff Space
NT1 Minkowski Space
NT1 Phase Space
NT1 Riemann Space
NT2 Euclidean Space
RT Fock Representation
RT Geodesics
RT Lobachevsky Geometry
RT Mathematical Manifolds
RT Mathematics
RT Measure Theory
RT Metrics
RT Space Dependence
RT Space-Time

MATHEMATICS [01]
NT1 Algebra
NT1 Differential Calculus
NT1 Functional Analysis
NT1 Geometry
NT1 Global Analysis
NT1 Group Theory
NT1 Integral Calculus
NT1 Measure Theory
NT1 Numerical Analysis
NT1 Set Theory
NT1 Statistics
NT2 Game Theory
NT2 Regression Analysis
NT1 Time-Series Analysis
NT1 Topology
NT2 Differential Topology
RT Algorithms
RT Analytical Solution
RT Asymptotic Solutions
RT Bethe-Tait Method
RT Canonical Transformations
RT Conformal Mapping
RT Coordinates
RT Differential Equations
RT Eigenvectors
RT Equations
RT Extrapolation
RT Extreme-Value Problems
RT Factorization
RT Finite Difference Method
RT Finite Element Method
RT Four-Dimensional Calculations
RT Fourier Analysis
RT Functions
RT Galerkin-Petrov Method
RT Gamma Function
RT Geodesy
RT Harmonic Oscillators
RT Integral Equations
RT Integral Transformations
RT Integrals
RT Interpolation
RT Iterative Methods
RT Many-Dimensional Calculations
RT Mathematical Logic
RT Mathematical Manifolds
RT Mathematical Operators
RT Mathematical Space
RT Matrices
RT Metrics
RT Network Analysis
RT Newton Method
RT Nonlinear Problems
RT Numerical Solution
RT One-Dimensional Calculations
RT Perturbation Theory
RT Phase Space
RT Polynomials
RT Power Series
RT Quasilinear Problems
RT Queues
RT Regge Calculus
RT Runge-Kutta Method
RT Saddle-Point Method
RT Scalars
RT Series Expansion
RT Spherical Harmonics
RT Spline Functions
RT Superconvergence Relations
RT Tensors
RT Three-Dimensional Calculations
RT Two-Dimensional Calculations
RT Variational Methods
RT Vectors
RT Weierstrass Functions

MATHIEU EQUATION [01]
BT1 Differential Equations
BT2 Equations

MATING [01]
RT Reproduction
RT Sex

MATRICES [01]
NT1 Density Matrix
NT1 G Matrix
NT1 Hermitian Matrix
NT1 K Matrix
NT1 Nuclear Matrix
NT1 R Matrix
NT1 S Matrix
RT Mathematics
RT Matrix Elements
RT Metrics
RT Secular Equation

MATRIX ELEMENTS [01]
RT Brillouin Theorem
RT Matrices

MATRIX ISOLATION [01]
DA October 1978
RT Atoms
RT Clathrates
RT Molecular Structure
RT Molecules
RT Spectroscopy
DEF Method for investigating chemical, physical, spectroscopic, and other properties of reactive species of atoms or molecules while trapped in matrices at low temperature.

MATRIX MATERIALS [01]
BT1 Reactor Materials
RT Fuel Elements
RT Graphite
RT Resins

MATSUKAWA GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hachimantai
RT Japan
RT Vapor-Dominated Systems

MATTER [01]
NT1 Nuclear Matter
RT Ambiplasma
RT Antimatter
RT Cosmology
RT Rheology

MATTERHORN PROJECT [01]
RT Thermonuclear Reactions

MATTHIESSEN RULE [01]
RT Electric Conductivity
RT Thermal Conductivity

MATURATION
DA August 1977
UF *Thermal Alteration*
RT Petroleum

MAURITANIA [01]
BT1 Africa

MAXIMUM ACCEPTABLE CONTAMINATION [01]
UF *Mac*
BT1 Contamination Regulations
BT2 Regulations
BT1 Safety Standards
BT2 Standards
RT Contamination

MAXIMUM CREDIBLE ACCIDENT [01]
UF *MCA*
BT1 Design Basis Accidents
BT2 Reactor Accidents
BT3 Accidents
RT Health Hazards
RT Reactor Safety

MAXIMUM INHALATION QUANTITY [01]
UF *MIQ*
BT1 Safety Standards
BT2 Standards
RT Inhalation
RT Radioactivity

MAXIMUM-LIKELIHOOD FIT [01]
BT1 Numerical Solution
NT1 Least Square Fit
RT Probability
RT Statistics

MAXIMUM PERMISSIBLE ACTIVITY [01]
UF *MPA*
BT1 Safety Standards
BT2 Standards
RT Radioactivity

MAXIMUM PERMISSIBLE BODY BURDEN [01]
UF *MPBB*
BT1 Safety Standards
BT2 Standards
RT Body Burden
RT Radioactivity
RT Retention

MAXIMUM PERMISSIBLE CONCENTRATION [01]
UF *MPC*
BT1 Safety Standards
BT2 Standards

MAXIMUM PERMISSIBLE DOSE [01]
UF *MPD*
BT1 Safety Standards
BT2 Standards
RT Dose Limits
RT Maximum Permissible Exposure
RT Radiation Doses

MAXIMUM PERMISSIBLE EXPOSURE [01]
UF *MPE*
BT1 Safety Standards
BT2 Standards
RT Integral Doses
RT Maximum Permissible Dose
RT Radiation Doses

MAXIMUM PERMISSIBLE INTAKE [01]
UF *MPI*
BT1 Safety Standards
BT2 Standards
RT Intake
RT Radioactivity

MAXIMUM PERMISSIBLE LEVEL [01]
UF *MPL*
BT1 Safety Standards
BT2 Standards
RT Radioactivity

Maxwell-Boltzmann Distribution
USE Boltzmann Statistics

Maxwell-Boltzmann Equation
USE Boltzmann Equation

Maxwell-Boltzmann Statistics
USE Boltzmann Statistics

Maxwell Distribution
USE Boltzmann Statistics

MAXWELL EQUATIONS [01]
BT1 Differential Equations
BT2 Equations
RT Born-Infeld Theory
RT Electrodynamics
RT Electromagnetic Fields
RT Field Equations
RT Poynting Theorem

Maxwell Statistics
USE Boltzmann Statistics

Maxwell Velocity Distribution
USE Boltzmann Statistics

Mayaguez Puerto Rico L-77 Reactor
USE PRNC-L-77 Reactor

Mayaguez Puerto Rico Pool Reactor
USE PRPR Reactor

MAYER-SCHMIDT CONFIGURATIONS [01]
UF *M-S Configuration*
BT1 Closed Configurations
BT2 Magnetic Field Configurations

MC GUIRE-1 REACTOR [01]
UF *W. B. Mc Guire-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MC GUIRE-2 REACTOR [01]
UF *W. B. Mc Guire-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MC LEOD GAGES [01]
BT1 Vacuum Gages
BT2 Pressure Gages
BT3 Measuring Instruments

Mc Master University Nuclear Reactor
USE MNR Reactor

MCA
USE Maximum Credible Accident

MCDOWELL-WELLMAN PROCESS
DA April 1978
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Gas Generators
DEF This gasifier has a continuous automatic gravity coal feeding system, a revolving grate, and an elevated ash pit. The gas-making chamber is completely water-jacketed. The inner wall is made of one-inch thick steel plate and requires no brick lining. Waste heat in the water jacket generates the required steam.

MCGILL SYNCHROCYCLOTRON [01]
DA June 1975
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

McMurdo Sound Medium Power Plant 3A
USE PM-3A Reactor

MDPA [01]
UF *Monododecylphosphoric Acid*
BT1 Chelating Agents
BT1 Organic Acids
BT2 Organic Compounds
BT1 Phosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

MEA [01]
UF *Aminoethanethiol*
UF *Cysteamine*
UF *Mercamine*
UF *Mercaptoethylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Cystamine
RT Cytriphos

MEA LINAC [01]
DA November 1976
BT1 Linear Accelerators
BT2 Accelerators

MEAN FREE PATH [01]
RT Cross Sections
RT Diffusion

Mean Life
USE Lifetime

MEASLES [01]
DA August 1976
UF *Rubeola*
BT1 Infectious Diseases
BT2 Diseases
RT Measles Virus

MEASLES VIRUS [01]
DA August 1976
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
RT Measles

MEASURE THEORY [01]
DA June 1975
BT1 Mathematics
RT Mathematical Manifolds
RT Mathematical Space
RT Metrics

Measured Values
USE Data

Measurements While Drilling
DA December 1978
USE MWD Systems

MEASURING INSTRUMENTS [01]
(Use of a more specific term is recommended.)
UF *Instruments (Measuring)*
NT1 Accelerometers
NT1 Altimeters
NT1 Anemometers
NT2 Hot Wire Anemometers
NT1 Beam Monitors
NT2 Beam Scanners
NT2 Faraday Cups
NT2 Magnetoinduction Sensors
NT1 Bolometers
NT1 Calorimeters
NT1 Carbon Meters
NT1 Densimeters
NT2 Pycnometers
NT1 Diffractometers
NT2 Gamma Diffractometers
NT2 X-Ray Diffractometers
NT1 Displacement Gages
NT1 Dosemeters
NT2 Albedo-Neutron Dosemeters
NT2 Biological Dosemeters
NT2 Bragg Gray Chambers
NT2 Calorimetric Dosemeters
NT2 Chemical Dosemeters
NT2 Colorimetric Dosemeters
NT2 Condenser Ionization Chambers
NT2 Exoelectron Dosemeters
NT2 Extrapolation Chambers
NT2 Luminescent Dosemeters
NT3 RPL Dosemeters
NT3 Thermoluminescent Dosemeters
NT2 Photographic Film Dosemeters
NT2 RITAC Dosemeters
NT2 RITAD Dosemeters
NT1 Dynamometers
NT1 Electric Measuring Instruments
NT2 Ammeters
NT2 Electrometers
NT2 Electroscopes
NT2 Galvanometers
NT2 Potentiometers
NT2 Power Meters
NT2 Voltmeters
NT1 Ellipsometers
NT1 Flowmeters
NT1 Fluorimeters
NT1 Fluxmeters
NT2 SQUID Devices
NT1 Fuel Gages
NT1 Gas Meters
NT1 Goniometers
NT1 Hydrogen Meters
NT1 Interferometers
NT2 Fabry-Perot Interferometer
NT2 Mach-Zehnder Interferometer
NT2 Michelson Interferometer
NT1 Level Indicators
NT1 Magnetic Balances
NT1 Magnetometers
NT2 Fluxgate Magnetometers
NT2 Moving Coil Magnetometers
NT2 Proton Precession Magnetometers
NT2 Vibrating Sample Magnetometers
NT1 Moisture Gages
NT1 Neutron Activation Analyzers
NT1 Neutron Diffractometers
NT1 Nuclear Reaction Analyzers
NT1 Oxygen Meters
NT1 Penetrometers
NT1 Photometers
NT2 Densitometers
NT1 Porosimeters
NT1 Potentiostats
NT1 Pressure Gages
NT2 Barometers
NT2 Hot-Wire Gages
NT3 Pirani Gages
NT2 Vacuum Gages
NT3 Ionization Gages
NT4 Bayard-Alpert Gages
NT4 Philips Gages
NT4 Radioactive Ionization Gages
NT3 Knudsen Gages
NT3 Mc Leod Gages
NT3 Pirani Gages
NT1 Pyranometers
NT1 Pyrheliometers
NT1 Pyrometers
NT2 Optical Pyrometers
NT1 Radiation Detectors
NT2 Chemical Radiation Detectors
NT2 Cherenkov Counters
NT2 Compton Diode Detectors
NT2 Corona Counters
NT2 Crystal Counters
NT3 Filament Crystal Counters
NT2 Dielectric Track Detectors
NT2 Directional Radiation Detectors
NT2 Electron Multiplier Detectors
NT2 Emanometers
NT2 Flow Counters
NT2 Gas Track Detectors
NT3 Bubble Chambers
NT4 Cryogenic Bubble Chambers
NT4 Heavy Liquid Bubble Chambers
NT4 Ultrasonic Bubble Chambers
NT3 Cloud Chambers
NT4 Diffusion Chambers
NT4 Expansion Chambers
NT3 Spark Chambers

NT4 Filmless Spark Chambers
NT5 Sonic Spark Chambers
NT5 Wire Spark Chambers
NT4 Projection Spark Chambers
NT4 Streamer Spark Chambers
NT4 Wide Gap Spark Chambers
NT2 Geiger-Mueller Counters
NT2 Gravitational Wave Detectors
NT2 Ionization Chambers
NT3 Boron Coated Ion Chambers
NT3 Bragg Gray Chambers
NT3 Condenser Ionization Chambers
NT3 Extrapolation Chambers
NT3 Fission Chambers
NT3 Liquid Ionization Chambers
NT3 Multiwire Ionization Chambers
NT3 Wall-Less Counters
NT2 Low Level Counters
NT2 Neutron Detectors
NT3 Activation Detectors
NT3 BF3 Counters
NT3 Boron Coated Ion Chambers
NT3 Boron Lined Counters
NT3 Fission Chambers
NT3 Fission Foil Detectors
NT3 Fission Thermocouple Detectors
NT3 He-3 Counters
NT3 Moderating Detectors
NT4 Bonner Sphere Detectors
NT4 Long Counters
NT3 Proton Recoil Detectors
NT3 Self-Powered Neutron Detectors
NT3 Threshold Detectors
NT2 Photographic Film Detectors
NT2 Position Sensitive Detectors
NT2 Proportional Counters
NT3 BF3 Counters
NT3 Boron Lined Counters
NT3 He-3 Counters
NT3 Liquid Proportional Counters
NT3 Multiwire Proportional Chambers
NT4 Drift Chambers
NT3 Needle Chambers
NT3 Wall-Less Counters
NT2 Radiometers
NT2 Scintillation Counters
NT3 Gas Scintillation Detectors
NT3 Liquid Scintillation Detectors
NT3 Scintillator-Photodiode Detectors
NT3 Solid Scintillation Detectors
NT4 NaI Detectors
NT4 Plastic Scintillation Detectors
NT2 Secondary Emission Detectors
NT2 Self-Powered Detectors
NT3 Self-Powered Gamma Detectors
NT3 Self-Powered Neutron Detectors
NT2 Semiconductor Detectors
NT3 Bulk Semiconductor Detectors
NT3 CDTE Semiconductor Detectors
NT3 Ge Semiconductor Detectors
NT4 High-Purity GE Detectors
NT4 Li-Drifted Ge Detectors
NT3 HGI2 Semiconductor Detectors
NT3 Junction Detectors
NT4 Li-Drifted Junction Detectors
NT3 Li-Drifted Detectors
NT4 Li-Drifted Ge Detectors
NT4 Li-Drifted Junction Detectors
NT4 Li-Drifted Si Detectors
NT3 Si Semiconductor Detectors
NT4 Li-Drifted Si Detectors
NT3 Surface Barrier Detectors
NT2 Shower Counters
NT2 Spark Counters
NT2 Superconducting Colloid Detectors
NT2 Time Projection Chambers
NT2 Tissue-Equivalent Detectors
NT2 Transition Radiation Detectors
NT2 Whole-Body Counters
NT1 Radiation Monitors
NT2 Exposure Ratemeters
NT2 Liquid Contamination Monitors
NT2 Neutron Monitors
NT2 Surface Contamination Monitors
NT2 Survey Monitors
NT1 Radiometric Gages
NT2 Electron-Capture Detectors
NT1 Range Finders
NT2 Radar
NT3 Optical Radar
NT2 Sonar
NT1 Riometers
NT1 Sedimentometers
NT1 Seismic Arrays
NT2 Seismic Detectors
NT3 Seismographs
NT1 Spectrometers
NT2 Alpha Spectrometers
NT2 Beta Spectrometers
NT2 Cosmic Ray Spectrometers
NT2 Electron Spectrometers
NT2 Electrostatic Spectrometers
NT2 EPR Spectrometers
NT2 Fission Fragment Spectrometers
NT2 Gamma Spectrometers
NT3 Compton Spectrometers
NT3 Moessbauer Spectrometers
NT3 Pair Spectrometers
NT2 Heavy Ion Spectrometers
NT2 Infrared Spectrometers
NT3 Photoacoustic Spectrometers
NT2 Magnetic Spectrometers
NT3 Flat Magnetic Spectrometers
NT3 Magnetic Lens Spectrometers
NT2 Mass Spectrometers
NT3 Dynamic Mass Spectrometers
NT4 Energy Balance Mass Spectrometers
NT3 Spark Mass Spectrometers
NT3 Static Mass Spectrometers
NT2 Missing-Mass Spectrometers
NT2 Multiparticle Spectrometers
NT2 Neutron Spectrometers
NT3 Bonner Sphere Spectrometers
NT2 NMR Spectrometers
NT2 Optical Spectrometers
NT2 Proton Spectrometers
NT2 Time-of-Flight Spectrometers
NT2 Ultraviolet Spectrometers
NT2 X-Ray Spectrometers
NT1 Spectrophotometers
NT1 Strain Gages
NT1 Sulfur Meters
NT1 Tensiometers
NT1 Thermocouples
NT1 Thermometers
NT2 Geothermometers
NT2 Noise Thermometers
NT1 Thickness Gages
NT1 Time Interval Analyzers
NT2 Chronotrons
NT3 Vernier Chronotrons
NT1 Tritium Meters
NT1 Velocimeters
NT1 Viscosimeters
NT1 Weight Indicators
NT2 Balances
NT3 Microbalances
RT Gyroscopes
RT Ionosondes
RT Miniaturization
RT Nisus Facility
RT On-Line Measurement Systems
RT Probes
RT Reactor Instrumentation
RT Recording Systems
RT Response Functions
RT Temperature Measurement
RT Time Measurement
RT Transducers

MEASURING METHODS [01]
(Important new measuring techniques only.)
RT Calculation Methods
RT Comparative Evaluations
RT Dosimetry
RT Frequency Measurement
RT Particle Discrimination
RT Stern-Gerlach Experiment

MEAT [01]
UF *Bacon*
UF *Beef*
UF *Ham*
UF *Pork*
BT1 Food
RT Cattle
RT Sheep
RT Swine
RT Trichinella

MEAT INDUSTRY
DA June 1977
BT1 Food Industry
BT2 Industry

MECHANICAL DECLADDING [01]
BT1 Decladding
BT2 Head End Processes
RT Cutting
RT Milling

MECHANICAL DRAFT COOLING TOWERS
DA February 1975
UF *Forced Draft Cooling Towers*
BT1 Cooling Towers
RT Cooling
RT Forced Convection
RT Heat Exchangers

MECHANICAL EFFECTS
DA April 1975
RT Mechanical Properties

MECHANICAL EFFICIENCY [01]
BT1 Efficiency

MECHANICAL ENERGY STORAGE EQUIPMENT
DA August 1979
NT1 Flywheels
NT1 Hydraulic Accumulators
RT Energy Storage

MECHANICAL FILTERS [01]
BT1 Filters
NT1 Granular Bed Filters

MECHANICAL HEART [01]
BT1 Prostheses
BT2 Medical Supplies
RT Artificial Organs
RT Blood Circulation
RT Cardiac Pacemakers
RT Heart
RT Radioisotope Batteries

MECHANICAL IMPEDANCE [01]
DA December 1975
BT1 Impedance

MECHANICAL KIDNEY
DA June 1977
BT1 Artificial Organs
BT1 Kidneys
BT2 Organs
BT3 Body
BT1 Prostheses
BT2 Medical Supplies
RT Dialysis
RT Urinary Tract

MECHANICAL POLISHING [01]
BT1 Polishing
BT2 Surface Finishing

MECHANICAL PROPERTIES [01]
UF *Properties (Mechanical)*
NT1 Brittleness
NT1 Compressibility
NT1 Compression Strength
NT1 Creep
NT1 Fatigue
NT2 Corrosion Fatigue
NT2 Thermal Fatigue
NT1 Flexural Strength
NT1 Fracture Properties
NT1 Hardness
NT2 Microhardness
NT1 Impact Strength

NT1 Plasticity
NT1 Shear Properties
NT1 Tensile Properties
NT2 Ductility
NT2 Elasticity
NT3 Poisson Ratio
NT3 Thermoelasticity
NT3 Young Modulus
NT2 Flexibility
NT1 Wear Resistance
NT1 Yield Strength
RT Destructive Testing
RT Mechanical Effects
RT Physical Metallurgy
RT Stresses

MECHANICAL STRUCTURES [01]
UF *Columns (Mechanical)*
UF *Structures (Mechanics)*
UF *Towers (Structures)*
NT1 Bellows
NT1 Bridges
NT1 Honeycomb Structures
NT1 Intake Structures
NT1 Outlet Structures
NT1 Power Transmission Towers
NT1 Supports
NT2 Catalyst Supports
NT2 Foundations
NT2 Fuel Racks
NT2 Powered Supports
RT Buildings
RT Construction
RT Ratcheting
RT Response Functions
RT Shells

MECHANICAL TESTS [01]
(See also the properties tested.)
BT1 Materials Testing
BT2 Testing
NT1 Impact Tests
RT Dynamic Loads
RT Static Loads
RT Strain Gages
RT Stress Intensity Factors
RT Stresses
RT Thermal Cycling
RT Wear

MECHANICAL TRANSMISSIONS
DA May 1975
BT1 Machine Parts
RT Automobiles
RT Gears
RT Vehicles

MECHANICAL VIBRATIONS [01]
UF *Vibrations (Mechanical)*
RT Amplitudes
RT Damping
RT Harmonics
RT Hydrodynamic Mass Effect
RT Oscillations
RT Springs
RT Standing Waves
RT Travelling Waves

MECHANICS [01]
NT1 Classical Mechanics
NT1 Dynamics
NT1 Electromechanics
NT1 Fluid Mechanics
NT2 Aerodynamics
NT2 Electrogasdynamics
NT2 Friction Factor
NT2 Hydraulics
NT2 Hydrodynamics
NT3 Electrohydrodynamics
NT3 Magnetohydrodynamics
NT2 Magnetogasdynamics
NT2 Pneumatics
NT1 Quantum Mechanics
NT1 Statistical Mechanics
RT Canonical Transformations
RT Center-of-Mass System
RT Equations of Motion
RT Galilei Transformations
RT Hamilton-Jacobi Equations
RT Harmonic Oscillators
RT Kinetics
RT Laboratory System
RT Lagrange Equations
RT Lagrangian Function
RT Moment of Inertia
RT Physical Metallurgy
RT Surface Forces
RT Virial Theorem

MEDIASTINUM [01]
BT1 Chest
BT2 Body Areas
BT3 Body
RT Aorta
RT Esophagus
RT Heart
RT Pleura
RT Thymus
RT Trachea

MEDICAL CENTERS
DA December 1977
NT1 Hospitals
RT Buildings
RT Health Services
RT Public Health

MEDICAL EXAMINATIONS [01]
DA July 1978
RT Diagnosis

MEDICAL PERSONNEL [01]
BT1 Professional Personnel
BT2 Personnel
RT Medicine
RT Radiological Personnel

MEDICAL RECORDS [01]
DA May 1979
RT Medical Surveillance

MEDICAL SUPPLIES [01]
NT1 Prostheses
NT2 Mechanical Heart
NT2 Mechanical Kidney
NT1 Surgical Materials
RT Drugs
RT Isomed
RT Medicine

MEDICAL SURVEILLANCE [01]
DA June 1975
RT Contamination
RT Delayed Radiation Effects
RT Dose Commitments
RT Medical Records
RT Personnel
RT Personnel Monitoring
RT Preventive Medicine
RT Radiation Doses

MEDICINAL PLANTS [01]
BT1 Plants
NT1 Aloe
NT1 Atropa Belladonna
NT1 Castor
NT1 Digitalis
NT1 Papaver Somniferum
RT Alkaloids
RT Drugs

MEDICINE [01]
UF *Internal Medicine*
NT1 Balneology
NT1 Dentistry
NT1 Gynecology
NT1 Hematology
NT1 Industrial Medicine
NT1 Neurology
NT1 Nuclear Medicine
NT2 Radiology
NT3 Biomedical Radiography
NT4 Fluoroscopy
NT4 Ionographic Imaging
NT4 Osteodensitometry
NT3 Radiotherapy
NT4 Afterloading
NT4 Neutron Capture Therapy
NT4 Neutron Therapy
NT1 Ophthalmology
NT1 Pediatrics
NT1 Preventive Medicine
NT1 Surgery
NT2 Adrenalectomy
NT2 Castration
NT2 Gastrectomy
NT2 Hepatectomy
NT2 Hypophysectomy
NT2 Nephrectomy
NT2 Plastic Surgery
NT2 Splenectomy
NT2 Thymectomy
NT2 Thyroidectomy
NT1 Tropical Medicine
NT1 Veterinary Medicine
RT Anesthesia
RT Biology
RT Diagnosis
RT Diagnostic Techniques
RT Hospitals
RT Medical Personnel
RT Medical Supplies
RT Pathology
RT Patients
RT Therapy
RT WHO

Medicines
USE Drugs

MEDITERRANEAN SEA [01]
BT1 Seas
BT2 Surface Waters
NT1 Adriatic Sea
RT Aegean Sea
RT Cyprus

MEDIUM-BETA PLASMA [01]
(Beta from 0.01 to 0.1.)
BT1 Plasma
RT Beta Ratio

MEDIUM-HEAD HYDROELECTRIC POWER PLANTS
(Prior to August 1978 HYDROELECTRIC POWER PLANTS was used.)
DA August 1978
BT1 Hydroelectric Power Plants
BT2 Power Plants
DEF Heads of 50 to 500 ft.

MEDIUM PRESSURE [01]
UF *Pressure (0001-0100 Atm)*
RT Pressure Dependence

MEDIUM TEMPERATURE [01]
UF *Temperature (0273-0400 K)*
RT Temperature Dependence

MEDIUM VACUUM [01]
UF *Pressure (1-10(-3) Torr)*
UF *Vacuum (1-10(-3) Torr)*
UF *Very Low Pressure*
RT Cryopumps
RT Pressure Dependence
RT Turbomolecular Pumps
RT Vacuum Pumps

MEDIUM WAVE RADIATION [01]
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

MEETINGS [01]
UF *Conferences*
UF *Symposia*
RT Hearings
RT Proceedings

MEG [01]
UF *Mercaptoethylguanidine*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

MEGA AMP BEAM CURRENTS [01]
(Above 10^6 amperes.)
DA July 1976
BT1 Beam Currents
BT2 Currents

Megakaryocytes
USE Bone Marrow Cells

MEGALOBLASTIC ANEMIA [01]
BT1 Anemias
BT2 Hemic Diseases
BT3 Diseases
BT2 Symptoms
RT Erythrocytes

MEGATRON [01]
BT1 Linear Pinch Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices

Mehrzweck-Forschungsreaktor
USE MZFR Reactor

MEIOSIS [01]
BT1 Cell Division
RT Crossing-Over
RT Gametogenesis
RT Mutations

MEISSNER-OCHSENFELD EFFECT [01]
RT Superconductivity

MELAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Triazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Organic Polymers

MELANIN [01]
UF+ *Melanocytes*
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Pigments
RT Hair
RT Skin
RT Tyrosine

Melanocytes
USE Animal Cells
AND Melanin

MELANOMAS [01]
BT1 Neoplasms
BT2 Diseases

MELANOVANADITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

MELATONIN [01]
BT1 Tryptamines
BT2 Amines
BT3 Organic Compounds
BT2 Indoles
BT3 Pyrroles
BT4 Azoles
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
RT Pineal Gland

Melekess-ARBUS Reactor
USE ARBUS Reactor

Melekess-MIR Reactor
USE MIR Reactor

Melekess-SM-2 Reactor
USE SM-2 Reactor

MELIBIOSE [01]
BT1 Disaccharides
BT2 Oligosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

MELILOTIC ACID [01]
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

MELLIN TRANSFORM [01]
BT1 Integral Transformations
BT2 Transformations

MELLITIC ACID [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds

MELOSH TRANSFORMATION [01]
RT Hadrons
RT Quantum Field Theory
RT Quarks

MELTDOWN [01]
BT1 Reactor Accidents
BT2 Accidents
RT Core Catchers
RT Corium

MELTING [01]
UF *Fusion (Melting)*
BT1 Phase Transformations
NT1 Electron Beam Melting
NT1 Vacuum Melting
NT1 Zone Melting
RT Casting
RT Crucibles
RT Furnaces
RT Heating
RT Melting Points
RT Metallurgical Flux
RT Smelting
RT Solidification
RT Subterrene Penetrators
RT Thawing
RT Welding

MELTING POINTS [01]
UF *Freezing Points*
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Freeze Protection
RT Melting
RT Phase Diagrams

MELUSINE-1 REACTOR [01]
UF *Grenoble Reactor Melusine-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Melusine-2 Reactor
USE Siloette Reactor

MEMBER STATES [01]
(Countries participating in an international organization.)
DA April 1975
RT International Organizations

MEMBRANE TRANSPORT
DA March 1976
RT Diffusion
RT Mass Transfer
RT Membranes
RT Osmosis

MEMBRANES [01]
UF+ *Ion Exchange Membranes*
NT1 Cell Membranes
NT1 Fetal Membranes
NT2 Placenta
NT1 Meninges
NT1 Serous Membranes
NT2 Mesentery
NT2 Pericardium
NT2 Peritoneum
NT2 Pleura
RT Dialysis
RT Membrane Transport
RT Osmosis
RT Permeability

MEMORY DEVICES [01]
UF *Data Storage Devices*
UF *Storage Devices (Data)*
NT1 Cryogenic Storage Devices
NT1 Magnetic Storage Devices
NT2 Magnetic Cores
NT2 Magnetic Disks
NT2 Magnetic Drums
NT2 Magnetic Tapes
NT1 Semiconductor Storage Devices
NT1 Thin Film Storage Devices
RT Punched Cards
RT Punched Tapes

MEN [01]
BT1 Males
BT1 Man
BT2 Primates
BT3 Mammals
BT4 Vertebrates
BT5 Animals
RT Adults

Mendeleev Periodic System
USE Periodic System

MENDELEVIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

MENDELEVIUM 248
DA February 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MENDELEVIUM 249 [01]
DA February 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MENDELEVIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MENDELEVIUM 251 [01]
DA February 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MENDELEVIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MENDELEVIUM 253 [01]
DA November 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MENDELEVIUM 254 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MENDELEVIUM 255 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MENDELEVIUM 256 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MENDELEVIUM 257 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MENDELEVIUM 258 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

MENDELEVIUM 259 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Mendelevium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

MENDELEVIUM ADDITIONS
DA April 1975
RT Mendelevium Compounds

MENDELEVIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Mendelevium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

MENDELEVIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

MENDELEVIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Mendelevium Carbides
NT1 Mendelevium Nitrides
NT1 Mendelevium Oxides
NT1 Mendelevium Sulfides
RT Mendelevium Additions

MENDELEVIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

MENDELEVIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Mendelevium 248
NT1 Mendelevium 249
NT1 Mendelevium 250
NT1 Mendelevium 251
NT1 Mendelevium 252
NT1 Mendelevium 253
NT1 Mendelevium 254
NT1 Mendelevium 255
NT1 Mendelevium 256
NT1 Mendelevium 257
NT1 Mendelevium 258
NT1 Mendelevium 259

MENDELEVIUM NITRIDES [01]
BT1 Mendelevium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

MENDELEVIUM OXIDES [01]
BT1 Mendelevium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

MENDELEVIUM SULFIDES [01]
BT1 Mendelevium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

MENDELSSOHN MODEL [01]
RT Superconductivity

MENDOCINO-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

MENDOCINO-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

MENDOZA [01]
BT1 Argentina
BT2 South America
BT3 Latin America

MENINGES [01]
BT1 Membranes
RT Central Nervous System
RT Meningococcus

MENINGOCOCCUS [01]
BT1 Bacteria
BT2 Microorganisms
RT Meninges
RT Nervous System Diseases

MENOPAUSE [01]
RT Age Dependence
RT Estrous Cycle
RT Fertility
RT Menstruation Disorders

Menorrhagia
USE Menstruation Disorders

MENSTRUATION DISORDERS [01]
UF *Amenorrhea*
UF *Menorrhagia*
BT1 Urogenital System Diseases
BT2 Diseases
RT Estrous Cycle
RT Female Genitals
RT Menopause
RT Reproductive Disorders

MENTAL DISORDERS [01]
UF *Psychoses*
BT1 Nervous System Diseases
BT2 Diseases
RT Behavior
RT Brain
RT Psychotropic Drugs

MERC PROCESS
DA July 1978
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Packed Bed
DEF Fixed bed, high pressure gasification using stirring for use with caking coals.

Mercamine
USE MEA

Mercaptans
USE Thiols

Mercaptoalanine-Beta
USE Cysteine

Mercaptoaminoisovaleric Acid
USE Penicillamine

Mercaptoethylamine
USE MEA

Mercaptoethylguanidine
USE MEG

MERCAPTOPROPYLAMINE [01]
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

MERCAPTOPURINE [01]
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

Mercaptovaline
USE Penicillamine

MERCURY [01]
BT1 Metals
BT2 Elements

MERCURY 177 [01]
DA August 1976
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 178 [01]
DA January 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 179 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 180 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 181 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 182 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 183 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 184 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 185 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 186 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 187 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 188 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 189 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 190 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 191 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 192 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes

MERCURY 193 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes

MERCURY 194 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 195 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes

MERCURY 196 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 197 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes

MERCURY 198 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 199 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 200 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 201 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 202 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 203 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 204 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MERCURY 205 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 206 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MERCURY 207 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 208 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 209 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 210 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 211 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY 212 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Mercury Isotopes

MERCURY ADDITIONS [01]
BT1 Mercury Alloys
BT2 Alloys

MERCURY ALLOYS [01]
UF *Amalgams*
BT1 Alloys
NT1 Mercury Additions
NT1 Mercury Base Alloys

MERCURY BASE ALLOYS [01]
BT1 Mercury Alloys
BT2 Alloys

MERCURY BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Mercury Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Mercury Compounds

MERCURY CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Mercury Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Mercury Compounds

MERCURY COMPLEXES [01]
BT1 Complexes

MERCURY COMPOUNDS [01]
NT1 Mercury Halides
NT2 Mercury Bromides
NT2 Mercury Chlorides
NT2 Mercury Fluorides
NT2 Mercury Iodides
NT1 Mercury Nitrates
NT1 Mercury Oxides
NT1 Mercury Perchlorates
NT1 Mercury Selenides
NT1 Mercury Sulfates
NT1 Mercury Sulfides
NT2 Cinnabar
NT1 Mercury Tellurides

MERCURY COOLED REACTORS [01]
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 Clementine Reactor
NT1 SBR-2 Reactor

MERCURY FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Mercury Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Mercury Compounds

MERCURY HALIDES
DA February 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Mercury Compounds
NT1 Mercury Bromides
NT1 Mercury Chlorides
NT1 Mercury Fluorides
NT1 Mercury Iodides

MERCURY IODIDES [01]
BT1 Iodides

BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Mercury Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Mercury Compounds

MERCURY IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

MERCURY ISOTOPES [01]
NT1 Mercury 177
NT1 Mercury 178
NT1 Mercury 179
NT1 Mercury 180
NT1 Mercury 181
NT1 Mercury 182
NT1 Mercury 183
NT1 Mercury 184
NT1 Mercury 185
NT1 Mercury 186
NT1 Mercury 187
NT1 Mercury 188
NT1 Mercury 189
NT1 Mercury 190
NT1 Mercury 191
NT1 Mercury 192
NT1 Mercury 193
NT1 Mercury 194
NT1 Mercury 195
NT1 Mercury 196
NT1 Mercury 197
NT1 Mercury 198
NT1 Mercury 199
NT1 Mercury 200
NT1 Mercury 201
NT1 Mercury 202
NT1 Mercury 203
NT1 Mercury 204
NT1 Mercury 205
NT1 Mercury 206
NT1 Mercury 207
NT1 Mercury 208
NT1 Mercury 209
NT1 Mercury 210
NT1 Mercury 211
NT1 Mercury 212

MERCURY NITRATES [01]
BT1 Mercury Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

MERCURY OXIDES [01]
BT1 Mercury Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

MERCURY PERCHLORATES
DA March 1978
BT1 Mercury Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

MERCURY PLANET [01]
BT1 Planets

MERCURY SELENIDES [01]
DA April 1975
BT1 Mercury Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

MERCURY SULFATES [01]
BT1 Mercury Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

MERCURY SULFIDES [01]
BT1 Mercury Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
NT1 Cinnabar

MERCURY 198 TARGET [01]
DA July 1976
BT1 Targets

MERCURY 199 TARGET [01]
DA July 1976
BT1 Targets

MERCURY 200 TARGET [01]
DA July 1976
BT1 Targets

MERCURY 201 TARGET [01]
DA July 1976
BT1 Targets

MERCURY 202 TARGET [01]
DA July 1976
BT1 Targets

MERCURY 204 TARGET [01]
DA July 1976
BT1 Targets

MERCURY TELLURIDES [01]
DA January 1975
BT1 Mercury Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

MERISTEMS [01]
UF *Cambium*
BT1 Plant Tissues

Merlin-Juelich Reactor
USE FRJ-1 Reactor

MERLIN REACTOR [01]
UF *Aldermaston Reactor Merlin*
UF *UKAEA-Merlin Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

MERONS
DA October 1978
BT1 Quasi Particles
RT Instantons
DEF Localized field configurations which possess one-half unit of topological charge and an action which diverges as the logarithm of the volume of space - time, and dominating the large distance structure of quantum chromodynamics. Merons may be mechanism leading to quark confinement.

MESENTERY [01]
UF *Omentum*
BT1 Serous Membranes
BT2 Membranes
RT Peritoneum
RT Small Intestine

MESIC ATOMS [01]
UF *Mesoatoms*
BT1 Hadronic Atoms
BT2 Atoms
NT1 Kaonic Atoms
NT1 Pionic Atoms
RT Mesic Molecules
RT Mesons
RT Muonic Atoms

MESIC MOLECULES [01]
BT1 Molecules
RT Mesic Atoms
RT Mesons
RT Muonic Molecules

MESITYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

MESITYLENE [01]
UF *1,3,5-Trimethylbenzene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Mesoatoms
USE Mesic Atoms

Mesocricetus
USE Hamsters

MESODIALYTE [01]
BT1 Minerals
BT1 Niobium Silicates
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Rare Earth Compounds
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds
RT Feldspars

MESON-BARYON INTERACTIONS [01]
BT1 Hadron-Hadron Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Kaon-Deuteron Interactions
NT1 Meson-Hyperon Interactions
NT2 Kaon-Hyperon Interactions
NT2 Pion-Hyperon Interactions
NT1 Meson-Nucleon Interactions
NT2 Kaon-Nucleon Interactions
NT3 Kaon-Neutron Interactions
NT4 Kaon Minus-Neutron Interactions
NT4 Kaon Neutral-Neutron Interactions
NT4 Kaon Plus-Neutron Interactions
NT3 Kaon-Proton Interactions
NT4 Kaon Minus-Proton Interactions
NT4 Kaon Neutral-Proton Interactions
NT4 Kaon Plus-Proton Interactions
NT2 Pion-Nucleon Interactions
NT3 Pion-Neutron Interactions
NT4 Pion Minus-Neutron Interactions
NT4 Pion Neutral-Neutron Interactions
NT4 Pion Plus-Neutron Interactions
NT3 Pion-Proton Interactions
NT4 Pion Minus-Proton Interactions
NT4 Pion Neutral-Proton Interactions
NT4 Pion Plus-Proton Interactions
NT1 Pion-Deuteron Interactions

MESON BEAMS [01]
BT1 Particle Beams
BT2 Beams
NT1 Eta Meson Beams
NT1 Kaon Beams
NT1 Pion Beams

Meson-Deuteron Interactions
USE Deuterium Target

AND Meson Reactions

Meson Exchange
DA February 1979
USE Boson-Exchange Models

MESON FACTORIES [01]
BT1 Accelerators
NT1 LAMPF Linac

MESON-HYPERON INTERACTIONS [01]
BT1 Meson-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Kaon-Hyperon Interactions
NT1 Pion-Hyperon Interactions

MESON-MESON INTERACTIONS [01]
BT1 Hadron-Hadron Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Kaon-Kaon Interactions
NT1 Pion-Kaon Interactions
NT1 Pion-Pion Interactions

MESON NONETS [01]
BT1 Particle Multiplets
BT2 Multiplets
RT Pseudoscalar Mesons
RT Tensor Mesons
RT Vector Mesons

MESON-NUCLEON INTERACTIONS [01]
BT1 Meson-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Kaon-Nucleon Interactions
NT2 Kaon-Neutron Interactions
NT3 Kaon Minus-Neutron Interactions
NT3 Kaon Neutral-Neutron Interactions
NT3 Kaon Plus-Neutron Interactions
NT2 Kaon-Proton Interactions
NT3 Kaon Minus-Proton Interactions
NT3 Kaon Neutral-Proton Interactions
NT3 Kaon Plus-Proton Interactions
NT1 Pion-Nucleon Interactions
NT2 Pion-Neutron Interactions
NT3 Pion Minus-Neutron Interactions
NT3 Pion Neutral-Neutron Interactions
NT3 Pion Plus-Neutron Interactions
NT2 Pion-Proton Interactions
NT3 Pion Minus-Proton Interactions
NT3 Pion Neutral-Proton Interactions
NT3 Pion Plus-Proton Interactions

MESON OCTETS [01]
BT1 Particle Multiplets
BT2 Multiplets

MESON REACTIONS [01]
UF+ *Meson-Deuteron Interactions*
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions
BT1 Hadron Reactions
BT2 Nuclear Reactions
NT1 Kaon Reactions
NT2 Kaon Minus Reactions
NT2 Kaon Neutral Reactions
NT2 Kaon Plus Reactions
NT1 Pion Reactions
NT2 Pion Minus Reactions
NT2 Pion Neutral Reactions
NT2 Pion Plus Reactions

MESON RESONANCES [01]
UF *Delta Resonances (Meson)*
BT1 Mesons
BT2 Bosons
BT2 Hadrons
BT3 Elementary Particles
BT1 Resonance Particles
BT2 Hadrons
BT3 Elementary Particles
NT1 A Resonances
NT2 A1-1070 Resonances
NT2 A2-1310 Resonances
NT2 A4-1960 Resonances
NT2 A2H-1320 Resonances
NT2 A2L-1280 Resonances
NT2 F-1540 Resonances
NT1 B-1235 Resonances
NT1 Baryonium
NT1 Charmed Meson Resonances
NT2 D Resonances
NT3 D-1865 Resonances
NT3 D-2007 Resonances
NT2 F-2030 Resonances
NT2 F*Resonances
NT1 Chi Resonances
NT2 Chi-3455 Resonances
NT2 CHI-3500 Resonances
NT2 CHI-3550 Resonances
NT1 Chi-3410 Resonances
NT1 D-1285 Resonances
NT1 Delta-966 Resonances
NT1 E-1422 Resonances
NT1 Eta-700 Resonances
NT1 Eta-958 Resonances
NT1 Eta-1060 Resonances
NT1 H-2050 Resonances
NT1 Kappa-725 Resonances
NT1 K*Resonances
NT2 K-892 Resonances
NT2 K-1240 Resonances
NT2 K-1320 Resonances
NT2 K-1420 Resonances
NT2 K-1775 Resonances
NT2 K-1871 Resonances
NT2 L-1770 Resonances
NT1 Omega-1675 Resonances
NT1 Omega-1778 Resonances
NT1 Pi-1016 Resonances
NT1 Pi-1640 Resonances
NT1 Q Resonances
NT1 R-1650 Resonances
NT1 Rho-1250 Resonances
NT1 Rho-1500 Resonances
NT1 Rho-1670 Resonances
NT1 Rho-1700 Resonances
NT1 S-1000 Resonances
NT1 S-1930 Resonances
NT1 Sigma-410 Resonances
NT1 T-2200 Resonances
NT1 Tensor Mesons
NT2 A2-1310 Resonances
NT2 F-1260 Resonances
NT2 F-1514 Resonances
NT2 K-1420 Resonances
NT1 U-2375 Resonances
NT1 Upsilon Resonances
NT2 Upsilon-9500 Resonances
NT2 Upsilon-10500 Resonances
NT1 Vector Mesons
NT2 K-892 Resonances
NT2 Omega-784 Resonances
NT2 Phi-1019 Resonances
NT2 Psi Resonances
NT3 Psi-3105 Resonances
NT3 Psi-3695 Resonances
NT3 PSI-3772 Resonances
NT3 PSI-4028 Resonances
NT3 Psi-4100 Resonances
NT3 Psi-4300 Resonances
NT3 PSI-4414 Resonances
NT2 Rho-765 Resonances
NT2 Rho-1600 Resonances
NT1 X-2830 Resonances
RT Missing Mass

MESON SPECTROSCOPY [01]
BT1 Spectroscopy
RT Mesons

MESONS [01]
BT1 Bosons
BT1 Hadrons
BT2 Elementary Particles
NT1 Antimesons
NT2 Pseudoscalar Antimesons
NT3 Antikaons
NT4 Antikaons Neutral
NT1 Meson Resonances
NT2 A Resonances
NT3 A1-1070 Resonances
NT3 A2-1310 Resonances
NT3 A4-1960 Resonances
NT3 A2H-1320 Resonances
NT3 A2L-1280 Resonances
NT3 F-1540 Resonances
NT2 B-1235 Resonances
NT2 Baryonium
NT2 Charmed Meson Resonances
NT3 D Resonances
NT4 D-1865 Resonances
NT4 D-2007 Resonances
NT3 F-2030 Resonances
NT3 F*Resonances
NT2 Chi Resonances
NT3 Chi-3455 Resonances
NT3 CHI-3500 Resonances
NT3 CHI-3550 Resonances
NT2 Chi-3410 Resonances
NT2 D-1285 Resonances
NT2 Delta-966 Resonances
NT2 E-1422 Resonances
NT2 Eta-700 Resonances
NT2 Eta-958 Resonances
NT2 Eta-1060 Resonances
NT2 H-2050 Resonances
NT2 Kappa-725 Resonances
NT2 K*Resonances
NT3 K-892 Resonances
NT3 K-1240 Resonances
NT3 K-1320 Resonances
NT3 K-1420 Resonances
NT3 K-1775 Resonances
NT3 K-1871 Resonances
NT3 L-1770 Resonances
NT2 Omega-1675 Resonances
NT2 Omega-1778 Resonances
NT2 Pi-1016 Resonances
NT2 Pi-1640 Resonances
NT2 Q Resonances
NT2 R-1650 Resonances
NT2 Rho-1250 Resonances
NT2 Rho-1500 Resonances
NT2 Rho-1670 Resonances
NT2 Rho-1700 Resonances
NT2 S-1000 Resonances
NT2 S-1930 Resonances
NT2 Sigma-410 Resonances
NT2 T-2200 Resonances
NT2 Tensor Mesons
NT3 A2-1310 Resonances
NT3 F-1260 Resonances
NT3 F-1514 Resonances
NT3 K-1420 Resonances
NT2 U-2375 Resonances
NT2 Upsilon Resonances
NT3 Upsilon-9500 Resonances
NT3 Upsilon-10500 Resonances
NT2 Vector Mesons
NT3 K-892 Resonances
NT3 Omega-784 Resonances
NT3 Phi-1019 Resonances
NT3 Psi Resonances
NT4 Psi-3105 Resonances
NT4 Psi-3695 Resonances
NT4 PSI-3772 Resonances
NT4 PSI-4028 Resonances
NT4 Psi-4100 Resonances
NT4 Psi-4300 Resonances
NT4 PSI-4414 Resonances
NT3 Rho-765 Resonances
NT3 Rho-1600 Resonances
NT2 X-2830 Resonances
NT1 Pomeranchuk Particles
NT1 Pseudoscalar Mesons
NT2 Eta Mesons
NT2 Eta-958 Resonances
NT2 Kaons
NT3 Antikaons
NT4 Antikaons Neutral
NT3 Cosmic Kaons
NT3 Kaons Minus
NT3 Kaons Neutral
NT4 Antikaons Neutral

NT4 Kaons Neutral Long-Lived
NT4 Kaons Neutral Short-Lived
NT3 Kaons Plus
NT2 Omega-1675 Resonances
NT2 Pions
NT3 Cosmic Pions
NT3 Pions Minus
NT3 Pions Neutral
NT3 Pions Plus
NT2 Pseudoscalar Antimesons
NT3 Antikaons
NT4 Antikaons Neutral
NT1 Scalar Mesons
RT Mesic Atoms
RT Mesic Molecules
RT Meson Spectroscopy

MESOPHILIC CONDITIONS
DA May 1977
RT Anaerobic Digestion
RT Fermentation
RT Thermophilic Conditions
DEF Temperature range centered at 40°C favoring the growth of certain bacteria.

MESOSPHERE [01]
BT1 Earth Atmosphere

MESOZOIC ERA
DA October 1977
BT1 Geologic Ages
NT1 Cretaceous Period
NT1 Jurassic Period
NT1 Triassic Period

MESSENGER-RNA [01]
BT1 RNA
BT2 Nucleic Acids
BT3 Organic Compounds
RT Transcription

METABOLIC DISEASES [01]
UF *Obesity*
BT1 Diseases
RT Biochemical Reaction Kinetics
RT Diabetes Mellitus
RT Metabolism

Metabolic Pathways
DA December 1978
USE Biological Pathways

METABOLISM [01]
NT1 Anabolism
NT1 Basal Metabolism
NT1 Catabolism
RT Biochemical Reaction Kinetics
RT Biochemistry
RT Biological Functions
RT Biosynthesis
RT Coenzymes
RT Diabetes Mellitus
RT Enzyme Activity
RT Enzymes
RT Fasting
RT Glucagon
RT Growth
RT Hypothalamus
RT Insulin
RT Krebs Cycle
RT Labelled Pool Techniques
RT Liver
RT Metabolic Diseases
RT Metabolites
RT Molecular Biology
RT Nitrogen Cycle
RT Nitrogen Fixation
RT Physiology
RT Precursor
RT Radionuclide Kinetics
RT Renal Clearance
RT Respiration
RT Thermoregulation
RT Thyroid Hormones
RT Vitamins

METABOLITES [01]
DA September 1977
RT Carboxylic Acids
RT Krebs Cycle
RT Metabolism
DEF A product of intermediate metabolism.

Metacercariae
USE Larvae

Metagalaxy
USE Universe

Metal Castings
DA May 1975
USE Castings

METAL-GAS BATTERIES
DA January 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems
NT1 Cadmium-Air Batteries
NT1 Iron-Air Batteries
NT1 Lithium-Chlorine Batteries
NT1 Lithium-Water-Air Batteries
NT1 Nickel-Hydrogen Batteries
NT1 Zinc-Air Batteries
NT1 Zinc-Chlorine Batteries
RT Fuel Cells

METAL INDUSTRY
DA April 1975
BT1 Industry
RT Ceramics Industry
RT Metals
RT Mineral Industry
RT Scrap Metals

METAL-METAL BATTERIES
DA January 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems

METAL-METAL OXIDE BATTERIES
DA February 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems
NT1 Iron-Nickel Batteries
NT1 Nickel-Cadmium Batteries
NT1 Nickel-Zinc Batteries
NT1 Silver-Cadmium Batteries
NT1 Silver-Zinc Batteries
NT1 Zinc-Manganese Batteries

METAL MODERATED REACTORS [01]
BT1 Reactors
NT1 Beryllium Moderated Reactors
NT2 Agata Reactor
NT2 BR-02 Reactor
NT2 EBOR Reactor
NT2 ITR Reactor
NT2 Maria Reactor
NT2 Nuclear Furnace Reactor

METAL-NONMETAL BATTERIES
DA January 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems
NT1 Lithium-Copper Chloride Batteries
NT1 Lithium-Sulfur Batteries
NT1 Sodium-Sulfur Batteries
NT1 zinc-bromine batteries

Metal Spraying
USE Spray Coating

METAL TRANSFER PROCESS [01]
BT1 Separation Processes
RT Molten Salt Reactors

Metal-Water Reactions
DA April 1977
USE Molten Metal-Water Reactions

METALLOGRAPHY [01]
(Limited to the branch of metallurgy concerned with the preparation and examination of the surface of metals.)
RT Etching
RT Fractography
RT Materials Testing
RT Microscopy
RT Microstructure
RT Photomicrography
RT Polishing
RT Surface Finishing

Metalloids
USE Semimetals

METALLURGICAL EFFECTS
DA January 1975
UF *Alloying Effects*
RT Metallurgy

METALLURGICAL FLUX [01]
UF *Flux (Metallurgy)*
RT Melting
RT Welding

METALLURGY [01]
(Use of a more specific term is recommended; see also EXTRACTIVE METALLURGY or FABRICATION.)
NT1 Electrometallurgy
NT1 Extractive Metallurgy
NT2 Hydrometallurgy
NT2 Pyrometallurgy
NT3 Chloride Volatility Process
NT3 Fluoride Volatility Process
NT1 Physical Metallurgy
NT1 Powder Metallurgy
RT Metallurgical Effects
RT Zone Refining

METALS [01]
BT1 Elements
*NT1 Actinides
*NT1 Alkali Metals
*NT1 Alkaline Earth Metals
NT1 Aluminium
NT1 Antimony
NT1 Bismuth
NT1 Cadmium
NT1 Gallium
NT1 Germanium
NT1 Indium
NT1 Lead
NT1 Liquid Metals
NT1 Mercury
NT1 Polonium
*NT1 Rare Earths
NT1 Refractory Metals
NT2 Hafnium
NT3 Hafnium-Alpha
NT3 Hafnium-Beta
NT2 Iridium
NT2 Molybdenum
NT2 Niobium
NT3 Niobium-Alpha
NT3 Niobium-Beta
NT2 Osmium
NT2 Rhenium
NT3 Rhenium Silicides
NT2 Rhodium
NT2 Ruthenium
NT2 Tantalum
NT2 Technetium
NT2 Tungsten
NT1 Scrap Metals
NT1 Thallium
NT1 Tin
*NT1 Transition Elements
NT1 Zinc
RT Azbel-Kaner Resonance
RT Carbonyls
RT Grueneisen Formula
RT Metal Industry
RT Semimetals
RT Work Functions

METAMORPHIC ROCKS [01]
BT1 Rocks
NT1 Chert
NT1 Marble
NT1 Quartzites
NT1 Shales

NT2 Spent Shales

METAMORPHISM [01]
RT Geology
RT Hydrothermal Stage
RT Tectonics
DEF The mineralogical and structural adjustment of solid rocks to physical and chemical conditions which have been imposed at depth below the surface zones of weathering and cementation, which differ from the conditons under which the rocks in question originated.

METAMORPHOSIS [01]
RT Adults
RT Larvae
RT Ontogenesis
RT Pupae

Metaphase
USE Mitosis

METASTABLE STATES [01]
(For atomic and molecular states only; for nuclear states use ISOMERIC NUCLEI.)
BT1 Excited States
BT2 Energy Levels

METASTASES [01]
RT Neoplasms

METEORIC WATER
DA January 1975
BT1 Ground Water
BT2 Water
BT3 Hydrogen Compounds
BT3 Oxygen Compounds
RT Atmospheric Precipitations
DEF Water contained in or expelled from magma.

METEORITES [01]
NT1 Iron Meteorites
NT1 Stone Meteorites
NT2 Achondrites
NT2 Chondrites
RT Meteoroids
RT Tektites

METEOROIDS [01]
UF *Meteors*
RT Meteorites
RT Solar System

METEOROLOGY [01]
RT Atmospheric Precipitations
RT Buoys
RT Climates
RT Cloud Cover
RT Clouds
RT Condensation Nuclei
RT Earth Atmosphere
RT Seasons
RT Site Selection
RT Storms
RT Temperature Inversions
RT Weather
RT Wind

Meteors
USE Meteoroids

Meter Wave Radiation
USE MHz Range
AND Radiowave Radiation

METHACRYLATES [01]
BT1 Carboxylic Acid Salts
RT Vinyl Monomers

METHACRYLIC ACID [01]
UF *Methacrylic Acid-Alpha*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Polyacrylates
RT Vinyl Monomers

Methacrylic Acid-Alpha
USE Methacrylic Acid

METHACRYLIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
NT1 Methyl Methacrylate
RT Vinyl Monomers

METHADONE HYDROCHLORIDE
DA December 1976
BT1 Narcotics
BT2 Drugs

METHANATION
DA February 1975
BT1 Chemical Reactions
RT JGC Methane-Rich Gas Process
RT Liquid Phase Methanation Process
RT Reduction
RT Shift Processes
RT Synthesis Gas
DEF Preparation of CH_4 from CO and H.

METHANE [01]
UF *Firedamp*
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds
BT1 Cryogenic Fluids
BT2 Fluids
RT Bromoform
RT EMS

Methane Rich Gas Process
DA January 1976
USE JGC Methane-Rich Gas Process

METHANOGENIC BACTERIA
DA March 1978
BT1 Bacteria
BT2 Microorganisms
DEF Bacteria which ferment various organic materials with the production of methane.

METHANOL [01]
UF *Carbinol*
UF *Methyl Alcohol*
UF *Wood Alcohol*
UF+ *Methyl-Fuel*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

METHANOL PLANTS
DA February 1979
BT1 Industrial Plants
RT Chemical Plants
RT Coal Gasification
RT Gasoline Plants

METHEMOGLOBIN [01]
BT1 Hemoglobin
BT2 Globin
BT3 Proteins
BT4 Organic Compounds
BT2 Pigments
BT2 Porphyrins
BT3 Heterocyclic Acids
BT4 Carboxylic Acids
BT5 Organic Acids
BT6 Organic Compounds
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

METHIONINE [01]
UF *Methylmercaptoaminobutyric Acid*
UF *Methylthioaminobutyric Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Lipotropic Factors
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

METHOTREXATE [01]
UF *Amethopterin*
BT1 Antimetabolites
BT2 Antimitotic Drugs
BT3 Drugs

METHOXY RADICALS [01]
BT1 Alkoxy Radicals
BT2 Radicals

Methoxybenzene
USE Anisole

Methyl Alcohol
USE Methanol

METHYL BROMIDE [01]
DA November 1976
BT1 Brominated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Bromine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

METHYL CHLORIDE [01]
DA September 1978
BT1 Chlorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

METHYL ETHER [01]
DA January 1975
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

Methyl Ethyl Diketone
USE 2-3-Pentanedione

METHYL FLUORIDE [01]
DA September 1978
BT1 Fluorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

Methyl-Fuel
(Trademark name for proprietary blend of methanol and controlled amounts of C_2-C_4 alcohols.)
DA May 1976
USE Alcohols
AND Methanol

Methyl Glycocoll
USE Sarcosine

METHYL IODIDE [01]
BT1 Iodinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Iodine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds

METHYL ISOBUTYL KETONE [01]
UF *MIBK*
BT1 Ketones
BT2 Organic Compounds

METHYL METHACRYLATE
DA May 1975

BT1 Methacrylic Acid Esters
BT2 Carboxylic Acid Esters
BT3 Esters
BT4 Organic Compounds

METHYL METHANESULFONATE
DA May 1976
UF *MMS*
BT1 Mutagens
BT1 Sulfonic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

METHYL ORANGE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Indicators
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

Methyl Phenols
USE Cresols

Methyl Phenyl Ether
USE Anisole

Methyl Phenyl Ketone
USE Acetophenone

Methyl Pyridines
USE Picolines

METHYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

METHYL RED [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Indicators

METHYL VIOLET [01]
UF *Crystal Violet*
BT1 Amines
BT2 Organic Compounds
BT1 Triphenylmethane Dyes
BT2 Dyes

Methylacetylene
USE Propyne

METHYLAL [01]
UF *1,2-Dimethoxymethane*
UF *Formal*
UF *Formaldehydedimethylacetal*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Formaldehyde

METHYLAMINE [01]
DA October 1975
BT1 Amines
BT2 Organic Compounds

Methylaminoacetic Acid
USE Sarcosine

METHYLATION [01]
BT1 Chemical Reactions

Methylbenzene
USE Toluene

2-Methylbutadiene
USE Isoprene

3-METHYLCHOLANTHRENE
DA July 1979
BT1 Combustion Products
BT1 Oil Shales
BT2 Bituminous Materials
BT3 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
BT1 Polycyclic Aromatic Hydrocarbons
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydrocarbons
BT3 Organic Compounds

METHYLENE BLUE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Drugs
BT1 Phenothiazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

METHYLENE RADICALS [01]
UF *Methylidene Radicals*
BT1 Radicals

Methylidene Radicals
USE Methylene Radicals

Methylmercaptoaminobutyric Acid
USE Methionine

METHYLMERCURY
DA March 1976
BT1 Organic Mercury Compounds
BT2 Organic Compounds

2-METHYLPROPANE [01]
UF *Isobutane*
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

2-METHYLPROPANOL [01]
UF *Isobutyl Alcohol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

2-METHYLPROPENE [01]
UF *Isobutylene*
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

2-Methylquinoline
USE Quinaldine

Methyltetrahydrofuran
DA February 1975
USE MTHF

Methylthioaminobutyric Acid
USE Methionine

METHYLTHYMOL BLUE [01]
BT1 Indicators
BT1 Triphenylmethane Dyes
BT2 Dyes

5-Methyluracil
USE Thymine

METRIC SYSTEM
DA December 1975
RT SI Units

METRICS [01]
NT1 Kerr Metric
NT1 Schwarzschild Metric
RT Gravitational Fields
RT Mathematical Space
RT Mathematics
RT Matrices
RT Measure Theory
RT Relativity Theory
RT Space-Time
RT Tensors

METRONIDAZOLE [01]
DA January 1975
UF *Flagyl*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Radiosensitizers
BT2 Drugs
BT2 Response Modifying Factors

Metropolitan Areas
USE Urban Areas

MEV RANGE [01]
BT1 Energy Range
NT1 MeV Range 01-10
NT1 MeV Range 10-100
NT1 MeV Range 100-1000

MEV RANGE 01-10 [01]
BT1 MeV Range
BT2 Energy Range

MEV RANGE 10-100 [01]
BT1 MeV Range
BT2 Energy Range

MEV RANGE 100-1000 [01]
BT1 MeV Range
BT2 Energy Range

MEVALONIC ACID [01]
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

MEXAMINE [01]
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Serotonin
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Radioprotective Substances
BT3 Drugs
BT3 Response Modifying Factors
BT2 Sympathomimetics
BT3 Drugs
BT2 Tryptamines
BT3 Amines
BT4 Organic Compounds
BT3 Indoles
BT4 Pyrroles
BT5 Azoles
BT6 Heterocyclic Compounds
BT7 Organic Compounds
BT6 Organic Nitrogen Compounds
BT7 Organic Compounds

MEXICAN ORGANIZATIONS [01]
DA January 1976
BT1 National Organizations

Mexican TRIGA-Mark-3 Reactor
DA January 1975
USE TRIGA-3-Salazar Reactor

MEXICO [01]
BT1 Latin America
BT1 North America
RT Cerro Prieto Geothermal Field

RT OAS
RT Pathe Geothermal Field

MEYERS PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of pyritic sulfur from coal by ferric sulfate leaching.

MFTF DEVICES [01]
(Prior to October 1, 1977, MX Devices was used to index this concept.)
DA October 1977
UF *Mirror Fusion Test Facility*
UF *MX Devices*
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

MFX DEVICE
(Mirror Fusion Experiment.)
DA April 1975
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

MH-1A REACTOR [01]
UF *Floating Nuclear Power Plant-Sturgis*
UF *Sturgis-Floating Nuclear Power Plant*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Mobile Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

MHD CHANNELS [01]
UF *Magnetohydrodynamic Channels*
RT Diffusers
RT MHD Generators
RT MHD Power Plants
RT Plasma Seeding

MHD GENERATOR AERL MARK VI
(Oil-fired MHD test facility at Avco Everett Research Laboratory, Massachusetts.)
DA May 1979
BT1 MHD Generators
BT2 Direct Energy Converters

MHD GENERATOR CDIF
(Coal-fired Component Development and Integration Facility at Butte, Montana.)
DA May 1979
BT1 Coal-Fired MHD Generators
BT2 MHD Generators
BT3 Direct Energy Converters

MHD GENERATOR CFFF
(Coal Fired Flow Facility for MHD generator component testing at Tullahoma, Tenn.)
DA May 1979
UF *CFFF*
BT1 Coal-Fired MHD Generators
BT2 MHD Generators
BT3 Direct Energy Converters

MHD GENERATOR ETF
(DOE coal-fired combined-cycle MHD/steam Engineering Test Facility pilot plant.)
DA May 1979
BT1 Coal-Fired MHD Generators
BT2 MHD Generators
BT3 Direct Energy Converters
BT1 Combined-Cycle Power Plants
BT2 Thermal Power Plants
BT3 Power Plants
BT1 MHD Power Plants
BT2 Power Plants

MHD GENERATOR ETL MARK V
(Gas- or oil-fired MHD test facility at the Electrotechnical Laboratory, Japan.)
DA May 1979
BT1 MHD Generators
BT2 Direct Energy Converters

MHD GENERATOR U-02
(Natural-gas fired MHD test facility in the USSR.)
DA May 1979
BT1 MHD Generators
BT2 Direct Energy Converters

MHD GENERATOR U-25
(Natural-gas fired MHD pilot plant in the USSR.)
DA May 1979
BT1 MHD Generators
BT2 Direct Energy Converters

MHD GENERATOR UTSI
(Coal-fired MHD generator at University of Tennessee Space Institute.)
DA May 1979
BT1 Coal-Fired MHD Generators
BT2 MHD Generators
BT3 Direct Energy Converters

MHD GENERATORS [01]
UF *Faraday Generators*
UF *Hall Generators*
UF *Magnetohydrodynamic Generators*
BT1 Direct Energy Converters
NT1 Closed-Cycle MHD Generators
NT1 Coal-Fired MHD Generators
NT2 MHD Generator CDIF
NT2 MHD Generator CFFF
NT2 MHD Generator ETF
NT2 MHD Generator UTSI
NT1 Disk MHD Generators
NT1 Liquid-Metal MHD Generators
NT1 MHD Generator AERL Mark VI
NT1 MHD Generator ETL Mark V
NT1 MHD Generator U-02
NT1 MHD Generator U-25
NT1 Open-Cycle MHD Generators
NT1 Pulsed MHD Generators
RT End Effects
RT Magnetohydrodynamics
RT MHD Channels
RT MHD Power Plants
RT Plasma Seeding
RT Seed Recovery
RT Vapor Jet Ejectors
RT Vapor Separators

MHD POWER PLANTS
DA April 1975
BT1 Power Plants
NT1 MHD Generator ETF
RT Fossil-Fuel Power Plants
RT Magnetohydrodynamics
RT MHD Channels
RT MHD Generators

MHZ RANGE [01]
UF *Very High Frequency*
UF *Vhf*
UF+ *Meter Wave Radiation*
UF+ *Very High Frequency Radiation*
UF+ *Vhf Radiation*
BT1 Frequency Range
NT1 MHz Range 01-100
NT1 MHz Range 100-1000
RT Radioastronomy

MHZ RANGE 01-100 [01]
BT1 MHz Range
BT2 Frequency Range

MHZ RANGE 100-1000 [01]
UF+ *Decimeter Wave Radiation (3-10Dm)*
UF+ *Uhf Radiation (100-1000 Mhz)*
UF+ *Uhf Radiation (Lower Range)*
UF+ *Ultrahigh Frequency Radiation (100-1000 Mhz)*
UF+ *Ultrahigh Frequency Radiation (Lower Range)*
BT1 MHz Range
BT2 Frequency Range

MI VIDA MINE [01]
BT1 Uranium Mines
BT2 Mines

MIBK
USE Methyl Isobutyl Ketone

MICA [01]
BT1 Minerals
NT1 Biotite
NT1 Muscovite
NT1 Paragonite
RT Dielectric Materials
RT Dielectric Track Detectors

MICE [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

Micellar-Polymer Flooding
DA June 1976
USE Microemulsion Flooding

MICELLAR SYSTEMS
DA August 1975
RT Colloids
RT Microemulsions
RT Molecules
RT Particles
DEF Submicroscopic aggregates of molecules.

MICHELSON INTERFEROMETER [01]
DA April 1977
BT1 Interferometers
BT2 Measuring Instruments

MICHIGAN [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
RT Detroit River
RT Saint Clair River

MICHIGAN STATE TRIGA-MK-1 REACTOR
DA June 1975
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Michigan State University Cyclotrons
USE MSU Cyclotrons

MICRO AMP BEAM CURRENTS [01]
(Below .001 amp.)
BT1 Beam Currents
BT2 Currents

MICROANALYSIS [01]
NT1 Electron Microprobe Analysis
NT1 Proton Microprobe Analysis
RT Impurities
RT Ion Microprobe Analysis

RT Qualitative Chemical Analysis
RT Quantitative Chemical Analysis
RT Trace Amounts

MICROBALANCES [01]
BT1 Balances
BT2 Weight Indicators
BT3 Measuring Instruments

Microbial Flora
USE Microorganisms

Microbial Processes
DA January 1978
SEE Anaerobic Digestion
OR Bioconversion
OR Biodegradation
OR Biophotolysis
OR Fermentation

Microcephaly
USE Malformations

MICROCHANNEL ELECTRON MULTIPLIERS [01]
DA April 1976
BT1 Electron Multipliers
BT2 Electron Tubes

MICROCLINE
DA June 1977
BT1 Feldspars
BT2 Minerals
DEF A white to pale yellow, green, or occasionally red mineral of the feldspar group, like orthoclase or common feldspar in composition, but triclinic in form, $K(AlSi_3O_8)$.

MICROCOCCUS [01]
BT1 Bacteria
BT2 Microorganisms
NT1 Micrococcus Luteus
NT1 Micrococcus Lysodeicticus
NT1 Micrococcus Radiodurans

MICROCOCCUS LUTEUS [01]
DA November 1977
BT1 Micrococcus
BT2 Bacteria
BT3 Microorganisms
RT Nucleases

MICROCOCCUS LYSODEICTICUS [01]
BT1 Micrococcus
BT2 Bacteria
BT3 Microorganisms

MICROCOCCUS RADIODURANS [01]
BT1 Micrococcus
BT2 Bacteria
BT3 Microorganisms

Microcomputers
DA August 1976
USE Microprocessors

MICRODOSIMETRY [01]
BT1 Dosimetry
RT Energy Losses
RT LET
RT Spatial Dose Distributions
RT Wall Effects

MICROEARTHQUAKES
DA April 1975
BT1 Earthquakes
BT2 Seismic Events
RT Aftershocks
DEF An earthquake having a magnitude of two or less on the Richter scale.

MICROELECTRONIC CIRCUITS [01]
DA April 1975
BT1 Electronic Circuits
NT1 Integrated Circuits
RT Microelectronics
RT Printed Circuits

MICROELECTRONICS [01]
RT Electronic Circuits
RT Microelectronic Circuits

MICROEMULSION FLOODING
DA June 1976
SF *Polymer Flooding*
UF *Micellar-Polymer Flooding*
BT1 Miscible-Phase Displacement
BT2 Enhanced Recovery
BT2 Fluid Injection
RT Petroleum
RT Well Stimulation

MICROEMULSIONS
DA July 1976
BT1 Emulsions
BT2 Colloids
BT3 Dispersions
RT Micellar Systems
RT Well Stimulation
DEF Optically isotropic, clear, and stable dispersions of oil, water, surfactant, and cosurfactant; the latter is often an alcohol.

Microflora
USE Microorganisms

MICROHARDNESS [01]
BT1 Hardness
BT2 Mechanical Properties
RT Ceramography

MICRONESIA
DA December 1978
BT1 Oceania
NT1 Marshall Islands
NT2 Bikini
NT2 Eniwetok
DEF Islands of W. Pacific Ocean E. of Phillipines; includes the Mariana, Palau, Caroline, Marshall, and Gilbert Islands.

MICROORGANISMS [01]
UF *Germs (Microorganisms)*
UF *Microbial Flora*
UF *Microflora*
NT1 Autotrophs
NT1 Bacteria
NT2 Actinomyces
NT2 Aerobacter
NT2 Aeromonas
NT2 Azotobacter
NT2 Bacillus
NT3 Bacillus Cereus
NT3 Bacillus Megaterium
NT3 Bacillus Subtilis
NT3 Ferrobacillus Ferrooxidans
NT3 Thiobacillus Ferroxidans
NT3 Thiobacillus Oxidans
NT2 Brucella
NT2 Clostridium
NT3 Clostridium Botulinum
NT3 Clostridium Perfringens
NT2 Coliforms
NT2 Corynebacterium Parvum
NT2 Escherichia Coli
NT2 Haemophilus
NT2 Klebsiella
NT2 Lactobacillus
NT2 Meningococcus
NT2 Methanogenic Bacteria
NT2 Micrococcus
NT3 Micrococcus Luteus
NT3 Micrococcus Lysodeicticus
NT3 Micrococcus Radiodurans
NT2 Mycobacterium
NT3 Mycobacterium Tuberculosis
NT2 Nocardia
NT2 Photosynthetic Bacteria
NT2 Pneumococcus
NT2 Proteus
NT2 Pseudomonas
NT2 Rhodopseudomonas
NT2 Rhodospirillum
NT2 Salmonella
NT3 Salmonella Typhimurium
NT2 Serratia
NT2 Shigella
NT2 Spirochaetes
NT2 Staphylococcus
NT2 Streptococcus
NT2 Streptomyces
NT2 Thermoactinomyces
NT1 Mycoplasma
NT2 Acholeplasma Laidlawii B
NT1 Protozoa
NT2 Amoeba
NT2 Babesidae
NT2 Foraminifera
NT2 Paramecium
NT2 Plasmodium
NT2 Tetrahymena
NT2 Trypanosoma
NT2 Trypanosomes
NT1 Rickettsiae
NT1 Unicellular Algae
NT2 Chlamydomonas
NT2 Chlorella
NT2 Euglena
NT2 Scenedesmus
NT1 Viruses
NT2 Bacteriophages
NT2 Influenza Viruses
NT2 Measles Virus
NT2 Oncogenic Viruses
NT3 Adenovirus
NT3 Leukemia Viruses
NT3 Polyoma Virus
NT2 Polio Virus
NT2 Simian Virus
NT2 Tobacco Mosaic Virus
NT2 Vaccinia Virus
NT1 Yeasts
NT2 Candida
NT2 Saccharomyces
NT3 Saccharomyces Cerevisiae
NT2 Torula
RT Antibiotics
RT Biology
RT Cell Cultures
RT Cytology
RT Infectious Diseases
RT Parasites
RT Pathogens
RT Photoreactivation
RT Virulence

MICROPROCESSORS [01]
DA August 1976
UF *Microcomputers*
RT Array Processors
RT Computers
RT Energy Management Systems

Micropulsations
USE Pulsations

MICRORADIOGRAPHY
DA October 1975
UF *Radiography (Micro)*
RT Biomedical Radiography
RT Industrial Radiography

MICROSCOPES [01]
NT1 Electron Microscopes
NT1 Ion Microscopes
NT1 Optical Microscopes
RT Microscopy

MICROSCOPY [01]
NT1 Electron Microscopy
NT2 Transmission Electron Microscopy
NT1 Ion Microscopy
NT1 Optical Microscopy
RT Ceramography
RT Histological Techniques
RT Histology
RT Metallography
RT Microscopes
RT Morphological Changes
RT Photomicrography

MICROSEC LIVING RADIOISOTOPES
DA April 1975
BT1 Radioisotopes
BT2 Isotopes

NT1 Actinium 216
NT1 Astatine 214
NT1 Astatine 215
NT1 Astatine 216
NT1 Fermium 258
NT1 Francium 217
NT1 Francium 218
NT1 Polonium 213
NT1 Polonium 214
NT1 Radium 217
NT1 Radium 218
NT1 Radon 215
NT1 Radon 216
NT1 Radon 217
NT1 Thorium 217
NT1 Thorium 219
NT1 Thorium 220
RT Half-Life

Microseismic Monitoring
DA October 1978
USE Acoustic Monitoring

MICROSOMES [01]
BT1 Organoids
BT2 Cell Constituents
RT RNA

MICROSPHERES [01]
RT Dispersions
RT Particle Size
RT Radiopharmaceuticals

MICROSPORES [01]
BT1 Spores
RT Pollen

MICROSTRUCTURE [01]
UF+ *Pore Structure*
BT1 Crystal Structure
NT1 Cleavage
NT1 Grain Boundaries
NT1 Grain Density
NT1 Grain Orientation
NT1 Grain Size
NT1 Widmanstaetten Structure
RT Ceramography
RT Crystal Defects
RT Crystal Lattices
RT Inclusions
RT Metallography
RT Phase Diagrams
RT Phase Transformations
RT Solids
RT Twinning

MICROTRONS [01]
BT1 Cyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

MICROWAVE AMPLIFIERS [01]
UF *Electron Cyclotron Masers*
UF *Gyrotrons*
BT1 Amplifiers
BT2 Electronic Equipment
BT1 Microwave Equipment
BT2 Electronic Equipment
NT1 Masers

Microwave Discharges
DA June 1975
USE High-Frequency Discharges

MICROWAVE EQUIPMENT [01]
BT1 Electronic Equipment
NT1 Heterodyne Receivers
NT1 Microwave Amplifiers
NT2 Masers
NT1 Microwave Tubes
NT2 Backward Wave Tubes
NT2 Klystrons
NT2 Magnetrons
NT2 Travelling Wave Tubes
NT1 SQUID Devices
RT Cavity Resonators
RT Microwave Radiation
RT Radio Equipment
RT Superconducting Cavity Resonators
RT Waveguides

MICROWAVE OVENS
DA June 1977
BT1 Electric Appliances
BT2 Appliances

MICROWAVE POWER TRANSMISSION
DA January 1975
BT1 Power Transmission
RT Power Systems
RT Rectennas

MICROWAVE RADIATION [01]
UF *Ehf Radiation*
UF *Extremely High Frequency Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Masers
RT Microwave Equipment
RT Microwave Spectra
RT Signal Distortion
RT Wavelengths

MICROWAVE SPECTRA [01]
BT1 Spectra
RT Microwave Radiation

MICROWAVE TUBES [01]
BT1 Electron Tubes
BT1 Microwave Equipment
BT2 Electronic Equipment
NT1 Backward Wave Tubes
NT1 Klystrons
NT1 Magnetrons
NT1 Travelling Wave Tubes
RT Thermionic Tubes

MICTOMAGNETISM
DA January 1975
BT1 Antiferromagnetism
BT2 Magnetism
BT1 Ferromagnetism
BT2 Magnetism
DEF A property exhibited by some alloys whereby they are superparamagentic.

MID-ATLANTIC REGION
DA July 1978
UF+ *Region II*
NT1 New Jersey
NT1 New York
NT2 New York City

MID-ATLANTIC RIDGE
DA August 1977
RT Atlantic Ocean
RT Geologic Structures

MIDAS COMPUTER [01]
BT1 Computers

MIDDAY AURORAE [01]
BT1 Aurorae
RT Auroral Oval
RT Auroral Zones
RT Charged-Particle Precipitation
RT Electron Precipitation
RT Ionosphere
RT Proton Precipitation

MIDDLE EAST
DA February 1975
NT1 Bahrain
NT1 Cyprus
NT1 Iran
NT1 Iraq
NT1 Israel
NT1 Kuwait
NT1 Lebanon
NT1 Oman
NT1 Qatar
NT1 Syria
NT1 Turkey
RT OAPEC
RT OPEC

MIDDLE GUST EVENT
DA January 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

MIDLAND-1 REACTOR [01]
UF *Consumers Power Company Midland-1*
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MIDLAND-2 REACTOR [01]
UF *Consumers Power Company Midland-2*
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Midnight Discontinuity
USE Harang Discontinuity

MIDUALE [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

MIDWEST FUEL RECOVERY PLANT [01]
UF *Morris Plant*
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

MIDWEST REGION
DA July 1978
UF *Region VII*
NT1 Iowa
NT1 Kansas
NT1 Missouri
NT1 Nebraska
RT Great Plains
RT Ozark Region

MIFI IRT-2000 Reactor
USE IRT-2000 Moscow Reactor

MIGDAL THEORY [01]
RT Bremsstrahlung

Mighty Epic Event
DA June 1977
USE Anvil Project

MIGMA DEVICES [01]
BT1 Thermonuclear Devices
RT Ion Beams
RT Precession
DEF Nonplasma, nonthermal, nonpulsed devices, in which fusion occurs among the ions of a self-colliding beam.

MIGRATION
DA May 1976
RT Population Dynamics

Migration (Kernel)
DA March 1979

USE Amoeba Effect

Migration Area
USE Migration Length

MIGRATION LENGTH [01]
UF *Migration Area*
RT Diffusion Length
RT Slowing-Down Length

MIHAMA-1 REACTOR [01]
UF *Kansai-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MIHAMA-2 REACTOR [01]
UF *Kansai-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MIHAMA-3 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MILDEW [01]
BT1 Fungi
BT2 Plants
BT1 Parasites
RT Plant Diseases

MILITARY EQUIPMENT
DA January 1975
BT1 Equipment
NT1 Ordnance
RT Ammunition

MILITARY FACILITIES
DA March 1976
RT Federal Buildings
RT National Defense

MILITARY PERSONNEL [01]
UF *Army Personnel*
BT1 Personnel
RT Aviation Personnel

MILK [01]
BT1 Body Fluids
BT2 Biological Materials
BT1 Food
RT Beverages
RT Cows
RT Lactation
RT Mammary Glands
RT Milk Products
RT Whey

MILK PRODUCTS [01]
BT1 Food
NT1 Butter
NT1 Cheese
RT Milk

Milk Sugar
USE Lactose

MILKY WAY [01]
UF *Local Galaxy*
BT1 Galaxies
RT Interstellar Space

MILL TAILINGS
DA March 1977
BT1 Tailings
BT2 Solid Wastes
BT3 Wastes
RT Ore Processing
RT Radioactive Wastes

MILLER INDICES [01]
RT Crystal Lattices

MILLET [01]
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

MILLI AMP BEAM CURRENTS [01]
(From .001 to 1 amp.)
BT1 Beam Currents
BT2 Currents

MILLI EV RANGE [01]
BT1 EV Range
BT2 Energy Range

MILLI HZ RANGE [01]
BT1 Hz Range
BT2 Frequency Range

MILLING [01]
BT1 Machining
RT Mechanical Decladding
RT Milling Machines

MILLING MACHINES [01]
BT1 Machine Tools
RT Milling

MILLISEC LIVING RADIOISOTOPES [01]
(From .001 to 1 sec.)
BT1 Radioisotopes
BT2 Isotopes
NT1 Barium 147
NT1 Cesium 146
NT1 Cesium 148
NT1 Cobalt 53
NT1 Fermium 242
NT1 Gallium 62
NT1 Hafnium 157
NT1 Indium 130
NT1 Indium 132
NT1 Iodine 110
NT1 Iodine 141
NT1 Iridium 169
NT1 Lawrencium 257
NT1 Lutetium 155
NT1 Lutetium 156
NT1 Mercury 177
NT1 Mercury 178
NT1 Niobium 103
NT1 Nobelium 250
NT1 Platinum 174
NT1 Potassium 50
NT1 Rubidium 74
NT1 Rubidium 96
NT1 Rubidium 98
NT1 Rubidium 99
NT1 Ruthenium 112
NT1 Selenium 89
NT1 Silver 120
NT1 Sodium 27
NT1 Sodium 28
NT1 Sodium 29
NT1 Sodium 30
NT1 Sodium 31
NT1 Sodium 32
NT1 Sodium 33
NT1 Strontium 100
NT1 Technetium 110
NT1 Vanadium 44
NT1 Xenon 145
NT1 Zirconium 102
NT1 Zirconium 103
RT Lifetime

MILLSTONE-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

MILLSTONE-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MILLSTONE-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

MILNE PROBLEM [01]
RT Angular Distribution
RT Marshak Boundary Conditions
RT Neutron Transport Theory

MILROW EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions
RT Seismic Waves

MIM JUNCTIONS [01]
BT1 Semiconductor Junctions
BT2 Junctions

MIMIC
DA January 1975
BT1 Programming Languages

MIMOSINE [01]
DA May 1975
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Leguminosae
RT Toxicity

MINAMI AMBIGUITY [01]
RT Angular Distribution
RT Parity

MINE DRAINING
DA June 1977
RT Acid Mine Drainage
RT Coal Mines

MINE HAULAGE
DA June 1977
BT1 Materials Handling
RT Hoisting

MINE RESCUE
DA May 1978
BT1 Rescue Operations
RT Mines
RT Safety

MINE ROADWAYS
DA May 1978
UF *Roadways (Mines)*
BT1 Tunnels

Mineral Acids
USE Inorganic Acids

MINERAL CYCLING
DA August 1976
RT Carbon Cycle
RT Ecological Concentration
RT Ecosystems

RT Nitrogen Cycle
RT Sulfur Cycle

MINERAL INDUSTRY
DA November 1976
BT1 Industry
RT Chemical Industry
RT Coal Industry
RT Metal Industry
RT Oil Sand Industry
RT Oil Shale Industry
RT Petroleum Industry

Mineral Oil
USE Lubricants

MINERAL OILS
DA March 1976
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
NT1 Shale Oil
NT2 Shale Oil Fractions
RT Petroleum

MINERAL RESOURCES
DA January 1975
BT1 Resources
RT Bids
RT Mineral Rights
RT Minerals
RT Ownership
RT Resource Potential
RT Royalties
RT Uranium Reserves

MINERAL RIGHTS
DA July 1979
UF *Mining Rights*
RT Land Use
RT Legal Aspects
RT Mineral Resources
RT Mining Laws
RT Ownership

MINERAL SPRINGS
DA February 1975
RT Hot Springs
RT Thermal Springs

MINERAL WASTES
DA January 1976
BT1 Solid Wastes
BT2 Wastes
RT Spoil Banks

MINERAL WOOL
DA November 1976
RT Fibers
RT Thermal Insulation

MINERALIZATION [01]
RT Crystallization
RT Mineralogy

MINERALOCORTICOIDS [01]
BT1 Corticosteroids
BT2 Adrenal Hormones
BT3 Steroid Hormones
BT4 Hormones
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Ketones
BT3 Organic Compounds
BT2 Pregnanes
BT3 Steroids
BT4 Organic Compounds
NT1 Aldosterone
NT1 DOCA

MINERALOGY [01]
RT Mineralization
RT Minerals
RT Petrochemistry

MINERALS [01]
NT1 Alunite
NT1 Alvite
NT1 Amphibole
NT2 Hornblende
NT1 Anhydrite
NT1 Ankerite
NT1 Apatites
NT1 Aragonite
NT1 Barite
NT1 Bauxite
NT1 Bentonite
NT1 Beryl
NT1 Black Sands
NT1 Carnallite
NT1 Catapleite
NT1 Cerite
NT1 Chalcopyrite
NT1 Chlorite Minerals
NT1 Cinnabar
NT1 Clays
NT2 Attapulgite
NT2 Fullers Earth
NT2 Illite
NT2 Kaolin
NT2 Montmorillonite
NT1 Corundum
NT2 Ruby
NT2 Sapphire
NT1 Cristobalite
NT1 Diamonds
NT1 Dolomite
NT1 Elpidite
NT1 Epidotes
NT1 Eudialyte
NT1 Feldspars
NT2 Albite
NT2 Microcline
NT1 Ferrite Garnets
NT1 Ferroan
NT1 Fluorite
NT1 Galena
NT1 Garnets
NT2 Andradite
NT1 Gibbsite
NT1 Gypsum
NT1 Helvite
NT1 Hematite
NT1 Ilvaite
NT1 Kaolinite
NT1 Lavenite
NT1 Lead Minerals
NT1 Limonite
NT1 Lovozerite
NT1 Magnetite
NT1 Marcasite
NT1 Marignacite
NT1 Mesodialyte
NT1 Mica
NT2 Biotite
NT2 Muscovite
NT2 Paragonite
NT1 Mullite
NT1 Nogizawalite
NT1 Nordstrandite
NT1 Olivines
NT1 Perlite
NT1 Perovskites
NT2 Perovskite
NT1 Phosphorites
NT1 Pyrites
NT2 Pyrite
NT1 Pyrophyllite
NT1 Pyroxenes
NT2 Diopside
NT2 Enstatite
NT2 Hedenbergite
NT1 Pyrrhotite
NT2 Troilite
NT1 Radioactive Minerals
NT2 Baddeleyite
NT2 Cordylite
NT2 Corvusite
NT2 Fersmite
NT2 Florencite
NT2 Kainosite
NT2 Melanovanadite
NT2 Pascoite
NT2 Rutile
NT2 Thorium Minerals
NT3 Aeschynite
NT3 Allanite
NT4 Orthite
NT3 Bastnaesite
NT3 Brannerite
NT3 Cerianite
NT3 Ekanite
NT3 Freyalite
NT3 Huttonite
NT3 Hydrothorite
NT3 Lodochnikite
NT3 Lyndochite
NT3 Mackintoshite
NT3 Maitlandite
NT3 Monazites
NT3 Naegite
NT3 Thorianite
NT3 Thorite
NT4 Jiningite
NT3 Thorogummite
NT3 Thucholite
NT3 Uranothorianite
NT3 Uranothorite
NT3 Yttrialite
NT2 Uranium Minerals
NT3 Andersonite
NT3 Autunite
NT3 Bassetite
NT3 Bayleyite
NT3 Becquerelite
NT3 Billietite
NT3 Boltwoodite
NT3 Brannerite
NT3 Carburan
NT3 Carnotite
NT3 Clarkeite
NT3 Coffinite
NT3 Compreignacite
NT3 Cuprosklodowskite
NT3 Curite
NT3 Cyrtolite
NT3 Davidite
NT3 Demesmaekerite
NT3 Dewindtite
NT3 Diderichite
NT3 Djalmaite
NT3 Dumontite
NT3 Ekanite
NT3 Ellsworthite
NT3 Euxenite
NT3 Ferghanite
NT3 Fourmarierite
NT3 Francevillite
NT3 Gastunite
NT3 Guilleminite
NT3 Gummite
NT3 Haiweeite
NT3 Hallimondite
NT3 Hatchettolite
NT3 Heinrichite
NT3 Ianthinite
NT3 Iriginite
NT3 Ishikawaite
NT3 Johannite
NT3 Kahlerite
NT3 Kirchheimerite
NT3 Lermontovite
NT3 Liebigite
NT3 Lodochnikite
NT3 Mackintoshite
NT3 Masuyite
NT3 Moctezumite
NT3 Moluranite
NT3 Montroseite
NT3 Naegite
NT3 Natroautunite
NT3 Ningyoite
NT3 Novacekite
NT3 Para-Schoepite
NT3 Parsonsite
NT3 Phosphuranylite
NT3 Ranquilite
NT3 Rauvite
NT3 Rutherfordite
NT3 Sabugalite
NT3 Saleeite
NT3 Schoepite
NT3 Schroeckingerite
NT3 Sengierite
NT3 Sharpite
NT3 Sklodowskite
NT3 Soddyite

NT3 Strelkinite
NT3 Thorianite
NT3 Thucholite
NT3 Torbernite
NT3 Tyuyamunite
NT3 Umohoite
NT3 Uraninites
NT4 Broeggerite
NT4 Pitchblende
NT3 Uranium Black
NT3 Uranocircite
NT3 Uranophane
NT3 Uranopilite
NT3 Uranothorianite
NT3 Uranothorite
NT3 Uranotile
NT3 Zeunerite
NT3 Zippeite
NT1 Serpentine
NT1 Silica
NT2 Coesite
NT1 Smectite
NT1 Sodium Minerals
NT2 Dawsonite
NT2 Nahcolite
NT2 Shortite
NT2 Trona
NT1 Sphalerite
NT1 Spinels
NT1 Stishovite
NT1 Talc
NT1 Tantalite
NT1 Tapiolite
NT1 Tektites
NT1 Tourmaline
NT1 Travertine
NT1 Vanadium Minerals
NT1 Vermiculite
NT1 Wolframite
NT1 Wulfenite
NT1 Zeolites
NT2 Analcime
NT2 Clinoptilolite
NT2 Faujasite
NT2 Heulandite
NT2 Laumontite
NT2 Mordenite
NT2 Wairakite
RT Concretions
RT Environmental Materials
RT Geobarometry
RT Mineral Resources
RT Mineralogy
RT Ores
RT Rocks
RT Torbanite
RT Translocation

MINERS [01]
BT1 Personnel
NT1 Coal Miners
RT Life Support Systems

MINERVE REACTOR [01]
UF *French Minerve Reactor*
UF *Zero Power Critical Experiment Minerve*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

MINES [01]
NT1 Coal Mines
NT1 Rum Jungle Project
NT1 Uranium Mines
NT2 Beaverlodge Mine
NT2 Mary Kathleen Mines
NT2 Mi Vida Mine
RT Abandoned Shafts
RT Backfilling
RT Mine Rescue
RT Mining
RT Surface Mining
RT Underground Mining
RT Underground Space
RT Water Influx

Mini-Serve Stations
DA May 1979
USE Gasoline Service Stations

MINIATA EVENT
DA January 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
BT1 Underground Explosions
BT2 Explosions

MINIATURE SWINE [01]
BT1 Swine
BT2 Domestic Animals
BT3 Animals
BT2 Mammals
BT3 Vertebrates
BT4 Animals

MINIATURIZATION [01]
RT Electrical Equipment
RT Electronic Equipment
RT Measuring Instruments
RT Semiconductor Devices

MINIMUM AVERAGE-B CONFIGURATIONS [01]
UF *Average Magnetic Well*
BT1 Closed Configurations
BT2 Magnetic Field Configurations
RT Internal Ring Devices

MINIMUM-B CONFIGURATIONS [01]
UF *Magnetic Well*
BT1 Open Configurations
BT2 Magnetic Field Configurations
RT Ion Rings

MINING [01]
NT1 Auger Mining
NT1 Coal Mining
NT1 Hydraulic Mining
NT1 Oil Shale Mining
NT1 Solution Mining
NT1 Surface Mining
NT2 Cross-Ridge Mining
NT1 Underground Mining
NT2 Caving Mining
NT2 Longwall Mining
NT2 Room and Pillar Mining
NT2 Shortwall Mining
RT Acid Mine Drainage
RT Contained Explosions
RT Cratering Explosions
RT Excavation
RT Exploitation
RT Explosive Fracturing
RT Heading Machines
RT Industry
RT Landslides
RT Mines
RT Ore Composition
RT Overburden
RT Rock Bursts
RT Rock Mechanics
RT Shaft Excavations
RT Sloop Event
RT Tunneling
RT Underground Explosions
RT Uranium Ores

MINING EQUIPMENT
DA January 1975
BT1 Equipment
NT1 Bucket Wheel Excavators
NT1 Cutter Loaders
NT2 Coal Plows
NT2 Continuous Miners
NT2 Heading Machines
NT1 Roof Bolts
RT Auger Mining
RT Conveyors
RT Earthmoving Equipment
RT Supports

MINING LAWS [01]
BT1 Laws
NT1 Surface Mining Acts
RT Mineral Rights

Mining Research Method
DA March 1977
USE Reinluft Process

Mining Rights
DA July 1979
USE Mineral Rights

MINKOWSKI SPACE [01]
BT1 Mathematical Space
BT2 Space
RT Light Cone
RT Lorentz Transformations

MINNESOTA [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
RT Mississippi River

MINNESOTA UNIV LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

MINORITY GROUPS
DA February 1978
NT1 American Indians
NT1 Elderly People
RT Sociology

MINSK COMPUTERS [01]
BT1 Computers

MINUS-PLUS RATIO [01]
UF *Charge Ratio*
RT Electric Charges

***MINUTES LIVING RADIOISOTOPES [01]**
(For specific terms, consult the appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Lifetime

Miocene Epoch
DA October 1977
USE Tertiary Period

MIQ
USE Maximum Inhalation Quantity

MIR REACTOR [01]
UF *Melekess-MIR Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Mirror Fusion Test Facility
DA October 1977
USE MFTF Devices

MIRROR NUCLEI [01]
BT1 Nuclei
RT Isobaric Nuclei

MIRROR RATIO [01]
DA October 1975
RT Magnetic Fields
RT Magnetic Mirror Configurations
RT Magnetic Mirrors

MIRRORS [01]
DA January 1975

NT1 Flat Mirrors
NT1 Heat Mirrors
RT Optical Systems
RT Parabolic Reflectors
RT Reflection
RT Solar Concentrators
RT Solar Reflectors
RT Telescopes

Mirrors (Magnetic)
USE Magnetic Mirrors

MIS TRANSISTORS [01]
(Metal Insulator Silicon transistors.)
BT1 Transistors
BT2 Semiconductor Devices

MISCH METAL [01]
BT1 Cerium Base Alloys
BT2 Cerium Alloys
BT3 Rare Earth Alloys
BT4 Alloys
BT1 Lanthanum Alloys
BT2 Rare Earth Alloys
BT3 Alloys

Miscibility
DA July 1979
USE Solubility

Miscible Flooding
DA March 1976
USE Miscible-Phase Displacement

MISCIBLE-PHASE DISPLACEMENT
DA March 1976
UF *Miscible Flooding*
BT1 Enhanced Recovery
BT1 Fluid Injection
NT1 Carbon Dioxide Injection
NT1 Microemulsion Flooding
RT Petroleum

MISCO METAL [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

Misgurnus
USE Fishes

MISSILE PROTECTION [01]
DA January 1975
RT Impact Shock
RT Reactor Accidents

MISSILE SILOS
DA February 1975
RT Missiles
RT National Defense

MISSILES [01]
NT1 Cruise Missiles
RT Ammunition
RT Launching
RT Missile Silos
RT Reentry
RT Reentry Vehicles
RT Rockets
RT Thrusters

MISSING MASS [01]
BT1 Mass
RT Meson Resonances
RT Missing-Mass Spectra
RT Missing-Mass Spectrometers
RT Neutral Particles
DEF The unobserved mass resulting from neutral particles in a particle-particle interaction.

MISSING-MASS SPECTRA [01]
BT1 Spectra
RT ABC Effect
RT Missing Mass
RT Missing-Mass Spectrometers

MISSING-MASS SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Missing Mass
RT Missing-Mass Spectra
RT Neutral Particles

MISSISSIPPI [01]
BT1 Southeast Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Mississippi River

MISSISSIPPI RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Arkansas
RT Illinois
RT Iowa
RT Kentucky
RT Louisiana
RT Minnesota
RT Mississippi
RT Mississippi River Basin
RT Missouri
RT Tennessee
RT Wisconsin

MISSISSIPPI RIVER BASIN
DA April 1977
BT1 Watersheds
RT Mississippi River

Mississippi State University RRR Reactor
USE RRR Reactor

MISSISSIPPIAN PERIOD
DA October 1977
SF *Carboniferous Period*
BT1 Paleozoic Era
BT2 Geologic Ages

MISSOURI [01]
BT1 Midwest Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Mississippi River
RT Missouri River
RT Missouri River Basin
RT Ozark Region
RT White River Basin

MISSOURI RIVER [01]
DA February 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Iowa
RT Kansas
RT Missouri
RT Missouri River Basin
RT Montana
RT Nebraska
RT North Dakota
RT South Dakota

MISSOURI RIVER BASIN
DA June 1977
BT1 Watersheds
RT Missouri
RT Missouri River

Missouri University/Columbia Research Reactor
USE MURR Reactor

Missouri University/Rolla Research Reactor
USE UMRR Reactor

MIST EXTRACTORS
(Devices that remove liquid mist or droplets from a gas stream via impingement, flow-direction change, velocity change, centrifugal force, filters, or coalescing packs.)
DA March 1977
UF *Entrainment Separators*
BT1 Extraction Apparatuses

MIT BATES LINAC [01]
(Bates Electron Linear Accelerator Facility at MIT.)
DA March 1978
UF *Bates Linac MIT*
BT1 Linear Accelerators
BT2 Accelerators

MITES [01]
BT1 Arachnids
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Disease Vectors
RT Parasites
RT Pest Control

MITOCHONDRIA [01]
BT1 Organoids
BT2 Cell Constituents
RT Cytoplasm
RT Enzymes
RT Krebs Cycle

MITOGENS
DA November 1978
NT1 Phytohemagglutinin
RT Cell Division
RT Immunology
RT Tissue Extracts
DEF Substances that induce cell division (mitosis) or stimulate cells to undergo blastogenic activity as in the case of lymphocyte transformation.

MITOMYCIN [01]
BT1 Antibiotics
BT2 Drugs
BT1 Antimitotic Drugs
BT2 Drugs

MITOSIS [01]
UF *Anaphase*
UF *Metaphase*
UF *Prophase*
UF *Telophase*
BT1 Cell Division
RT Antimitotic Drugs
RT Chromosomes
RT Crossing-Over
RT Mitotic Delay
RT Mitotic Index
RT Phytohemagglutinin

MITOTIC DELAY [01]
RT Mitosis

MITOTIC INDEX [01]
RT Mitosis

MITR REACTOR [01]
UF *Massachusetts Institute of Technology Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

MIUS
DA January 1976
UF *Modular Integrated Utility Systems*
BT1 IEUS
RT Central Heating Plants
RT ICES
RT Public Utilities
RT Total Energy Systems
DEF Small plant located within housing developments or communities to provide all utility services.

MIXED BED ION EXCHANGERS [01]
BT1 Ion Exchange Materials

Mixed Media
USE Mixed Solvents

MIXED OXIDE FUEL FABRICATION PLANTS
DA January 1975
UF *Uranium Oxide Fuel Plant*
BT1 Fuel Fabrication Plants
BT2 Nuclear Facilities

MIXED SOLVENTS [01]
UF *Mixed Media*
BT1 Mixtures
BT2 Dispersions
BT1 Solvents

MIXED SPECTRUM REACTORS [01]
BT1 Reactors
NT1 ACPR Reactor
NT1 Bradwell Reactor
NT1 Browns Ferry-1 Reactor
NT1 Browns Ferry-2 Reactor
NT1 Browns Ferry-3 Reactor
NT1 Diorit Reactor
NT1 NSRR Reactor
NT1 OMRE Reactor
NT1 RPT Reactor

MIXED STATE
DA June 1975
RT Superconductivity
DEF A state of partial penetration of magnetic fields in orderly arrays of magnetic flux in vortices, usually thought of as a state of Type-II superconductivity only.

MIXER-SETTLERS [01]
BT1 Extraction Apparatuses
RT Laboratory Equipment
RT Mixers
RT Mixing

MIXERS
DA January 1976
UF *Blenders*
RT Mixer-Settlers
RT Mullers

MIXING [01]
(Not for CONFIGURATION MIXING.)
UF *Blending*
RT Aeration
RT Diffusion
RT Mixer-Settlers
RT Mixtures
RT Mullers
RT Solubility
RT Stirring
RT Turbulence

Mixing (Genetic)
USE Hybridization

MIXING HEAT [01]
UF *Heat of Mixing*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Solution Heat

MIXING RATIO [01]
RT Branching Ratio
RT Decay
RT Energy-Level Transitions
RT Multipolarity
RT Multipoles
RT Particle Production

MIXTURES [01]
BT1 Dispersions
NT1 Binary Mixtures
NT1 Homogeneous Mixtures
NT1 Mixed Solvents
NT1 Slurries
NT2 Fuel Slurries
NT1 Solutions
NT2 Aqueous Solutions
NT2 Hypertonic Solutions
NT2 Process Solutions
NT2 Solid Solutions
RT Compatibility
RT Mixing

ML-1 REACTOR [01]
UF *Mobile Low Power Plant-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Mobile Reactors
BT2 Reactors
BT1 Nitrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

MM-0011
DA December 1978
USE Alloy-MM-0011

MMS
DA May 1976
USE Methyl Methanesulfonate

MN-21
DA December 1978
USE Alloy-MN-21

MNR REACTOR [01]
UF *Mc Master University Nuclear Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Mo-Re 1
DA August 1979
USE Alloy-Mo-Re-1

MOATA REACTOR [01]
UF *Australian MOATA Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

MOBIL M-GASOLINE PROCESS
DA December 1976
RT Gasoline
RT Gasoline Plants
RT Synthetic Fuels
DEF One-step catalytic conversion of methanol to gasoline. Crude methanol is produced from coal gasification synthesis gas or natural gas.

MOBILE HOMES
DA January 1975
RT Houses
RT Residential Sector
RT Vehicles

Mobile Low Power Plant-1
USE ML-1 Reactor

MOBILE POLLUTANT SOURCES
DA April 1978
RT Point Pollutant Sources
RT Pollution
RT Stationary Pollutant Sources

MOBILE REACTORS [01]
(Designed to be movable while in operation.)
BT1 Reactors
NT1 MH-1A Reactor
NT1 ML-1 Reactor
NT1 710 Reactor
NT1 SIC Prototype Reactor
*NT1 Space Power Reactors
RT Thermionic Reactors

MOBILITY [01]
(Not for material movement; see also TRANSPORT.)
NT1 Carrier Mobility
NT1 Hole Mobility
NT1 Particle Mobility
NT2 Electron Mobility
NT2 Ion Mobility

MOCKUP [01]
BT1 Structural Models
NT1 Phantoms
RT Biological Models
RT Functional Models
RT Mathematical Models
RT Pilot Plants
RT Simulators

MOCTEZUMITE [01]
BT1 Lead Oxides
BT2 Lead Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Tellurium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tellurium Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

MODE CONTROL
DA March 1978
RT Lasers

MODE LOCKING [01]
DA January 1975
RT Lasers
RT Mode Selection

MODE SELECTION
DA February 1978
RT Frequency Selection
RT Lasers
RT Mode Locking

Models (Atomic)
USE Atomic Models

Models (Biological)
USE Biological Models

Models (Cosmological)
USE Cosmological Models

Models (Crystal)
USE Crystal Models

Models (Flow)
USE Flow Models

Models (Functional)
USE Functional Models

Models (Mathematical)
USE Mathematical Models

Models (Nuclear)
USE Nuclear Models

Models (Optical)
USE Optical Models

Models (Organizational)
DA December 1975
USE Organizational Models

Models (Particle)
USE Particle Models

Models (Plasma)
USE Plasma Simulation

Models (Shell)
USE Shell Models

Models (Star)
DA December 1975
USE Star Models

Models (Statistical)
USE Statistical Models

Models (Structural)
USE Structural Models

MODERATELY ENRICHED URANIUM [01]
(5 - 80 per cent.)
BT1 Enriched Uranium
BT2 Isotope Enriched Materials
BT2 Uranium
BT3 Actinides
BT4 Metals
BT5 Elements

MODERATING DETECTORS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Bonner Sphere Detectors
NT1 Long Counters
RT Activation Detectors
RT BF3 Counters

MODERATING RATIO [01]
RT Moderators

MODERATOR-FUEL RATIO [01]
RT Moderators

MODERATOR PELLETS [01]
DA October 1975
BT1 Pellets
RT Moderators

MODERATORS [01]
(See also descriptors for specific moderator materials.)
NT1 Hydride Moderators
NT1 Hydroxide Moderators
NT1 Organic Moderators
RT Beryllium
RT Beryllium Alloys
RT Beryllium Compounds
RT Beryllium Oxides
RT Configuration Control
RT Graphite
RT Heavy Water
RT Moderating Ratio
RT Moderator-Fuel Ratio
RT Moderator Pellets
RT Neutron Slowing-Down Theory
RT Reactor Cores
RT Reactor Materials
RT Sigma Piles
RT Thermal Columns
RT Water

Modes (Optical)
USE Optical Modes

Modes (Oscillation)
USE Oscillation Modes

Modes (Single-Particle)
USE Single-Particle Modes

MODIFICATIONS
DA April 1975
RT Construction
RT Maintenance

MODIFIED IN-SITU PROCESSES
DA May 1975
NT1 Oxy Modified In-Situ Process
NT1 RISE
RT In-Situ Processing
RT Retorting
RT Underground Mining
DEF Combination of some underground mining and surface retorting with in-situ retorting techniques.

Modified Surface Delta Potential
DA May 1976
USE Surface Delta Potential

Modular Integrated Utility Systems
DA January 1976
USE MIUS

MODULATION [01]
RT Variations

MOELLER SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering
RT Bhabha Scattering
RT Quantum Electrodynamics

MOESSBAUER EFFECT [01]
RT Recoilless Fraction
RT Structural Chemical Analysis

MOESSBAUER SPECTROMETERS [01]
BT1 Gamma Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

MOHAWK RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT New York

MOHOLE PROJECT [01]
RT Geology

MOISTURE
DA February 1975
SF *Water Content*
RT Humidity
RT Water

MOISTURE GAGES [01]
UF *Neutron Moisture Meters*
BT1 Measuring Instruments
RT Hygrometry
RT Radiometric Gages

Moisture Separators
DA August 1975
USE Vapor Separators

MOLASSES
DA April 1977
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
RT Sugar Cane

Moldavites
USE Tektites

MOLDING [01]
BT1 Fabrication
NT1 Briquetting
NT1 Pelletizing
RT Casting
RT Casting Molds
RT Materials Working
RT Molding Materials

MOLDING MATERIALS
DA November 1976
RT Molding

Molds
USE Fungi

Molds (Casting)
USE Casting Molds

MOLECULAR BEAMS [01]
BT1 Beams
RT Molecules

MOLECULAR BIOLOGY [01]
RT Biological Effects
RT Biological Evolution
RT Biological Pathways
RT Biophysics
RT Biosynthesis
RT Metabolism
RT Molecules
RT Physiology
RT Radiobiology
RT Strand Breaks

MOLECULAR CRYSTALS [01]
BT1 Crystals

Molecular Fluorescence Spectroscopy
USE Fluorescence Spectroscopy

MOLECULAR ION BEAM INJECTION [01]
BT1 Ion Beam Injection
BT2 Beam Injection

MOLECULAR IONS [01]
DA December 1975
UF *Ions (Molecular)*
BT1 Ions
BT2 Charged Particles
NT1 Hydrogen Ions 2 Plus
NT1 Hydrogen Ions 3 Plus
NT1 Oxonium Ions
RT Argon Ions
RT Chlorine Ions
RT Deuterium Ions
RT Fluorine Ions
RT Helium Ions
RT Hydrogen Ions
RT Krypton Ions
RT Neon Ions
RT Nitrogen Ions
RT Oxygen Ions
RT Radon Ions
RT Tritium Ions
RT Xenon Ions

MOLECULAR MODELS [01]
BT1 Mathematical Models
NT1 Thermodynamic Molecular Model

MOLECULAR ORBITAL METHOD [01]
RT Electronic Structure
RT LCAO Method
RT Molecular Structure

Molecular Orbital Model
USE Atomic Models
AND Molecules

MOLECULAR SIEVE PROCESS
DA January 1975
RT Desulfurization
DEF Process to dehydrate and to remove CO_2 and S compounds from natural gas.

MOLECULAR SIEVES [01]
BT1 Adsorbents
RT Adsorption

MOLECULAR STRUCTURE [01]
UF *Structure (Molecular)*
RT Biological Repair
RT Bond Lengths
RT Configuration Interaction
RT Dissociation Energy
RT Helical Configuration
RT Interatomic Distances
RT Ionic Potential
RT LCAO Method
RT Matrix Isolation
RT Molecular Orbital Method
RT Molecules
RT Nucleic Acid Denaturation
RT Photoelectron Spectroscopy
RT Photoreactivation
RT Protein Denaturation
RT Stereochemistry
RT Structural Chemical Analysis

MOLECULAR WEIGHT [01]
RT Cryoscopy

RT Depolymerization
RT Molecules
RT Osmosis
RT Polymerization
RT Weight

MOLECULE COLLISIONS [01]
BT1 Collisions
NT1 Atom-Molecule Collisions
NT1 Electron-Molecule Collisions
NT1 Ion-Molecule Collisions
NT1 Molecule-Molecule Collisions
NT1 Photon-Molecule Collisions
NT1 Positron-Molecule Collisions

MOLECULE-MOLECULE COLLISIONS [01]
BT1 Molecule Collisions
BT2 Collisions

MOLECULES [01]
UF+ *Molecular Orbital Model*
NT1 Mesic Molecules
NT1 Muonic Molecules
NT1 Polyatomic Molecules
RT Jahn-Teller Effect
RT Kihara Potential
RT Matrix Isolation
RT Micellar Systems
RT Molecular Beams
RT Molecular Biology
RT Molecular Structure
RT Molecular Weight
RT Van der Waals Forces

MOLIERE THEORY [01]
RT Multiple Scattering

MOLLIER DIAGRAMS [01]
RT Steam
RT Thermodynamics

MOLLUSCS [01]
UF *Clams*
UF *Gasteropods*
UF *Mussels*
BT1 Aquatic Organisms
BT1 Invertebrates
BT2 Animals
NT1 Oysters
NT1 Snails

MOLNIYA SATELLITES [01]
BT1 Satellites

MOLTEN CARBONATE PROCESS
DA August 1976
RT Desulfurization
DEF Process for removal of sulfur dioxide from flue gas using ternary eutectic alkali metal carbonate melt; reduction of sulfite and sulfate reaction products with petroleum coke; and reaction of resulting sulfide with steam and carbon dioxide to regenerate carbonate and form hydrogen sulfide, which can be converted to sulfur.

MOLTEN METAL-WATER REACTIONS [01]
DA April 1977
UF *Liquid Metal-Water Reactions*
UF *Metal-Water Reactions*
UF *Sodium-Water Reactions*
RT Chemical Reactions
RT Explosions
RT Fuel-Coolant Interactions
RT Reactor Accidents
DEF Combined physical-chemical explosions produced by sudden contact between high temperature metals and water.

MOLTEN SALT COAL GASIFICATION PROCESS
DA October 1975
UF *Atomics International Molten Salt Process*
UF *Molten Salt Process (Atomic International)*
UF *Rockwell International Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Crushed and dried coal in preheated steam-oxygen stream is fed with Na_2CO_3 into gasifier. Raw gas (330 BTU/SCF) is shifted, purified, methanated, and dehydrated.

Molten Salt Coolants
USE Molten Salts

MOLTEN SALT COOLED REACTORS [01]
BT1 Molten Salt Reactors
BT2 Reactors
NT1 MSRE Reactor

MOLTEN SALT FUELED REACTORS [01]
BT1 Fluid Fueled Reactors
BT2 Reactors
BT1 Molten Salt Reactors
BT2 Reactors

MOLTEN SALT FUELS [01]
UF *Fused Salt Fuels*
BT1 Liquid Fuels
BT2 Fuels
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
RT Molten Salt Reactors

Molten Salt Process (Atomic International)
DA October 1975
USE Molten Salt Coal Gasification Process

Molten Salt Process (Kellogg)
DA January 1975
USE Kellogg Process

Molten Salt Reactor Experiment
USE MSRE Reactor

MOLTEN SALT REACTORS [01]
BT1 Reactors
NT1 Molten Salt Cooled Reactors
NT2 MSRE Reactor
NT1 Molten Salt Fueled Reactors
RT Metal Transfer Process
RT Molten Salt Fuels
RT Reductive Extraction

MOLTEN SALTS [01]
UF *Fused Salts*
UF *Molten Salt Coolants*
BT1 Salts
NT1 Flibe
RT Coolants
RT Lichtenberg Process

MOLTING
DA September 1977
RT Animal Growth
DEF The shedding of an outer covering as part of a periodic process of growth.

MOLURANITE [01]
BT1 Molybdenum Oxides
BT2 Molybdenum Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

MOLYBDATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Molybdenum Oxides

MOLYBDENUM [01]
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements

MOLYBDENUM 85 [01]
DA July 1978
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 87 [01]
DA January 1975
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 88 [01]
DA September 1976
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 89 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 90 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 91 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes

BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 92 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 93 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MOLYBDENUM 94 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 95 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 97 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 98 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 99 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
RT Radioisotope Generators

MOLYBDENUM 100 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

MOLYBDENUM 101 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 102 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 103 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 104 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 105 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MOLYBDENUM 106 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 107 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MOLYBDENUM 108 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Molybdenum Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

MOLYBDENUM ADDITIONS [01]
BT1 Molybdenum Alloys
BT2 Alloys
NT1 Alloy-VT20
NT1 Steel-Kh5m
NT1 Steel-Kh12m
NT1 Steel-12Kh1mf
NT1 Steel-12Kh2mv8fb
NT1 Steel-4Kh12n8g8mfb
NT1 Steel-20Kh2n2m
NT1 Steel-20Khn3mf
NT1 Steel-4Kh14nv2m
NT1 Steel-1Kh12v2mf
NT1 Steel-22NiMoCr37
NT1 Steel-R18

MOLYBDENUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-A-286
NT1 Alloy-B-66
NT1 Alloy-B-1900
NT1 Alloy-D-979
NT1 Alloy-EHI 826
NT1 Alloy-EHP-199
NT1 Alloy-Ehp-496
NT1 Alloy-Ehp-567
NT1 Alloy-HD-556
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-0KH12N13M
NT1 Alloy-Khn50mbvyu
NT1 Alloy-Khn60mkbyut
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-M-813
NT1 Alloy-Mar-M246
NT1 Alloy-MN-21
NT1 Alloy-MP35N
NT1 Alloy-N-155
NT1 Alloy-N-9M
NT1 Alloy-N-10M
NT1 Alloy-79nm
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-NX-188
NT1 Alloy-RA-333
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Alloy-VN-2
NT1 Alloy-VN-3
NT1 Alloy-VT3-1
NT1 Alloy-Vt8
NT1 Alloy-VT9
NT1 Alloy-VT14

NT1 Alloy-VT15
NT1 Alloy-VT22
NT1 Alloy-VTZ-1
NT1 Alloy-Vus-6
NT1 Astroloy
NT1 Chlorimet
NT1 Discaloy
NT1 Hastelloy N
NT1 Hastelloys
NT2 Hastelloy B
NT2 Hastelloy C
NT2 Hastelloy F
NT2 Hastelloy S
NT2 Hastelloy X
NT1 HAVAR
NT1 Haynes Stellite No 21
NT1 Hymu-80
NT1 Illium
NT1 Incoloy 901
NT1 Inconel 617
NT1 Inconel 625
NT1 Inconel 700
NT1 Inconel 718
NT1 Inconel 738
NT1 Inconel 713C
NT1 Inconel 713LC
NT1 Inor-8
NT1 Molybdenum Additions
NT2 Alloy-VT20
NT2 Steel-Kh5m
NT2 Steel-Kh12m
NT2 Steel-12Kh1mf
NT2 Steel-12Kh2mv8fb
NT2 Steel-4Kh12n8g8mfb
NT2 Steel-20Kh2n2m
NT2 Steel-20Khn3mf
NT2 Steel-4Kh14nv2m
NT2 Steel-1Kh12v2mf
NT2 Steel-22NiMoCr37
NT2 Steel-R18
NT1 Molybdenum Base Alloys
NT2 Alloy-TSM6
NT2 Alloy-TZC
NT2 Alloy-TZM
NT2 Alloy-VM-1
NT2 Alloy-Zm-2A
NT1 Ni-O-Nel
NT1 Nimonic 105
NT1 Nimonic 115
NT1 Nimonic PE16
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Sicromo 9M
NT1 Stainless Steel-316
NT1 Stainless Steel-AM-350
NT1 Stainless Steel-19-9DL
NT1 Stainless Steel-Ph-15-7-Mo
NT1 Stainless Steel-Z2cnd17-12
NT1 Stainless Steel-Z3cnd17-12
NT1 Stainless Steel-Z3cnd18-13
NT1 Stainless Steel-Z6cnd17-12
NT1 Stainless Steel-Zcnd17-13
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Steel-DIN-1-4449
NT1 Steel-In-787
NT1 Steel-20Khmf
NT1 Steel-Kh16n15m3b
NT1 Steel-Kh17n13m2t
NT1 Steel-40Kh2n5sm
NT1 Steel-Kh14n8yum2
NT1 Steel-Kn15n7yum2
NT1 Steel-Vzh102
NT1 Timken Alloys
NT1 Tribaloy 400
NT1 Tribaloy 700
NT1 Tribaloy 800
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Vitallium
NT1 Waspaloy

MOLYBDENUM ARSENIDES
DA March 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM BASE ALLOYS [01]
BT1 Molybdenum Alloys
BT2 Alloys
NT1 Alloy-TSM6
NT1 Alloy-TZC
NT1 Alloy-TZM
NT1 Alloy-VM-1
NT1 Alloy-Zm-2A

MOLYBDENUM BLUE [01]
BT1 Molybdenum Oxides
BT2 Molybdenum Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Pigments

MOLYBDENUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM CARBONATES [01]
DA February 1979
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

MOLYBDENUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Molybdates
NT1 Molybdenum Arsenides
NT1 Molybdenum Borides
NT1 Molybdenum Bromides
NT1 Molybdenum Carbides
NT1 Molybdenum Carbonates
NT1 Molybdenum Chlorides
NT1 Molybdenum Fluorides
NT1 Molybdenum Hydrides
NT1 Molybdenum Hydroxides
NT1 Molybdenum Iodides
NT1 Molybdenum Nitrates
NT1 Molybdenum Nitrides
NT1 Molybdenum Oxides
NT2 Iriginite
NT2 Moluranite
NT2 Molybdenum Blue
NT2 Umohoite
NT2 Wulfenite
NT1 Molybdenum Phosphates
NT1 Molybdenum Phosphides
NT1 Molybdenum Selenides
NT1 Molybdenum Silicates
NT1 Molybdenum Silicides
NT1 Molybdenum Sulfates
NT1 Molybdenum Sulfides
NT1 Molybdenum Tellurides
NT1 Molybdic Acid

MOLYBDENUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM HYDRIDES [01]
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM HYDROXIDES [01]
DA August 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOLYBDENUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

MOLYBDENUM ISOTOPES [01]
NT1 Molybdenum 85
NT1 Molybdenum 87
NT1 Molybdenum 88
NT1 Molybdenum 89
NT1 Molybdenum 90
NT1 Molybdenum 91
NT1 Molybdenum 92
NT1 Molybdenum 93
NT1 Molybdenum 94
NT1 Molybdenum 95
NT1 Molybdenum 96
NT1 Molybdenum 97
NT1 Molybdenum 98
NT1 Molybdenum 99
NT1 Molybdenum 100
NT1 Molybdenum 101
NT1 Molybdenum 102
NT1 Molybdenum 103
NT1 Molybdenum 104
NT1 Molybdenum 105
NT1 Molybdenum 106
NT1 Molybdenum 107
NT1 Molybdenum 108

MOLYBDENUM NITRATES [01]
DA December 1976
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

MOLYBDENUM NITRIDES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

MOLYBDENUM ORES [01]
BT1 Ores

MOLYBDENUM OXIDES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Oxides

BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Iriginite
NT1 Moluranite
NT1 Molybdenum Blue
NT1 Umohoite
NT1 Wulfenite
RT Molybdates

MOLYBDENUM PHOSPHATES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

MOLYBDENUM PHOSPHIDES [01]
DA July 1976
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

MOLYBDENUM SELENIDES [01]
DA January 1975
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

MOLYBDENUM SILICATES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

MOLYBDENUM SILICIDES [01]
DA January 1975
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

MOLYBDENUM SULFATES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

MOLYBDENUM SULFIDES [01]
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

MOLYBDENUM 92 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 94 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 95 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 96 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 97 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 98 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM 100 TARGET [01]
DA July 1976
BT1 Targets

MOLYBDENUM TELLURIDES [01]
DA January 1975
BT1 Molybdenum Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

MOLYBDIC ACID
DA February 1975
BT1 Inorganic Acids
BT2 Hydrogen Compounds
BT1 Molybdenum Compounds
BT2 Transition Element Compounds

MOMENT OF INERTIA [01]
UF *Inertia*
RT Backbending
RT Kinetic Energy
RT Mass
RT Mechanics
RT Rotation
RT VMI Model
RT Yrast States

MOMENTS METHOD [01]
RT Transport Theory

Momentum (Angular)
USE Angular Momentum

Momentum (Linear)
USE Linear Momentum

Momentum (Longitudinal)
USE Longitudinal Momentum

Momentum (Transverse)
USE Transverse Momentum

MOMENTUM TRANSFER [01]
DA November 1978
UF *Transfer (Momentum)*
NT1 Angular Momentum Transfer
NT1 Four Momentum Transfer
NT1 Linear Momentum Transfer

MONACO [01]
BT1 Europe

MONAZITES [01]
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

MONEL [01]
BT1 Copper Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

MONEL 400 [01]
DA December 1978
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

MONEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Mongolism
USE Downs Syndrome

Monilia
USE Candida

MONIQUE EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
RT Granites

MONITORING [01]
(Use of a more specific term is recommended.)
UF *Monitoring Network*
NT1 Acoustic Monitoring
NT1 Aerial Monitoring
NT1 Aerosol Monitoring
NT1 Beam Monitoring
NT1 Loose Parts Monitoring
NT1 Radiation Monitoring
NT2 Personnel Monitoring
NT1 Temperature Monitoring
RT Control
RT Environmental Materials
RT Water Pollution Monitors

Monitoring (Beam)
USE Beam Monitoring

Monitoring (Radiation)
USE Radiation Monitoring

Monitoring Network
USE Monitoring

Monitors (Air Pollution)
DA July 1976
USE Air Pollution Monitors

Monitors (Failed Elements)
USE Failed Element Monitors

Monitors (Reactor)
USE Reactor Control Systems

MONJU REACTOR [01]
UF *JPFR Reactor*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

MONKEYS [01]
BT1 Primates
BT2 Mammals
BT3 Vertebrates
BT4 Animals
NT1 Macacus

MONOCARBOXYLIC ACIDS [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
NT1 Acetic Acid
NT1 Acrylic Acid
NT1 Arachidonic Acid
NT1 Benzoic Acid
NT1 Butyric Acid
NT1 Chlorambucil
NT1 Cinnamic Acid
NT1 Crotonic Acid
NT1 Decanoic Acid
NT1 Dodecanoic Acid
NT1 Eicosanoic Acid
NT1 Formic Acid
NT1 Glycolic Acid
NT1 Heptanoic Acid
NT1 Hexadecanoic Acid
NT1 Hexanoic Acid
NT1 Ioglycamic Acid
NT1 Isobutyric Acid
NT1 Isovaleric Acid
NT1 Linoleic Acid
NT1 Linolenic Acid
NT1 Methacrylic Acid
NT1 Nonanoic Acid
NT1 Octadecanoic Acid
NT1 Octanoic Acid

NT1 Oleic Acid
NT1 Pethidine
NT1 Pivalic Acid
NT1 Propionic Acid
NT1 Sorbic Acid
NT1 Tetradecanoic Acid
NT1 Uronic Acids
NT1 Valeric Acid

MONOCHROMATIC RADIATION [01]
DA April 1978
BT1 Electromagnetic Radiation
BT2 Radiations
RT Laser Radiation
RT Visible Radiation

MONOCHROMATORS [01]
RT Beam Analyzers
RT Beam Optics
RT Spectrometers

MONOCLINIC LATTICES [01]
BT1 Crystal Lattices
BT2 Crystal Structure

MONOCRYSTALS [01]
UF *Single Crystals*
BT1 Crystals
NT1 Whiskers
RT Verneuil Method

MONOCYTES [01]
BT1 Leukocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials

Monododecylphosphoric Acid
USE MDPA

MONOMERS [01]
NT1 Vinyl Monomers
RT Dimers
RT Polymerization
RT Polymers

MONONGAHELA RIVER BASIN
DA July 1977
RT Pennsylvania
RT West Virginia

MONOPOLES [01]
NT1 Magnetic Monopoles
RT Multipoles

MONOPOLIES
DA March 1978
RT Cartels
RT Market
RT Trade
DEF Exclusive control of the supply of goods or services by groups or individuals.

MONOSACCHARIDES [01]
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Erythritol
NT1 Hexoses
NT2 Cycasin
NT2 Fructose
NT2 Galactose
NT2 Glucose
NT2 Hexosamines
NT3 Glucosamine
NT2 Mannose
NT2 Sorbose
NT1 Inositols
NT2 Inositol
NT1 Pentoses
NT2 Arabinose
NT2 Deoxyribose
NT2 Ribose
NT2 Ribulose
NT2 Xylose
NT1 Sedoheptulose
NT1 Sorbitol
RT Gluconic Acid

MONOTECTICS [01]
RT Eutectics
RT Phase Diagrams

MONOTECTOIDS [01]
RT Eutectoids
RT Phase Diagrams

Monsanto System
DA January 1976
USE Landgard Pyrolysis System

MONTAGUE-1 REACTOR [01]
DA May 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

MONTAGUE-2 REACTOR [01]
DA May 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Montan Waxes
DA June 1977
USE Waxes

MONTANA [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
RT Missouri River
RT Yellowstone National Park

MONTE AMIATA GEOTHERMAL FIELD
DA February 1975
BT1 Geothermal Fields

MONTE CARLO METHOD [01]
RT Fault Tree Analysis
RT Neutron Transport Theory
RT Probability
RT Randomness
RT Stochastic Processes
RT Transport Theory

Montecuccolino RB-1 Reactor
USE RB-1 Reactor

Montecuccolino RB-2 Reactor
USE RB-2 Reactor

Montecuccolino RB-3 Reactor
USE RB-3 Reactor

MONTHLY VARIATIONS
DA April 1978
BT1 Variations

MONTICELLO REACTOR [01]
UF *Northern States Monticello Rea*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

MONTMORILLONITE [01]
UF *Hectorite*
BT1 Clays
BT2 Minerals
BT1 Inorganic Ion Exchangers
BT2 Ion Exchange Materials
RT Bentonite
DEF Clay minerals which have a theoretical composition of essentially $Al_4Si_8O_{20}(OH)_4.nH_2O$.

MONTROSEITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
RT Sandstones

MOON [01]
BT1 Satellites
RT Apollo Project
RT Lunar Materials

MOORINGS
DA August 1976
RT Deep Water Oil Terminals
RT Harbors

MORAINES [01]
BT1 Geologic Deposits

MORDENITE
DA April 1975
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A zeolite mineral: $Ca,Na_2,K_2)_4Al_8Si_{40}O_{96}.28H_2O$.

MORIN [01]
BT1 Dyes
BT1 Flavones
BT2 Flavenoids
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Reagents

MOROCCO [01]
BT1 Africa

MORPHINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Analgesics
BT2 Drugs
BT1 Narcotics
BT2 Drugs
RT Codeine
RT Opium
RT Papaver Somniferum

MORPHOLINES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds

MORPHOLOGICAL CHANGES [01]
NT1 Ultrastructural Changes
RT Biological Effects
RT Microscopy
RT Morphology
RT Plant Breeding
RT Tissues

MORPHOLOGY
DA January 1978
RT Configuration
RT Morphological Changes
RT Shape
DEF A branch of science that deals with structure and shape.

Morris Plant
DA September 1978
USE Midwest Fuel Recovery Plant

MORRISON RULE [01]
RT Exchange Interactions
RT Parity
RT Particle Interactions
RT Pomeranchuk Particles
RT Spin
DEF An empirical rule for pomeron exchange.

MORSE POTENTIAL [01]
BT1 Potentials
RT Interatomic Forces

MORTALITY [01]
RT Death
RT Lethal Irradiation
RT Life Span
RT Predator-Prey Interactions
RT Supralethal Irradiation
RT Survival Curves
RT Time Dependence

MORTARS [01]
RT Building Materials
RT Cements
RT Concretes
RT Grouting

MOS TRANSISTORS [01]
(Metal Oxide Silicon transistors.)
BT1 Transistors
BT2 Semiconductor Devices
NT1 MOSFET

MOSAICISM [01]
NT1 Chimeras
NT2 Radiation Chimeras
NT1 Parabiosis
RT Genetic Effects
RT Mutations

Moscow Research Reactor
DA March 1975
USE MR Reactor

Moscow Tank Reactor
USE TR Reactor

MOSFET [01]
(Metal Oxide Silicon Field Effect Transistors.)
BT1 MOS Transistors
BT2 Transistors
BT3 Semiconductor Devices

MOSHINSKY TRANSFORMATION
DA January 1975
BT1 Quantum Operators
BT2 Mathematical Operators
DEF Coefficients for transforming wave functions between laboratory and center-of-mass systems in harmonic oscillator basis.

MOSQUITOES [01]
UF *Aedes*
UF *Anopheles*
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Malaria

MOSSES
DA February 1975
BT1 Plants

MOTHS [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
NT1 Bollworm
NT1 Codling Moth
NT1 Lymantria Dispar
NT1 Rice Stem Borers

MOTION [01]
NT1 Ground Motion
NT1 Proper Motion
NT1 Rotation
RT Angular Momentum
RT Brownian Movement
RT Diffusion
RT Guiding-Center Approximation
RT Kinetic Energy
RT Kinetics
RT Linear Momentum
RT Trajectories
RT Velocity

MOTION DETECTION SYSTEMS
DA July 1979
BT1 Alarm Systems
RT Adversaries
RT Nuclear Materials Diversion
RT Safeguards

MOTOR VEHICLE ACCIDENTS [01]
BT1 Accidents

MOTORCYCLES
DA June 1977
BT1 Vehicles

MOTORS [01]
NT1 Electric Motors
NT2 Superconducting Motors
NT1 Ramjet Engines

MOTT SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering

Mottelson-Nilsson Model
USE Nilsson-Mottelson Model

MOUND LABORATORY [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

MOUNTAINS [01]
NT1 Alps
NT1 Andes
NT1 Appalachian Mountains
NT1 Appennines
NT1 Carrizo Mountains
NT1 Colorado Plateau
NT1 Himalayas
NT1 Jemez Mountains
NT1 Rocky Mountains
NT1 San Bernardino Mountains
NT1 Sierra Nevada Colorado
NT1 Urals
NT1 Witwatersrand
RT Orogenesis
RT Valleys

Mouth
USE Oral Cavity

MOVING-BOUNDARY CONDITIONS [01]
BT1 Boundary Conditions

MOVING-BURDEN PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF A three-vessel fluidized bed process for the gasification of coal.

MOVING COIL MAGNETOMETERS [01]
BT1 Magnetometers
BT2 Measuring Instruments

MOZAMBIQUE [01]
BT1 Africa

Mp Tandem Accelerator
DA August 1976
USE CRNL Mp Tandem Accelerator

MPA
USE Maximum Permissible Activity

MPBB
USE Maximum Permissible Body Burden

MPC
USE Maximum Permissible Concentration

MPD
USE Maximum Permissible Dose

MPE
USE Maximum Permissible Exposure

MPI
USE Maximum Permissible Intake

MPL
USE Maximum Permissible Level

MP35N
DA January 1979
USE Alloy-MP35N

MR-2 Moscow Reactor
USE RPT Reactor

MR REACTOR
DA January 1975
UF *Moscow Research Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

MRG Process
DA January 1976
USE JGC Methane-Rich Gas Process

MRR REACTOR [01]
UF *Brookhaven Medical Research Reactor*
UF *US AEC MRR*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

MSMR Reactor
USE UMRR Reactor

MSRE REACTOR [01]
UF *Molten Salt Reactor Experiment*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Molten Salt Cooled Reactors
BT2 Molten Salt Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

MSU CYCLOTRONS [01]
UF *Michigan State University Cyclotrons*
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

MT BAKER
DA August 1976

RT Washington

MTHF
DA February 1975
UF *Methyltetrahydrofuran*
BT1 Furans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

MTR REACTOR [01]
UF *Idaho Materials Testing Reactor*
UF *US AEC Materials Testing Reactor-Idaho*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

MTSE DEVICES
DA April 1975
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
RT United Kingdom

MUCOPOLYSACCHARIDES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Chitin
NT1 Chondroitin
NT1 Heparin
NT1 Hyaluronic Acid

MUCOPROTEINS [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
BT1 Proteins
BT2 Organic Compounds
NT1 Haptoglobins
NT1 Intrinsic Factor
NT1 Phytohemagglutinin
RT Chondroitin
RT Lysozyme

Mucosa
USE Mucous Membranes

MUCOUS MEMBRANES [01]
UF *Mucosa*
NT1 Conjunctiva
RT Epithelium

MUEHLEBERG REACTOR [01]
UF *AKM Muehleberg Reactor*
UF *AKM Reactor*
UF *Atomkraftwerk Muehleberg*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

MUELHEIM-KAERLICH REACTOR [01]
DA September 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Muenster Event
DA June 1977
USE Anvil Project

MUF
USE Material Unaccounted For

MUFFIN-TIN POTENTIAL [01]
BT1 Potentials
RT Electronic Structure
RT Wave Functions

MULBERRY ALLOY [01]
BT1 Niobium Alloys
BT2 Alloys
BT1 Uranium Base Alloys
BT2 Uranium Alloys
BT3 Actinide Alloys
BT4 Alloys
BT1 Zirconium Alloys
BT2 Alloys

Mule Deer
USE Deer

MULLERS
DA September 1976
BT1 Equipment
RT Grinding
RT Mixers
RT Mixing
DEF Equipment used for agitating, grinding, and mixing.

MULLITE [01]
BT1 Inorganic Ion Exchangers
BT2 Ion Exchange Materials
BT1 Minerals

MULTI-CHANNEL ANALYZERS [01]
BT1 Pulse Analyzers
BT2 Electronic Equipment

MULTI-ELEMENT ANALYSIS [01]
(For analysis of 2 or more elements or isotopes of different elements.)
BT1 Chemical Analysis

MULTI-ELEMENT SEPARATION [01]
(For mutual separation of 2 or more elements or isotopes of different elements.)
BT1 Separation Processes

MULTI-NUCLEON TRANSFER REACTIONS [01]
(More than one nucleon transfered.)
BT1 Transfer Reactions
BT2 Direct Reactions
BT3 Nuclear Reactions
NT1 Four-Nucleon Transfer Reactions
NT2 Alpha-Transfer Reactions
NT1 Many-Nucleon Transfer Reactions
NT1 Three-Nucleon Transfer Reactions
NT1 Two-Nucleon Transfer Reactions

MULTI-PARAMETER ANALYSIS [01]
RT Data Processing

MULTICHARGED IONS [01]
(With charge 3 and above.)
BT1 Ions
BT2 Charged Particles
RT Heavy Ions
RT Light Ions

MULTIGROUP THEORY [01]
BT1 Neutron Transport Theory
BT2 Transport Theory
RT Group Constants

Multilamellar Lipid Vesicles
DA July 1979
USE Liposomes

MULTILATERAL AGREEMENTS [01]
BT1 International Agreements
BT2 Agreements

MULTILEVEL ANALYSIS [01]
RT Breit-Wigner Formula
RT Cross Sections
RT R Matrix
RT Resonance

Multinational Companies
DA April 1978
USE Multinational Enterprises

MULTINATIONAL ENTERPRISES
DA April 1978
UF *Multinational Companies*
RT International Cooperation
RT Multinational Ownership

MULTINATIONAL OWNERSHIP
DA December 1977
RT International Cooperation
RT Multinational Enterprises

MULTIPARTICLE SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

MULTIPERIPHERAL MODEL [01]
BT1 Peripheral Models
BT2 Particle Models
BT3 Mathematical Models
NT1 Cluster Emission Model
NT2 Space-Time Model
RT ABFST Equation

MULTIPHASE FLOW
DA March 1976
BT1 Fluid Flow
RT Gas Flow
RT Liquid Flow
RT Petroleum
DEF Simultaneous flow of two or more fluid phases in the same flow channel, whether pipeline, well tubing or reservoir rock.

MULTIPLE COLLISION METHOD [01]
RT Multiple Scattering

MULTIPLE PRODUCTION [01]
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
NT1 Pionization
RT Centauro-Type Events
RT Charge Distribution
RT Cluster Emission Model
RT Coherent Tube Model
RT Correlated-Particle Models
RT Limiting Fragmentation
RT Multiplicity

MULTIPLE SCATTERING [01]
BT1 Scattering
RT Faddeev Equations
RT Glauber Theory
RT Many-Body Problem
RT Moliere Theory
RT Multiple Collision Method

MULTIPLETS [01]
NT1 Particle Multiplets
NT2 Baryon Decuplets
NT2 Baryon Octets
NT2 Meson Nonets
NT2 Meson Octets
NT1 Supermultiplets
NT1 Triplets

MULTIPLEXERS [01]
BT1 Electronic Equipment
RT Data Transmission
RT Remote Multiplexing Systems

MULTIPLICATION FACTORS [01]
RT Criticality

RT Disadvantage Factor
RT Fast Fission Factor
RT Fission Neutrons
RT Resonance Escape Probability
RT Thermal Fission Factor
RT Thermal Utilization

MULTIPLICITY [01]
RT Eigenvalues
RT Multiple Production
RT Quantum Numbers

Multiplier Tubes
USE Electron Multipliers

MULTIPOLAR CONFIGURATIONS [01]
BT1 Closed Configurations
BT2 Magnetic Field Configurations
NT1 Hexapolar Configurations
NT1 Octupolar Configurations
NT1 Quadrupolar Configurations
RT FM Devices
RT Internal Ring Devices
RT LM Devices

MULTIPOLARITY [01]
RT Mixing Ratio
RT Multipole Radiation
RT Multipoles

MULTIPOLE RADIATION [01]
UF *Octupole Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Multipolarity
RT Multipoles

MULTIPOLE TRANSITIONS [01]
DA April 1978
BT1 Energy-Level Transitions
NT1 E0-Transitions
NT1 E1-Transitions
NT1 E2-Transitions
NT1 E3-Transitions
NT1 E4-Transitions
NT1 M1-Transitions
NT1 M2-Transitions
NT1 M3-Transitions
NT1 M4-Transitions

MULTIPOLES [01]
NT1 Dipoles
NT2 Electric Dipoles
NT2 Magnetic Dipoles
NT1 Hexadecapoles
NT1 Hexapoles
NT1 Octupoles
NT1 Quadrupoles
RT Mixing Ratio
RT Monopoles
RT Multipolarity
RT Multipole Radiation
RT Sternheimer Formula

Multisphere Neutron Detectors
USE Bonner Sphere Detectors

MULTIVIBRATORS [01]
UF *Schmitt Trigger Circuits*
BT1 Pulse Circuits
BT2 Electronic Circuits
NT1 Flip-Flop Circuits
RT Pulse Generators

Multiwire Drift Chambers
DA June 1975
USE Drift Chambers

MULTIWIRE IONIZATION CHAMBERS [01]
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments

MULTIWIRE PROPORTIONAL CHAMBERS [01]
UF *Charpak Chambers*
UF *MWPC*
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Drift Chambers
RT Ionization Chambers
RT Projection Spark Chambers
RT Wire Spark Chambers

Munich Research Reactor
USE FRM Reactor

MUNICIPAL WASTES
DA November 1975
BT1 Wastes
RT Black Clawson System
RT Refuse Derived Fuels
RT Scrap
DEF Wastes generated in households, commercial and business establishments, and institutions (schools, hospitals, etc.). It excludes industrial and animal wastes, abandoned automobiles, ashes, street sweepings, construction and demolition debris, and sewage sludges.

Munitions
DA August 1975
USE Ordnance

MUNTZ METAL [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Zinc Alloys
BT2 Alloys
RT Brass

MUON ANTINEUTRINOS [01]
BT1 Antineutrinos
BT2 Antileptons
BT3 Antiparticles
BT4 Antimatter
BT4 Elementary Particles
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT2 Neutrinos
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT3 Massless Particles
BT4 Elementary Particles
BT1 Muon Neutrinos
BT2 Neutrinos
BT3 Leptons
BT4 Elementary Particles
BT4 Fermions
BT3 Massless Particles
BT4 Elementary Particles

MUON BEAMS [01]
BT1 Lepton Beams
BT2 Particle Beams
BT3 Beams
RT Muon Probes

MUON DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Cosmic Ray Detection

MUON-DEUTERON INTERACTIONS
DA February 1975
BT1 Lepton-Baryon Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
RT Deuterons
RT Muons

MUON-MESON INTERACTIONS [01]
BT1 Lepton-Meson Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Muon-Pion Interactions

MUON-MUON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

MUON NEUTRINOS [01]
UF *Neutrettos*
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles
NT1 Muon Antineutrinos

MUON-NEUTRON INTERACTIONS [01]
BT1 Muon-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

MUON-NUCLEON INTERACTIONS [01]
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Muon-Neutron Interactions
NT1 Muon-Proton Interactions

MUON NUMBER [01]
DA April 1978
BT1 Lepton Number
RT Muons

MUON PAIRS [01]
DA October 1975
RT Muons Minus
RT Muons Plus
RT Pair Production

MUON-PION INTERACTIONS
DA December 1977
BT1 Muon-Meson Interactions
BT2 Lepton-Meson Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

MUON PROBES [01]
DA August 1976
BT1 Probes
RT Muon Beams
RT Muonium
RT Muons Plus
DEF Polarized positive muon beams used to investigate properties of condensed matter.

MUON-PROTON INTERACTIONS [01]
BT1 Muon-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

MUON REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions
BT1 Lepton Reactions
BT2 Nuclear Reactions

MUONIC ATOMS [01]
BT1 Atoms
RT Mesic Atoms
RT Muonic Ions
RT Muonic Molecules
RT Muons Minus

MUONIC IONS [01]
DA March 1978
BT1 Ions
BT2 Charged Particles
RT Muonic Atoms
RT Muonic Molecules

MUONIC MOLECULES [01]
BT1 Molecules

RT Mesic Molecules
RT Muonic Atoms
RT Muonic Ions
RT Muons Minus
RT Muons Plus

MUONIUM [01]
RT Atoms
RT Electrons
RT Muon Probes
RT Muons Plus
RT Positronium
RT Protonium

MUONS [01]
BT1 Leptons
BT2 Elementary Particles
BT2 Fermions
NT1 Cosmic Muons
NT1 Muons Minus
NT1 Muons Plus
RT Electron-Muon Universality
RT Heavy Neutral Muons
RT Muon-Deuteron Interactions
RT Muon Number

Muons, Heavy Neutral
DA August 1979
USE Heavy Neutral Muons

MUONS MINUS [01]
BT1 Muons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
RT Muon Pairs
RT Muonic Atoms
RT Muonic Molecules

MUONS PLUS [01]
UF *Antimuons*
BT1 Antileptons
BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT1 Muons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
RT Muon Pairs
RT Muon Probes
RT Muonic Molecules
RT Muonium

MUR REACTOR [01]
UF *NASA Mock-Up Reactor*
UF *NASA-MUR Reactor*
UF *NASA Plum Brook Mock-Up Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

MURA SYNCHROTRON [01]
UF *Mark V Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

MUREXIDE [01]
UF *Purpuric Acid*
BT1 Dyes
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Reagents

MURR REACTOR [01]
UF *Missouri University/Columbia Research Reactor*
UF *University of Missouri/Columbia Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Musashi Institute of Technology TRIGA Reactor
USE TRIGA-2-Musashi Reactor

MUSCLES [01]
UF+ *Muscular Tissue*
NT1 Myoblasts
NT1 Myocardium
RT Actin
RT Exercise
RT Limbs
RT Myoglobin
RT Myosarcomas
RT Radiation Syndrome
RT Tongue
RT Trichinosis

MUSCOVITE [01]
BT1 Mica
BT2 Minerals
DEF A mineral of the mica group: $KAl_2(AlSi_3)O_{10}(OH)_2$.

Musculamine
USE Spermine

Muscular Tissue
USE Muscles
AND Tissues

Museums
DA July 1979
USE Educational Facilities

MUSHROOMS [01]
BT1 Fungi
BT2 Plants

Mussels
USE Molluscs

Mustard
USE Brassica

Mustard (Nitrogen)
USE Nitrogen Mustard

MUTAGEN SCREENING
DA November 1978
UF *Ames Test*
BT1 Screening
RT Cell Cultures
RT Mutagenesis
RT Mutagens
RT Testing

MUTAGENESIS [01]
RT Genetic Control
RT Genotype
RT Mutagen Screening
RT Mutagens
RT Mutants
RT Mutations

Mutagenic Pathways
DA December 1978
USE Biological Pathways

MUTAGENS [01]
SF *Chemicals*
UF *Chemical Mutagens*
NT1 EMS
NT1 Methyl Methanesulfonate
NT1 Proflavine
RT Antibiotics
RT Antimitotic Drugs
RT Carcinogens
RT Drugs
RT Ionizing Radiations
RT Mutagen Screening
RT Mutagenesis
RT Nitrogen Mustard
RT Pesticides
RT Plant Breeding
RT Polycyclic Aromatic Hydrocarbons
RT Radiomimetic Drugs
RT Viruses

MUTANTS [01]
NT1 Revertants
RT Adventitious Bud Technique
RT Disease Resistance
RT Hereditary Diseases
RT Mutagenesis
RT Mutations
RT Plant Breeding

MUTATION FREQUENCY [01]
UF *Aberration Yield*
RT Mutations

Mutation Induction Pathways
DA December 1978
USE Biological Pathways

MUTATIONS [01]
NT1 Chromosomal Aberrations
NT2 Chromosome Breakage
NT1 Dominant Mutations
NT1 Gene Mutations
NT1 Genome Mutations
NT1 Lethal Mutations
NT1 Recessive Mutations
NT1 Sister Chromatid Exchanges
NT1 Somatic Mutations
NT1 Spontaneous Mutations
RT Adventitious Bud Technique
RT Congenital Malformations
RT Genetic Control
RT Genetic Effects
RT Hereditary Diseases
RT Meiosis
RT Mosaicism
RT Mutagenesis
RT Mutants
RT Mutation Frequency
RT Plant Breeding
RT Reproduction
RT Revertants

Mutsu (Nuclear Ship)
USE NS Mutsu

MUTSU REACTOR [01]
UF *Japan Ship Reactor Mutsu*
UF *Nuclear Ship Mutsu Reactor*
UF *Ship Reactor Mutsu*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT NS Mutsu

MWD SYSTEMS
(Sensors and data transmission equipment for real time measurements while drilling.)
DA December 1978
SF *Sigmaloy*
UF *Downhole Information Systems*
UF *Logging While Drilling*

UF *Measurements While Drilling*
RT Drilling
RT Offshore Drilling
RT Real Time Systems
RT Telemetry
RT Well Drilling
RT Well Logging

MWPC
USE Multiwire Proportional Chambers

MX Devices
(This was a valid descriptor prior to October 1, 1977.)
DA October 1977
USE MFTF Devices

MYCELIUM [01]
BT1 Plant Tissues
RT Fungi

MYCOBACTERIUM [01]
BT1 Bacteria
BT2 Microorganisms
NT1 Mycobacterium Tuberculosis
RT Leprosy

MYCOBACTERIUM TUBERCULOSIS [01]
BT1 Mycobacterium
BT2 Bacteria
BT3 Microorganisms
RT Tuberculosis

MYCOPLASMA [01]
BT1 Microorganisms
NT1 Acholeplasma Laidlawii B
RT Bacteria

MYCORRHIZAS
DA June 1977
RT Fungi
RT Symbiosis
DEF A symbiotic association of fungi and the roots of plants.

MYCOSES [01]
BT1 Infectious Diseases
BT2 Diseases
RT Fungi

MYELIN [01]
BT1 Lipoproteins
BT2 Lipids
BT3 Organic Compounds
BT2 Proteins
BT3 Organic Compounds
RT Cholesterol

MYELITIS [01]
BT1 Nervous System Diseases
BT2 Diseases
RT Spinal Cord

MYELOID LEUKEMIA [01]
BT1 Leukemia
BT2 Hemic Diseases
BT3 Diseases
BT2 Neoplasms
BT3 Diseases
RT Philadelphia Chromosome
RT Polycythemia

MYLAR [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyesters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Glycols

MYLERAN [01]
UF *Busulfan*
BT1 Alkylating Agents
BT2 Antimitotic Drugs
BT3 Drugs

MYOBLASTS [01]
BT1 Muscles
RT Myocardium

MYOCARDIAL INFARCTION [01]
BT1 Cardiovascular Diseases
BT2 Diseases
RT Blood Circulation
RT Coronaries
RT Ischemia
RT Myocardium

MYOCARDIUM [01]
BT1 Heart
BT2 Cardiovascular System
BT2 Organs
BT3 Body
BT1 Muscles
RT Coronaries
RT Myoblasts
RT Myocardial Infarction

MYOGLOBIN [01]
BT1 Globin
BT2 Proteins
BT3 Organic Compounds
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Muscles

Myometrium
USE Uterus

MYOSARCOMAS [01]
DA May 1975
BT1 Sarcomas
BT2 Neoplasms
BT3 Diseases
NT1 Rhabdomyosarcomas
RT Muscles

MYOSIN [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds

Myristic Acid
USE Tetradecanoic Acid

Myxedema
USE Hypothyroidism

MYXOMYCETES [01]
UF *Slime Fungi*
BT1 Fungi
BT2 Plants

MZFR REACTOR [01]
UF *Mehrzweck-Forschungsreaktor*
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

N CODES [01]
BT1 Computer Codes

N-D METHOD [01]
RT Dispersion Relations
RT Partial Waves

N-Ethyl Maleimide
DA August 1976
USE NEM

N-REACTOR [01]
UF *NPR Reactor*
UF *Richland NPR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
RT WNP-1 Reactor

N-1470 RESONANCES [01]
UF *Roper Resonance*
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1520 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1535 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1680 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1688 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1700 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1780 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons

BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1860 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-1990 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-2040 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-2190 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-2650 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N-3030 RESONANCES [01]
BT1 N*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

N SHELL
DA October 1978
UF *Atomic Shells (N)*
BT1 Electronic Structure

N-TYPE CONDUCTORS [01]
BT1 Semiconductor Materials

NABARLEK DEPOSIT [01]
DA August 1978
BT1 Geologic Deposits
RT Northern Territory
RT Uranium Ores

NAD [01]
UF *Coenzyme I*
UF *Nicotinamide-Adenine Dinucleotide*
BT1 Coenzymes
BT1 Nucleotides
BT2 Organic Compounds
RT Nicotinamide
RT Pyridines

NADH2 [01]
UF *Diphosphodihydropyridine Nucleotide*
BT1 Coenzymes
BT1 Nucleotides
BT2 Organic Compounds
RT Nicotinamide

NADP [01]
UF *Coenzyme II*
BT1 Coenzymes
BT1 Nucleotides
BT2 Organic Compounds
RT Nicotinamide

NAEGITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Zirconium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

NAGASAKI [01]
BT1 Japan
BT2 Asia
RT A-Bomb Survivors
RT Nuclear Explosions
RT Nuclear Weapons

NAHCOLITE
DA April 1975
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Sodium Minerals
BT2 Minerals
DEF White monoclinic mineral consisting of natural sodium bicarbonate.

NAI DETECTORS
DA February 1979
UF *Sodium Iodide Detectors*
BT1 Solid Scintillation Detectors
BT2 Scintillation Counters
BT3 Radiation Detectors
BT4 Measuring Instruments

NAIG Critical Assembly Japan
USE NCA Reactor

NAILS [01]
BT1 Skin
BT2 Organs
BT3 Body
RT Fingers

NAK COOLED REACTORS
DA February 1975
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 EBR-1 Reactor
NT1 S8DR Reactor
NT1 S2DS Reactor
NT1 SER Reactor
NT1 S8ER Reactor
NT1 S10FS-1 Reactor
NT1 S10FS-3 Reactor
NT1 S10FS-4 Reactor
NT1 SNAP-TSF Reactor
NT1 SNAPTRAN Reactors
RT Potassium Cooled Reactors
RT Sodium Cooled Reactors

NAL Synchrotron
(This was a valid descriptor prior to 1975.)
DA November 1975
USE Fermilab Accelerator

NAMAFJALL GEOTHERMAL FIELD
DA February 1975
BT1 Geothermal Fields
RT Iceland

NANO AMP BEAM CURRENTS [01]
DA October 1975
BT1 Beam Currents
BT2 Currents
DEF Beam currents from 10^{-9} amp to 10^{-6} amp.

NANOSEC LIVING RADIOISOTOPES
DA February 1975
BT1 Radioisotopes
BT2 Isotopes
NT1 Actinium 217
NT1 Astatine 213
NT1 Francium 215
NT1 Francium 216
NT1 Polonium 212
NT1 Radium 216
NT1 Radon 199
NT1 Radon 214
NT1 Thorium 218
RT Lifetime

NAP-M STORAGE RING [01]
DA October 1975
BT1 Storage Rings

NAPHTHA
(Boiling point range 0-204°C.)
DA February 1975
BT1 Coal Tar Oils
BT2 Oils
BT3 Other Organic Compounds
BT4 Organic Compounds
BT1 Petroleum Distillates
BT2 Distillates
BT2 Petroleum Fractions
BT3 Petroleum
BT4 Fossil Fuels
BT5 Energy Sources
BT5 Fuels
RT Ligroin
RT Petroleum Products
DEF Fraction of coal tar oil distilling in range 160-220°C; petroleum distilling in range 175-240°C.

NAPHTHALENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Acenaphthene
RT Decalin
RT Tetralin

Naphthalic Acid
USE Phthalic Acid

Naphthenes
DA March 1977
USE Cycloalkanes

NAPHTHOLS [01]
UF *Hydroxynaphthalenes*
UF *Naphthols-Alpha*
UF *Naphthols-Beta*
BT1 Phenols

BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
NT1 Acid Chrome Dyes
NT1 Beryllon
NT1 1-Nitroso-2-Naphthol
NT1 Nitroso-R Salt
NT1 PAN
NT1 Thorin
NT1 Trypan Blue

Naphthols-Alpha
USE Naphthols

Naphthols-Beta
USE Naphthols

NAPHTHYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

Naphthylhydroxylamine, N-Nitroso-
DA April 1975
USE Neocupferron

NARCOTICS [01]
BT1 Drugs
NT1 Heroin
NT1 Methadone Hydrochloride
NT1 Morphine
RT Analgesics
RT Anesthetics
RT Enkephalins
RT Hypnotics and Sedatives

NARORA-1 REACTOR [01]
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

NARORA-2 REACTOR [01]
DA May 1975
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

NASA [01]
UF *National Aeronautics and Space Administration*
BT1 US Organizations
BT2 National Organizations

NASA Mock-Up Reactor
USE MUR Reactor

NASA-MUR Reactor
USE MUR Reactor

NASA Plum Brook Mock-Up Reactor
USE MUR Reactor

NASA-Test Reactor
USE PBR Reactor

NASA-TR Reactor
USE PBR Reactor

NASA-ZPR-1 REACTOR [01]
UF *Zero Power Reactor-1 NASA*
UF *ZPR-1 NASA*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

NASA-ZPR-2 REACTOR [01]
UF *Zero Power Reactor-2 NASA*
UF *ZPR-2 NASA*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Nasopharynx
USE Pharynx

National Accelerator Laboratory
DA April 1975
USE Fermilab Accelerator

National Aeronautics and Space Administration
USE NASA

National Bureau of Standards
DA April 1978
USE US NBS

National Bureau Of Standards Reactor
USE NBSR Reactor

NATIONAL CONTROL [01]
BT1 Atomic Energy Control
RT Reactor Commissioning
RT Reactor Decommissioning
RT Reactor Dismantling

National Council Radiation Protection
USE US NCRP

NATIONAL DEFENSE [01]
NT1 Civil Defense
RT Military Facilities
RT Missile Silos
RT Nuclear Weapons
RT Warfare

NATIONAL ENERGY ACT
DA January 1979
RT Laws
RT National Energy Plan
DEF Act passed by Congress.

NATIONAL ENERGY PLAN
(The plan proposed by President Carter in April, 1977.)
DA June 1977
BT1 Energy Policy
BT2 Government Policies
RT Energy Conservation
RT Energy Sources
RT Energy Supplies
RT National Energy Act

National Enterprises
DA July 1979
USE Public Enterprises

NATIONAL ENVIRONMENTAL POLICY ACT
DA June 1975
UF *NEPA*
BT1 Laws
RT Environment
RT Environmental Impact Statements
RT Environmental Policy

NATIONAL GOVERNMENT
(Use only when needed in conjunction with one or both of the terms LOCAL GOVERNMENT and STATE GOVERNMENT.)
DA March 1978
RT Federal Assistance Programs
RT Government Policies
RT Legislation
RT Local Government
RT National Organizations
RT Regulations
RT State Government

National Instituut Voor Kernfysica en Hogeenergiefysica
DA October 1977
USE NIKHEF

NATIONAL ORGANIZATIONS [01]
NT1 Australian Organizations
NT2 AAEC
NT1 Brazilian Organizations
NT2 Nuclebras
NT1 Chalk River Nuclear Labs
NT1 Czechoslovak Organizations
NT2 UJV
NT2 UVVVR
NT1 Danish Organizations
NT2 Danish Atomic Energy Commission
NT2 Risoe National Laboratory
NT2 Risoe Research Establishment
NT1 Finnish Organizations
NT1 French Organizations
NT2 CEA
NT3 CEA Cadarache
NT3 CEA Fontenay-Aux-Roses
NT3 CEA Grenoble
NT3 CEA la Hague
NT3 CEA Marcoule
NT3 CEA Pierrelatte
NT3 CEA Saclay
NT2 Cogema
NT3 Cogema La Hague
NT3 Cogema Marcoule
NT3 Cogema Pierrelatte
NT1 German DR Organizations
NT2 ZFK Rossendorf
NT1 German FR Organizations
NT2 Ges Fuer Reaktorsicherheit
NT2 IPP Garching
NT2 Kernforschungsanlage Juelich
NT2 Kernforschungszentrum Karlsruhe
NT2 Reaktorsicherheitskommission
NT2 WAK
NT1 Indian Organizations
NT2 BARC
NT2 Kalpakkam Reactor Research Center
NT1 Iranian Organizations
NT2 Iranian Atomic Energy Organization
NT2 Tehran Nuclear Research Centre
NT1 Italian Organizations
NT2 AGIP Nucleare
NT2 CISE
NT2 CNEN
NT1 Japanese Organizations
NT2 JAERI
NT2 JNSDA
NT2 PNC
NT1 Mexican Organizations
NT1 Netherlands Organizations
NT2 ECN
NT2 IKO
NT2 IRI
NT2 KVI
NT2 NIKHEF
NT2 RCN
NT1 Norwegian Organizations
NT1 Philippine Organizations
NT2 Philippine Atomic Energy Commission
NT3 Philippine Atomic Research Center
NT1 South African Organizations
NT1 Spanish Organizations
NT1 Swedish Organizations
NT1 United Kingdom Organizations
NT2 NCSR
NT2 UKAEA
NT3 AERE
NT1 US NBS
NT1 US Organizations
NT2 Federal Power Commission
NT2 Federal Radiation Council
NT2 NASA
NT2 National Science Foundation
NT2 Naval Research Laboratory
NT2 ORAU
NT2 Tennessee Valley Authority
NT2 UCLA
NT2 US AEC
NT3 Ames Laboratory
NT3 ANL
NT3 Bettis
NT3 BNL
NT3 Feed Materials Production Center

NT3 HAPO
NT3 Idaho Chemical Processing Plant
NT3 KAPL
NT3 LASL
NT3 Lawrence Berkeley Laboratory
NT3 Lawrence Livermore Laboratory
NT3 Mound Laboratory
NT3 ORNL
NT3 Paducah Plant
NT3 Rocky Flats Plant
NT3 Sandia Laboratories
NT3 Savannah River Plant
NT3 Sequoyah UF6 Production Plant
NT3 Y-12 Plant
NT2 US Bureau of Mines
NT2 US Coast Guard
NT2 US Department of Treasury
NT2 US DOA
NT2 US DOC
NT2 US DOD
NT2 US DOE
NT3 Ames Laboratory
NT3 ANL
NT3 Atomics International Canoga Park Plant
NT3 Bartlesville Energy Technology Center
NT3 Battelle Pacific Northwest Laboratories
NT3 Bettis
NT3 BNL
NT3 Bonneville Power Administration
NT3 Energy Extension Service
NT3 Feed Materials Production Center
NT3 Hanford Reservation
NT3 HAPO
NT3 Idaho Chemical Processing Plant
NT3 Idaho National Engineering Laboratory
NT3 KAPL
NT3 Laramie Energy Research Center
NT3 Laramie Energy Technology Center
NT3 LASL
NT3 Lawrence Berkeley Laboratory
NT3 Lawrence Livermore Laboratory
NT3 Mound Laboratory
NT3 ORNL
NT3 Paducah Plant
NT3 Pantex Plant
NT3 Pinellas Plant
NT3 Pittsburgh Energy Technology Center
NT3 Portsmouth Gaseous Diffusion Plant
NT3 Rocky Flats Plant
NT3 Sandia Laboratories
NT3 Savannah River Plant
NT3 Sequoyah UF6 Production Plant
NT3 Solar Energy Research Institute
NT3 Stanford Linear Accelerator Center
NT3 US FERC
NT3 Y-12 Plant
NT2 US DOI
NT2 US DOJ
NT2 US DOL
NT2 US DOT
NT2 US EPA
NT2 US ERDA
NT3 Ames Laboratory
NT3 ANL
NT3 Atomics International Canoga Park Plant
NT3 Battelle Pacific Northwest Laboratories
NT3 Bettis
NT3 BNL
NT3 Feed Materials Production Center
NT3 Hanford Reservation
NT3 HAPO
NT3 Idaho Chemical Processing Plant
NT3 Idaho National Engineering Laboratory
NT3 KAPL
NT3 Laramie Energy Research Center
NT3 LASL
NT3 Lawrence Berkeley Laboratory
NT3 Lawrence Livermore Laboratory
NT3 Mound Laboratory
NT3 ORNL
NT3 Paducah Plant
NT3 Pantex Plant
NT3 Pinellas Plant
NT3 Portsmouth Gaseous Diffusion Plant
NT3 Rocky Flats Plant
NT3 Sandia Laboratories
NT3 Savannah River Plant
NT3 Sequoyah UF6 Production Plant
NT3 Stanford Linear Accelerator Center
NT3 Y-12 Plant
NT2 US FAA
NT2 US FDA
NT2 US FEA
NT2 US GAO
NT2 US GSA
NT2 US HEW
NT2 US HUD
NT2 US IRS
NT2 US National Academy of Science
NT2 US NCRP
NT2 US NRC
NT2 US OSHA
NT2 US Postal Service
NT2 US Veterans Administration
NT1 USSR Organizations
NT2 Gosatomnadzor
NT2 IHEP
NT2 Leningrad Institute of Nuclear Physics
RT National Government

National Reactor Testing Station
USE Idaho National Engineering Laboratory

National Reactor Testing Station Burst Facility
USE PBF Reactor

NATIONAL SCIENCE FOUNDATION [01]
DA January 1975
BT1 US Organizations
BT2 National Organizations

National Synchrotron Light Source
DA April 1979
USE NSLS

NATO
(North Atlantic Treaty Organization.)
DA February 1976
BT1 International Organizations
RT CCMS

NATROAUTUNITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Natural Activity
USE Natural Radioactivity

Natural Circulation
USE Natural Convection

NATURAL CONVECTION [01]
UF *Free Convection*
UF *Natural Circulation*
BT1 Convection
RT Natural Draft Cooling Towers

Natural Depletion
DA February 1979
USE Primary Recovery

NATURAL DRAFT COOLING TOWERS
DA February 1975
BT1 Cooling Towers
RT Cooling
RT Heat Exchangers
RT Natural Convection

NATURAL GAS [01]
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
BT1 Fuel Gas
BT2 Energy Sources
BT2 Gas Fuels
BT3 Fuels
BT2 Gases
BT3 Fluids
NT1 Liquefied Natural Gas
RT Alaska Gas Pipeline
RT Arctic Gas Pipelines
RT Deregulation
RT Drilling Rigs
RT Gas Hydrates
RT Gas Meters
RT Gas Spills
RT Gasbuggy Event
RT LNG Plants
RT Natural Gas Deposits
RT Natural Gas Distribution Systems
RT Natural Gas Industry
RT Natural Gas Wells
RT Polar Gas Project
RT Primary Recovery
RT Public Utilities
RT Refinery Gases
RT Rio Blanco Event
RT Rulison Event
RT Storage Facilities
RT Wagon Wheel Event

Natural Gas Appliances
DA June 1977
USE Gas Appliances

NATURAL GAS DEPOSITS
DA September 1975
BT1 Geologic Deposits
BT1 Resources
NT1 Gas Condensate Fields
NT1 Natural Gas Fields
RT Acidization
RT Geologic Traps
RT Geophysical Surveys
RT Geopressured Systems
RT Natural Gas
RT Petroleum Geology
RT Reserves
RT Seeps
RT Well Logging Equipment

NATURAL GAS DISTRIBUTION SYSTEMS
DA November 1976
UF *Natural Gas Gathering Systems*
RT Energy Transport
RT Gas Utilities
RT Natural Gas
RT Pipelines

NATURAL GAS FIELDS
DA March 1976
UF *Gas Fields*
BT1 Natural Gas Deposits
BT2 Geologic Deposits
BT2 Resources
RT Gas Condensate Fields
RT Natural Gas Wells
RT Reservoir Fluids
RT Reservoir Rock
RT Well Spacing

DEF An area underlain with little or no interruption by one or more reservoirs of commerically valuable gas.

NATURAL GAS FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells

Natural Gas Gathering Systems
DA January 1977
USE Natural Gas Distribution Systems

NATURAL GAS INDUSTRY
DA November 1975
BT1 Industry
NT1 LNG Industry
RT Gas Utilities
RT Natural Gas
RT Natural Gas Processing Plants

NATURAL GAS LIQUIDS
DA June 1975
UF *Natural Gasoline*
UF *NGL*
NT1 Lease Condensates
NT1 Liquefied Petroleum Gases
RT Liquefied Natural Gas
DEF Liquid hydrocarbon mixtures that are gaseous at reservoir temperatures and pressures, but are recoverable by condensation or absorption. Natural gasoline and liquefied petroleum gases fall into this category.

NATURAL GAS PROCESSING PLANTS
DA July 1976
UF *Natural Gasoline Plants*
BT1 Industrial Plants
RT Natural Gas Industry

NATURAL GAS WELLS
DA October 1975
UF *Gas Wells*
BT1 Wells
RT Abandoned Wells
RT Blowout Preventers
RT Drill Stem Testing
RT Dry Holes
RT Exploratory Wells
RT Hydraulic Equipment
RT Interstitial Water
RT Natural Gas
RT Natural Gas Fields
RT Packings
RT Propping Agents
RT Water Influx
RT Well Completion
RT Well Pressure
RT Wellhead Prices
RT Wellheads

Natural Gasoline
DA July 1976
USE Natural Gas Liquids

Natural Gasoline Plants
DA July 1976
USE Natural Gas Processing Plants

Natural Mutations
DA May 1978
USE Spontaneous Mutations

NATURAL NUCLEAR REACTORS [01]
DA February 1979
NT1 Oklo Phenomenon
RT Chain Reactions
RT Criticality
RT Uranium Ores

NATURAL OCCURRENCE
DA April 1975
RT Earth Crust
RT Geochemistry
RT Isotope Ratio
RT Ore Composition

NATURAL RADIOACTIVITY [01]
(For unspecified naturally occurring radioisotopes only; not for background radiation.)
UF *Natural Activity*
BT1 Radioactivity
RT Background Radiation
RT Daughter Products
RT Gamma Logging
RT Polonium
RT Potassium 40
RT Radium
RT Radon
RT Thorium
RT Uranium

NATURAL RUBBER [01]
UF *Rubber (Natural)*
BT1 Rubbers
BT2 Elastomers
BT3 Polymers
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Dielectric Materials
RT Rubber Trees

NATURAL STEAM
DA January 1975
UF *Geothermal Steam*
BT1 Geothermal Fluids
BT2 Fluids
BT1 Steam
DEF Geothermal steam-contains incondensible gases (typically CO_2 and H_2S) with minor amounts of other gases.

NATURAL UNITS [01]
(Based on fundamental constants.)
BT1 Units
NT1 Uniton
RT Fundamental Constants

NATURAL URANIUM [01]
BT1 Uranium
BT2 Actinides
BT3 Metals
BT4 Elements

NATURAL URANIUM REACTORS [01]
(Reactors primarily fuelled with NATURAL URANIUM.)
BT1 Reactors
NT1 Agesta Reactor
NT1 AQUILON Reactor
NT1 Atucha Reactor
NT1 BEPO Reactor
NT1 Bohunice A-1 Reactor
NT1 Bohunice A-2 Reactor
NT1 BR-1 Reactor
NT1 Bruce-1 Reactor
NT1 Bruce-2 Reactor
NT1 Bruce-3 Reactor
NT1 Bruce-4 Reactor
NT1 Bruce-5 Reactor
NT1 Bruce-6 Reactor
NT1 Bruce-7 Reactor
NT1 Bruce-8 Reactor
NT1 Cesar Reactor
NT1 Cirus Reactor
NT1 Cordoba Reactor
NT1 CP-1 Reactor
NT1 CP-2 Reactor
NT1 CP-3 Reactor
NT1 Darlington-4 Reactor
NT1 Diorit Reactor
NT1 Douglas Point Ontario Reactor
NT1 ECO Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 ESSOR Reactor
NT1 FR-2 Reactor
NT1 Gentilly Reactor
NT1 Gentilly-2 Reactor
NT1 Gleep Reactor
NT1 HEW-305 Reactor
NT1 JATR Reactor
NT1 JEEP-1 Reactor
NT1 JRR-3 Reactor
NT1 KANUPP Reactor
NT1 Magnox Type Reactors
NT2 Berkeley Reactor
NT2 Bradwell Reactor
NT2 Calder Hall A-1 Reactor
NT2 Calder Hall A-2 Reactor
NT2 Calder Hall B-3 Reactor
NT2 Calder Hall B-4 Reactor
NT2 Chapelcross-1 Reactor
NT2 Chapelcross-2 Reactor
NT2 Chapelcross-3 Reactor
NT2 Chapelcross-4 Reactor
NT2 Dungeness-A Reactor
NT2 Hinkley Point-A Reactor
NT2 Hunterston-A Reactor
NT2 Latina Reactor
NT2 Oldbury-A Reactor
NT2 Sizewell-A Reactor
NT2 Tokai-Mura Reactor
NT2 Trawsfynydd Reactor
NT2 Wylfa Reactor
NT1 Marius Reactor
NT1 MZFR Reactor
NT1 Narora-1 Reactor
NT1 Narora-2 Reactor
NT1 NPD Reactor
NT1 NRU Reactor
NT1 NRX Reactor
NT1 Pickering-1 Reactor
NT1 Pickering-2 Reactor
NT1 Pickering-3 Reactor
NT1 Pickering-4 Reactor
NT1 Pickering-5 Reactor
NT1 Pickering-6 Reactor
NT1 Pickering-7 Reactor
NT1 Pickering-8 Reactor
NT1 Point Lepreau-1 Reactor
NT1 PSE Reactor
NT1 R-B Reactor
NT1 R-0 Reactor
NT1 R-1 Reactor
NT1 Rajasthan-1 Reactor
NT1 Rajasthan-2 Reactor
NT1 Rolphton NPD-2 Reactor
NT1 Taiwan Research Reactor
NT1 Troitsk Reactor
NT1 Trombay R-5 Reactor
NT1 Windscale Production Reactors
NT1 Wolsung-1 Reactor
NT1 X-10 Reactor
NT1 ZED-2 Reactor
NT1 ZEEP Reactor
NT1 Zephyr Reactor
NT1 ZEUS Reactor
RT EBR-1 Reactor
RT EOLE Reactor
RT Nora Reactor
RT PDP Reactor

NATURE RESERVES
DA August 1978
UF *Environmental Parks*
UF *Wilderness Areas*
BT1 Resources
RT Biosphere
RT Ecosystems
RT Environment
RT Land Use

NAUSEA [01]
BT1 Symptoms
RT Digestive System Diseases

NAVAL RESEARCH LABORATORY [01]
BT1 US Organizations
BT2 National Organizations

NAVIER-STOKES EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Incompressible Flow
RT Viscous Flow

NAVIGATIONAL INSTRUMENTS [01]
RT Aircraft
RT Buoys
RT Electronic Guidance

RT Inertial Guidance
RT Rockets
RT Ships
RT Space Vehicles

NBSR REACTOR [01]
UF *National Bureau Of Standards Reactor*
UF *US NBS Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

NCA REACTOR [01]
UF *Japan NCA Reactor*
UF *NAIG Critical Assembly Japan*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

NCSCR-1 REACTOR [01]
UF *North Carolina State College Research Reactor-1*
UF *Raleigh-NCSC Research Reactor-1*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

NCSCR-2 REACTOR [01]
UF *North Carolina State College Research Reactor-2*
UF *Raleigh-NCSC Research Reactor-2*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

NCSCR-3 REACTOR [01]
UF *NCSUR-3 Reactor*
UF *North Carolina State College Research Reactor-3*
UF *Raleigh-NCSC Research Reactor-3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

NCSCR-4 REACTOR [01]
UF *North Carolina State College Research Reactor-4*
UF *Raleigh-NCSC Research Reactor-4*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

NCSR [01]
(National Centre of Systems Reliability.)
DA June 1976
BT1 United Kingdom Organizations
BT2 National Organizations
RT Systems Analysis

NCSUR-3 Reactor
USE NCSCR-3 Reactor

NCUSPR Reactor
USE Pulstar-Raleigh Reactor

NDA Remote Experiment Station
USE PRR Reactor

NEA [01]
UF *Nuclear Energy Agency*
BT1 OECD
BT2 International Organizations
NT1 ENEA

NEAR INFRARED RADIATION [01]
BT1 Infrared Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

NEAR ULTRAVIOLET RADIATION [01]
(Wavelength range 4000-2000 A.)
BT1 Ultraviolet Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

NEBRASKA [01]
BT1 Midwest Region
BT1 USA
BT2 North America
RT Missouri River
RT North Platte River Basin

NEBULAE [01]
NT1 Crab Nebula
NT1 Planetary Nebulae
NT1 Solar Nebula
RT Cosmic Dust
RT Cosmic Gases
RT Galaxies
RT H2 Regions

NECK [01]
BT1 Body Areas
BT2 Body
RT Carotid Arteries
RT Larynx
RT Parathyroid Glands
RT Pharynx
RT Thyroid

NECKAR REACTOR [01]
UF *Gemeinschaftskernkraftwerk Neckar*
UF *GKN Reactor (Neckar)*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

NECROSIS [01]
BT1 Pathological Changes
BT2 Diseases
NT1 Gangrene
NT1 Osteoradionecrosis
RT Fistulae
RT Ischemia
RT Ulcers
RT Wounds

NEEDLE CHAMBERS [01]
DA June 1975
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments

Neel Point
USE Neel Temperature

NEEL TEMPERATURE [01]
UF *Neel Point*
BT1 Transition Temperature
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Antiferromagnetism
RT Magnetic Susceptibility

NEGATIVE ENERGY STATES [01]
BT1 Energy Levels

Negative Ions
USE Anions

NEGATIVE MASS [01]
BT1 Hypothesis
BT1 Mass
RT Relativity Theory

NEGATIVE MASS EFFECT [01]
RT Beam Dynamics
RT Negative Mass Instability
RT Plasma Instability

NEGATIVE MASS INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Negative Mass Effect

Negatons
USE Electrons

Negatrons
USE Electrons

NELKIN THEORY [01]
BT1 Transport Theory

NELSON RIVER
DA October 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters

RT Canada

NEM [01]
DA August 1976
UF *N-Ethyl Maleimide*
BT1 Imides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Radiosensitizers
BT2 Drugs
BT2 Response Modifying Factors

NEMATODES [01]
UF *Worms (Round)*
BT1 Invertebrates
BT2 Animals
NT1 Ascaridae
NT1 Ascaris
NT1 Dictyocaulus
NT1 Hookworm
NT1 Nippostrongylus
NT1 Syngamus
NT1 Trichinella
RT Filariasis
RT Helminths
RT Parasites

NEMBUTAL [01]
UF *Pentobarbital*
BT1 Barbiturates
BT2 Hypnotics and Sedatives
BT3 Drugs
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

NEOCLASSICAL TRANSPORT THEORY
DA January 1979
BT1 Transport Theory
RT Plasma

NEOCUPFERRON
DA April 1975
UF *Naphthylhydroxylamine, N-Nitroso-*
BT1 Hydroxylamine
BT2 Amines
BT3 Organic Compounds

NEODYMIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

NEODYMIUM 129 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEODYMIUM 130 [01]
DA January 1975
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 131 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEODYMIUM 132 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 133 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 134 [01]
DA February 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 135 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 136 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 137 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 138 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 139 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 140 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 141 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 142 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

NEODYMIUM 143 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes

BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

NEODYMIUM 144 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEODYMIUM 145 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

NEODYMIUM 146 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

NEODYMIUM 147 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 148 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

NEODYMIUM 149 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 150 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Neodymium 150 Reactions

NEODYMIUM 151 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 152 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM 154 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

NEODYMIUM ADDITIONS [01]
BT1 Neodymium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

NEODYMIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Neodymium Additions
NT1 Neodymium Base Alloys

NEODYMIUM BASE ALLOYS [01]
BT1 Neodymium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

NEODYMIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

NEODYMIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Neodymium Borides
NT1 Neodymium Bromides
NT1 Neodymium Carbides
NT1 Neodymium Carbonates
NT1 Neodymium Chlorides
NT1 Neodymium Fluorides
NT1 Neodymium Hydrides
NT1 Neodymium Hydroxides
NT1 Neodymium Iodides
NT1 Neodymium Nitrates
NT1 Neodymium Nitrides
NT1 Neodymium Oxides
NT1 Neodymium Perchlorates
NT1 Neodymium Phosphates
NT1 Neodymium Silicates
NT1 Neodymium Silicides
NT1 Neodymium Sulfates
NT1 Neodymium Sulfides
NT1 Neodymium Tellurides
NT1 Neodymium Tungstates

NEODYMIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Neodymium Compounds
BT2 Rare Earth Compounds

NEODYMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

NEODYMIUM ISOTOPES [01]
NT1 Neodymium 129
NT1 Neodymium 130
NT1 Neodymium 131
NT1 Neodymium 132
NT1 Neodymium 133
NT1 Neodymium 134
NT1 Neodymium 135
NT1 Neodymium 136
NT1 Neodymium 137
NT1 Neodymium 138
NT1 Neodymium 139
NT1 Neodymium 140
NT1 Neodymium 141
NT1 Neodymium 142
NT1 Neodymium 143
NT1 Neodymium 144
NT1 Neodymium 145
NT1 Neodymium 146
NT1 Neodymium 147

NT1 Neodymium 148
NT1 Neodymium 149
NT1 Neodymium 150
NT1 Neodymium 151
NT1 Neodymium 152
NT1 Neodymium 154

NEODYMIUM LASERS [01]
BT1 Solid State Lasers
BT2 Lasers
RT Omega Facility
RT Shiva Facility

NEODYMIUM NITRATES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

NEODYMIUM NITRIDES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

NEODYMIUM OXIDES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

NEODYMIUM PERCHLORATES [01]
DA January 1975
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

NEODYMIUM PHOSPHATES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

NEODYMIUM 150 REACTIONS [01]
DA June 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Neodymium 150

NEODYMIUM SILICATES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

NEODYMIUM SILICIDES [01]
DA May 1975
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

NEODYMIUM SULFATES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

NEODYMIUM SULFIDES [01]
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

NEODYMIUM 142 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 143 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 144 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 145 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 146 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 148 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM 150 TARGET [01]
DA July 1976
BT1 Targets

NEODYMIUM TELLURIDES [01]
DA January 1975
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

NEODYMIUM TUNGSTATES
DA June 1977
BT1 Neodymium Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

Neogene Period
DA October 1977
USE Tertiary Period

NEOHYDRIN [01]
UF *Chlormerodrin*
BT1 Diuretics
BT2 Drugs

Neomycin
USE Antibiotics

NEON [01]
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements

NEON 16 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 17 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 18 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEON 19 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEON 20 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Neon 20 Beams
RT Neon 20 Reactions

NEON 21 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Stable Isotopes
BT2 Isotopes

NEON 22 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Neon 22 Beams
RT Neon 22 Reactions

NEON 23 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEON 24 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neon Isotopes

NEON 25 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 26 [01]
DA February 1975
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 27 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes

BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 28
DA April 1979
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Neon Isotopes

NEON 20 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Neon 20

NEON 22 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Neon 22

NEON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neon Compounds
BT2 Rare Gas Compounds

NEON COMPLEXES [01]
BT1 Complexes

NEON COMPOUNDS [01]
BT1 Rare Gas Compounds
NT1 Neon Chlorides
NT1 Neon Fluorides
NT1 Neon Hydrides
NT1 Neon Iodides
NT1 Neon Oxides

NEON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neon Compounds
BT2 Rare Gas Compounds

NEON HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Neon Compounds
BT2 Rare Gas Compounds

NEON IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Neon Compounds
BT2 Rare Gas Compounds

NEON IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

NEON ISOTOPES [01]
NT1 Neon 16
NT1 Neon 17
NT1 Neon 18
NT1 Neon 19
NT1 Neon 20
NT1 Neon 21
NT1 Neon 22
NT1 Neon 23
NT1 Neon 24
NT1 Neon 25
NT1 Neon 26
NT1 Neon 27
NT1 Neon 28

NEON OXIDES [01]
BT1 Neon Compounds
BT2 Rare Gas Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

NEON 20 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Neon 20

NEON 22 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Neon 22

NEON 20 TARGET [01]
DA July 1976
BT1 Targets

NEON 21 TARGET [01]
DA July 1976
BT1 Targets

NEON 22 TARGET [01]
DA July 1976
BT1 Targets

NEONATES [01]
DA March 1976
SF *Newborns*
BT1 Animals
NT1 Infants
DEF Newborn Animals.

Neopentane
USE 2-2-Dimethylpropane

NEOPLASMS [01]
UF *Astrocytomas*
UF *Cancer*
UF *Tumors*
UF+ *Glioblastomas*
UF+ *Gliomas*
BT1 Diseases
NT1 Adenomas
NT1 Angiomas
NT1 Carcinomas
NT1 Epitheliomas
NT1 Experimental Neoplasms
NT2 Ehrlich Ascites Tumor
NT1 Hepatomas
NT1 Leukemia
NT2 Myeloid Leukemia
NT1 Lymphomas
NT2 Hodgkins Disease
NT2 Lymphosarcomas
NT1 Melanomas
NT1 Sarcomas
NT2 Fibrosarcomas
NT2 Lymphosarcomas
NT2 Myosarcomas
NT3 Rhabdomyosarcomas
NT2 Osteosarcomas
RT Antimitotic Drugs
RT Ascites Tumor Cells
RT Bleomycin
RT Carcinogenesis
RT Carcinogens
RT Delayed Radiation Effects
RT Granulomas
RT In Vivo
RT Metastases
RT Tumor Cells

NEOPRENE [01]
UF *2-Chloro-1,3-Butadiene*
UF *Chlorobutadiene*
UF *Chloroprene*
BT1 Elastomers
BT2 Polymers
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
RT Butadiene

NEP-1 REACTOR [01]
DA January 1977
UF *New England Power Company Nuclear Project-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NEP-2 REACTOR [01]
DA January 1977
UF *New England Power Company Nuclear Project-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NEPA
DA June 1975
USE National Environmental Policy Act

NEPAL [01]
BT1 Asia

NEPHRECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Kidneys

NEPHRITIS [01]
BT1 Urogenital System Diseases
BT2 Diseases
RT Kidneys

NEPHROSCLEROSIS [01]
BT1 Cardiovascular Diseases
BT2 Diseases
BT1 Urogenital System Diseases
BT2 Diseases
RT Kidneys

NEPTEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

NEPTUNE PLANET [01]
BT1 Planets

NEPTUNE REACTOR [01]
UF *Derby ZPR Neptune*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

NEPTUNIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transuranium Elements
BT2 Elements
NT1 Neptunium-Alpha
NT1 Neptunium-Beta
NT1 Neptunium-Gamma

NEPTUNIUM 227 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 228 [01]
BT1 Actinide Nuclei

BT2 Heavy Nuclei
BT3 Nuclei
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 229 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 230 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 231 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 233 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 234 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 235 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEPTUNIUM 236 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEPTUNIUM 237 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NEPTUNIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 239 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 241 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM 242
DA July 1979
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NEPTUNIUM 243
DA April 1979
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Neptunium Isotopes
BT2 Actinide Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NEPTUNIUM ADDITIONS [01]
BT1 Neptunium Alloys
BT2 Actinide Alloys
BT3 Alloys

NEPTUNIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Neptunium Additions
NT1 Neptunium Base Alloys

NEPTUNIUM-ALPHA [01]
BT1 Neptunium
BT2 Actinides
BT3 Metals

BT4 Elements
BT2 Transuranium Elements
BT3 Elements

NEPTUNIUM ARSENIDES [01]
DA January 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM BASE ALLOYS [01]
BT1 Neptunium Alloys
BT2 Actinide Alloys
BT3 Alloys

NEPTUNIUM-BETA [01]
BT1 Neptunium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

NEPTUNIUM BORIDES [01]
DA April 1975
BT1 Borides
BT2 Boron Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

NEPTUNIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Neptunium Arsenides
NT1 Neptunium Borides
NT1 Neptunium Bromides
NT1 Neptunium Carbides
NT1 Neptunium Carbonates
NT1 Neptunium Chlorides
NT1 Neptunium Fluorides
NT1 Neptunium Hydrides
NT1 Neptunium Hydroxides
NT1 Neptunium Iodides
NT1 Neptunium Nitrates
NT1 Neptunium Nitrides
NT1 Neptunium Oxides
NT1 Neptunium Perchlorates
NT1 Neptunium Phosphides
NT1 Neptunium Selenides
NT1 Neptunium Sulfates
NT1 Neptunium Sulfides
NT1 Neptunium Tellurides
NT1 Neptunyl Compounds

NEPTUNIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM-GAMMA [01]
BT1 Neptunium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

NEPTUNIUM HYDRIDES [01]
DA March 1976
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NEPTUNIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

NEPTUNIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Neptunium 227
NT1 Neptunium 228
NT1 Neptunium 229
NT1 Neptunium 230
NT1 Neptunium 231
NT1 Neptunium 232
NT1 Neptunium 233
NT1 Neptunium 234
NT1 Neptunium 235
NT1 Neptunium 236
NT1 Neptunium 237
NT1 Neptunium 238
NT1 Neptunium 239
NT1 Neptunium 240
NT1 Neptunium 241
NT1 Neptunium 242
NT1 Neptunium 243

NEPTUNIUM NITRATES [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

NEPTUNIUM NITRIDES [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

NEPTUNIUM OXIDES [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

NEPTUNIUM PERCHLORATES [01]
DA January 1975
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds

NEPTUNIUM PHOSPHIDES [01]
DA January 1975
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

NEPTUNIUM SELENIDES [01]
DA January 1976
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

NEPTUNIUM SULFATES [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

NEPTUNIUM SULFIDES [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

NEPTUNIUM 232 TARGET [01]
DA August 1976
BT1 Targets

NEPTUNIUM 237 TARGET [01]
DA July 1976
BT1 Targets

NEPTUNIUM 238 TARGET [01]
DA March 1978
BT1 Targets

NEPTUNIUM 239 TARGET
DA August 1979
BT1 Targets

NEPTUNIUM TELLURIDES [01]
DA January 1975
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

NEPTUNYL COMPOUNDS [01]
BT1 Neptunium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NERNST EFFECT [01]
UF *Nernst-Ettinghausen Effect*
RT Hall Effect
DEF When heat flows across the lines of a magnetic field, an EMF is produced in the mutually perpendicular direction.

Nernst-Ettinghausen Effect
USE Nernst Effect

NERNST HEAT THEOREM [01]
RT Thermodynamics

NERO REACTOR [01]
UF *New Experimental Reactor 0*
UF *UKAEA-Nero Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

NERVA NRX-A4 Engine System Test Reactor
USE NRX-A4-Est Reactor

NERVA NRX-A1 Reactor
DA February 1975
USE NRX-A1 Reactor

NERVA NRX-A2 Reactor
USE NRX-A2 Reactor

NERVA NRX-A3 Reactor
USE NRX-A3 Reactor

NERVA NRX-A5 Reactor
USE NRX-A5 Reactor

NERVA NRX-A6 Reactor
USE NRX-A6 Reactor

NERVA NRX-A7 Reactor
DA February 1975
USE NRX-A7 Reactor

NERVA Nuclear Rocket Engine
USE NERVA Reactor

NERVA REACTOR [01]
UF *NERVA Nuclear Rocket Engine*
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
RT XE-2 Reactor

NERVE CELLS [01]
UF *Axons*
UF *Neurons*
BT1 Somatic Cells
BT2 Animal Cells
RT Nerve Tissue
RT Nervous System
RT Receptors

NERVE TISSUE [01]
BT1 Tissues
BT2 Body
RT Nerve Cells
RT Nerves

NERVES [01]
BT1 Nervous System
NT1 Sciatic Nerve
NT1 Vagus
RT Herpes Zoster
RT Nerve Tissue
RT Reflexes

NERVOUS SYSTEM [01]
NT1 Autonomic Nervous System
NT2 Vagus
NT1 Central Nervous System
NT2 Brain
NT3 Cerebellum
NT3 Cerebrum
NT4 Cerebral Cortex
NT3 Hypothalamus
NT3 Olfactory Bulbs
NT3 Thalamus
NT2 Spinal Cord
NT1 Ganglions
NT1 Nerves
NT2 Sciatic Nerve
NT2 Vagus
RT Nerve Cells
RT Nervous System Diseases
RT Organs
RT Pain
RT Poliomyelitis
RT Reflexes
RT Retina
RT Sense Organs

NERVOUS SYSTEM DISEASES [01]
UF+ *Glioblastomas*
UF+ *Gliomas*
BT1 Diseases
NT1 Encephalitis
NT1 Mental Disorders
NT1 Myelitis
NT1 Poliomyelitis
RT Meningococcus
RT Nervous System
RT Neurology

NESTOR REACTOR [01]
UF *Neutron Source Thermal Reactor*
UF *UKAEA-Nestor Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NET ENERGY
DA June 1975
BT1 Energy Analysis
RT Efficiency
RT Energy Accounting
RT Energy Consumption
RT Energy Efficiency
RT Energy Substitution Equivalent
RT Energy Yield
RT Substitution Equivalent
DEF Difference of energy output and energy input.

NET TRADE
DA February 1979
BT1 Trade
RT Exports
RT Imports
DEF Exports minus imports.

NETHERLANDS [01]
BT1 Europe
RT Rhine River

NETHERLANDS ORGANIZATIONS [01]
DA May 1975
BT1 National Organizations
NT1 ECN
NT1 IKO
NT1 IRI
NT1 KVI
NT1 NIKHEF
NT1 RCN

NETR REACTOR [01]
UF *Nuclear Engineering Test Reactor*
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NETWORK ANALYSIS
DA July 1976
RT Configuration
RT Coordinates
RT Mathematics

Networks (Computer)
DA November 1976
USE Computer Networks

Neuherberg Research Reactor
USE FRN Reactor

NEUMANN SERIES
DA January 1975
BT1 Series Expansion
RT Bessel Functions
DEF An arbitrary function expanded in terms of Bessel Functions.

NEUPOTZ-1 REACTOR [01]
DA September 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

NEUPOTZ-2 REACTOR [01]
DA September 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Neuridine
USE Spermine

NEUROLOGY [01]
BT1 Medicine
RT Nervous System Diseases

Neurons
USE Nerve Cells

NEUROSPORA [01]
BT1 Fungi
BT2 Plants

NEUTRAL ATOM BEAM INJECTION [01]
BT1 Beam Injection
RT Atomic Beam Sources
RT Neutral Beam Sources

NEUTRAL BEAM SOURCES
DA March 1977
RT Ion Sources
RT Neutral Atom Beam Injection

NEUTRAL-CURRENT INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
RT Basic Interactions
RT Neutral Currents

NEUTRAL CURRENTS [01]
UF *Currents (Neutral)*
BT1 Algebraic Currents
BT2 Currents
NT1 Weak Neutral Currents
RT Charged Currents
RT Electromagnetic Interactions

RT Neutral-Current Interactions
RT Weak Interactions
RT Weinberg Lepton Model

NEUTRAL-PARTICLE TRANSPORT [01]
DA October 1975
BT1 Radiation Transport
NT1 Atom Transport
NT1 Neutron Transport
NT1 Photon Transport

NEUTRAL PARTICLES [01]
BT1 Particles
RT Missing Mass
RT Missing-Mass Spectrometers

NEUTRAL RED [01]
UF *Toluylene Red*
BT1 Amines
BT2 Organic Compounds
BT1 Indicators
BT1 Pyrazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

Neutralization (Beam)
USE Beam Neutralization

Neutralization (Chemical)
USE PH Value

Neutralization (Physical)
(Of electrons, holes, or radicals; not for BEAM NEUTRALIZATION.)
USE Recombination

Neutrettos
USE Muon Neutrinos

NEUTRINO BEAMS [01]
BT1 Lepton Beams
BT2 Particle Beams
BT3 Beams

NEUTRINO DETECTION [01]
BT1 Radiation Detection
BT2 Detection

NEUTRINO-DEUTERON INTERACTIONS
DA January 1975
BT1 Lepton-Baryon Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
RT Deuterons
RT Neutrinos

NEUTRINO-ELECTRON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Antineutrino-Electron Interactions

NEUTRINO-MESON INTERACTIONS [01]
BT1 Lepton-Meson Interactions
BT2 Lepton-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

NEUTRINO-MUON INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

NEUTRINO-NEUTRINO INTERACTIONS [01]
BT1 Lepton-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

NEUTRINO-NEUTRON INTERACTIONS [01]
BT1 Neutrino-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Antineutrino-Neutron Interactions

NEUTRINO-NUCLEON INTERACTIONS [01]
BT1 Lepton-Nucleon Interactions
BT2 Lepton-Baryon Interactions
BT3 Lepton-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Antineutrino-Nucleon Interactions
NT2 Antineutrino-Neutron Interactions
NT2 Antineutrino-Proton Interactions
NT1 Neutrino-Neutron Interactions
NT2 Antineutrino-Neutron Interactions
NT1 Neutrino-Proton Interactions
NT2 Antineutrino-Proton Interactions

NEUTRINO-PROTON INTERACTIONS [01]
BT1 Neutrino-Nucleon Interactions
BT2 Lepton-Nucleon Interactions
BT3 Lepton-Baryon Interactions
BT4 Lepton-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Antineutrino-Proton Interactions

NEUTRINO REACTIONS [01]
BT1 Lepton Reactions
BT2 Nuclear Reactions

NEUTRINOS [01]
BT1 Leptons
BT2 Elementary Particles
BT2 Fermions
BT1 Massless Particles
BT2 Elementary Particles
NT1 Antineutrinos
NT2 Electron Antineutrinos
NT2 Muon Antineutrinos
NT1 Cosmic Neutrinos
NT1 Electron Neutrinos
NT2 Electron Antineutrinos
NT1 Muon Neutrinos
NT2 Muon Antineutrinos
NT1 Solar Neutrinos
NT1 Tau Neutrinos
RT Feynman-Gell-Mann Theory
RT Leptonic Decay
RT Neutrino-Deuteron Interactions
RT Semileptonic Decay
RT Two-Component Neutrino Theory

NEUTRON ABSORBERS [01]
NT1 Burnable Poisons
RT Control Elements
RT Reactor Control Systems
RT Reactor Materials
RT Regulating Rods
RT Scram Rods
RT Shim Rods

Neutron Activation Analysis
USE Activation Analysis
AND Neutrons

NEUTRON ACTIVATION ANALYZERS [01]
BT1 Measuring Instruments
RT Activation Analysis
RT Nuclear Reaction Analyzers

NEUTRON AGE [01]
UF+ *Fermi Age*
RT Fermi Age Theory
RT Neutron Flux
RT Slowing-Down

NEUTRON-ANTINEUTRON INTERACTIONS [01]
BT1 Nucleon-Antinucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

NEUTRON BEAMS [01]
BT1 Nucleon Beams
BT2 Particle Beams
BT3 Beams
RT Neutrons
RT Pulsed Neutron Techniques

NEUTRON CAMERAS [01]
DA September 1977
BT1 Cameras
RT Neutron Diffractometers
RT Neutron Radiography

Neutron Capture
USE Capture
AND Neutron Reactions

NEUTRON CAPTURE THERAPY [01]
BT1 Radiotherapy
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
BT2 Therapy
RT Radioactivation

Neutron Capture-to-Fission Ratio
USE Capture-to-Fission Ratio

NEUTRON CHOPPERS [01]
UF *Choppers (Neutron)*
BT1 Beam Pulsers
RT Neutron Spectrometers

NEUTRON CONVERTERS [01]
RT Neutron Sources
RT Slowing-Down
RT Ultracold Neutrons

NEUTRON-DEFICIENT ISOTOPES [01]
BT1 Radioisotopes
BT2 Isotopes
NT1 Praseodymium 121
RT Delayed Proton Precursors

NEUTRON DENSITY [01]
UF *Density (Neutron)*
RT Neutrons
RT Power Density

NEUTRON DETECTION [01]
BT1 Radiation Detection
BT2 Detection
RT Neutron Detectors
RT Neutron Dosimetry
RT Neutron Monitors
RT Neutron-Photon Converters
RT Neutron Spectrometers
RT Neutron Spectroscopy
RT Radiation Detectors

NEUTRON DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Activation Detectors
NT1 BF3 Counters
NT1 Boron Coated Ion Chambers
NT1 Boron Lined Counters
NT1 Fission Chambers
NT1 Fission Foil Detectors
NT1 Fission Thermocouple Detectors
NT1 He-3 Counters
NT1 Moderating Detectors
NT2 Bonner Sphere Detectors
NT2 Long Counters
NT1 Proton Recoil Detectors
NT1 Self-Powered Neutron Detectors
NT1 Threshold Detectors
RT Neutron Detection
RT Neutron Dosimetry
RT Neutron Monitors
RT Neutron Thermopiles
RT Reactor Control Systems

NEUTRON-DEUTERON INTERACTIONS
DA February 1975
BT1 Nucleon-Deuteron Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions

BT4 Particle Interactions
BT5 Interactions
RT Deuterons
RT Neutrons

NEUTRON DIFFRACTION [01]
UF *Diffraction (Neutron)*
BT1 Diffraction
BT2 Coherent Scattering
BT3 Scattering
RT Crystallography
RT Neutron Diffractometers
RT Neutron-Photon Converters
RT Structural Chemical Analysis

NEUTRON DIFFRACTOMETERS [01]
BT1 Measuring Instruments
RT Crystallography
RT Neutron Cameras
RT Neutron Diffraction

NEUTRON DIFFUSION EQUATION [01]
RT Fick Laws
RT Flux Synthesis
RT Neutron Transport Theory

NEUTRON DOSIMETRY [01]
BT1 Dosimetry
RT Albedo-Neutron Dosemeters
RT Neutron Detection
RT Neutron Detectors
RT Neutron Monitors

Neutron Economy
USE Neutron Flux

NEUTRON EMISSION [01]
UF *Neutron Evaporation*
BT1 Emission
RT Liquid Drop Model

Neutron Evaporation
USE Neutron Emission

NEUTRON FLUENCE [01]
UF *Fluence (Neutron)*
NT1 Damaging Neutron Fluence
NT2 Equivalent Fission Fluence
RT Neutron Flux

NEUTRON FLUX [01]
UF *Flux (Neutron)*
UF *Neutron Economy*
UF+ *Neutron Flux Density*
BT1 Radiation Flux
NT1 Adjoint Flux
RT Damaging Neutron Fluence
RT Disadvantage Factor
RT Flux Synthesis
RT Greuling-Goertzel Approximation
RT Heterogeneous Effects
RT Neutron Age
RT Neutron Fluence
RT Neutron Flux Flattening
RT Neutron Flux Tilting
RT Neutron Importance Function
RT Neutrons

Neutron Flux Density
USE Flux Density
AND Neutron Flux

NEUTRON FLUX FLATTENING [01]
UF *Flattening (Neutron Flux)*
RT Neutron Flux

NEUTRON FLUX TILTING [01]
UF *Tilting (Neutron Flux)*
RT Neutron Flux

NEUTRON-GAMMA LOGGING [01]
DA June 1976
SF *Hydrogen Logs*
UF *Chlorine Logs*
UF *Oxygen Logs*
UF *Thermal Decay Time Log*
BT1 Neutron Logging
BT2 Radioactivity Logging
BT3 Well Logging
DEF Well logging using a neutron source and a gamma detector.

Neutron Heating
DA April 1975
USE Radiation Heating

NEUTRON IMPORTANCE FUNCTION [01]
UF *Importance Function (Neutron)*
RT Adjoint Flux
RT Neutron Flux
RT Perturbation Theory

Neutron International Standard Uranium Source
USE Nisus Facility

NEUTRON LEAKAGE [01]
UF *Leakage (Neutron)*
RT Neutron Transport Theory

Neutron Lifetime Log
DA March 1979
USE Neutron-Neutron Logging

NEUTRON LOGGING [01]
DA August 1976
SF *Hydrogen Logs*
BT1 Radioactivity Logging
BT2 Well Logging
NT1 Neutron-Gamma Logging
NT1 Neutron-Neutron Logging

Neutron Moisture Meters
USE Moisture Gages

NEUTRON MONITORS [01]
BT1 Radiation Monitors
BT2 Measuring Instruments
RT Neutron Detection
RT Neutron Detectors
RT Neutron Dosimetry
RT Reactor Control Systems

Neutron Multiplier Facility
USE Subcritical Assemblies

NEUTRON-NEUTRON INTERACTIONS [01]
BT1 Nucleon-Nucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

NEUTRON-NEUTRON LOGGING [01]
DA June 1976
SF *Hydrogen Logs*
UF *Neutron Lifetime Log*
BT1 Neutron Logging
BT2 Radioactivity Logging
BT3 Well Logging
DEF Well logging using neutron source and neutron detector.

NEUTRON-PHOTON CONVERTERS [01]
RT Neutron Detection
RT Neutron Diffraction
RT Neutron Radiography
RT Photographic Film Detectors

NEUTRON RADIOGRAPHY [01]
BT1 Industrial Radiography
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
RT Neutron Cameras
RT Neutron-Photon Converters

NEUTRON REACTIONS [01]
UF+ *Neutron Capture*
BT1 Nucleon Reactions
BT2 Baryon Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions
NT1 Fast Fission
NT1 Thermal Fission
RT Neutron Sputtering

NEUTRON REFLECTORS [01]
UF *Reflectors (Neutron)*
RT Configuration Control
RT Reflector Savings

NEUTRON-RICH ISOTOPES [01]
DA November 1975
BT1 Radioisotopes
BT2 Isotopes

NEUTRON SEPARATION ENERGY [01]
BT1 Binding Energy
BT2 Energy
RT Neutrons

NEUTRON SLOWING-DOWN THEORY [01]
UF *Slowing-Down Theory (Neutron)*
NT1 Fermi Age Theory
RT Greuling-Goertzel Approximation
RT Moderators
RT Neutron Spectra
RT Neutron Transport Theory
RT Placzec Function
RT Reactor Physics
RT Selengut-Goertzel Equation
RT Slowing-Down
RT Slowing-Down Kernels
RT Spencer-Fano Theory
RT Wick Method

NEUTRON SOURCE FACILITIES
DA October 1977
UF *Deuterium-Lithium High Flux Neutron Source Facility*
UF *High Flux Neutron Source Facility*
NT1 IPNS-I
RT Hanford Reservation
RT Linear Accelerators

Neutron Source Reactor-1 USAEC
USE NSR-1 Reactor

Neutron Source Reactor-2 USAEC
USE NSR-2 Reactor

Neutron Source Thermal Reactor
USE Nestor Reactor

NEUTRON SOURCES [01]
(Excludes reactors even when used as neutron sources.)
BT1 Particle Sources
BT2 Radiation Sources
NT1 ING Linac
NT1 Nisus Facility
RT Neutron Converters
RT Neutrons
RT Radioactivation
RT Sigma Piles
RT SORA Reactor
RT Thermal Columns

NEUTRON SPECTRA [01]
UF *Spectra (Neutron)*
BT1 Spectra
NT1 Watt Fission Spectrum
RT Neutron Slowing-Down Theory
RT Neutrons
RT Spectra Unfolding
RT Spectral Hardening

NEUTRON SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
NT1 Bonner Sphere Spectrometers
RT Neutron Choppers
RT Neutron Detection

NEUTRON SPECTROSCOPY [01]
BT1 Spectroscopy
RT Neutron Detection

NEUTRON SPUTTERING
DA August 1977
BT1 Sputtering
RT Neutron Reactions
RT Physical Radiation Effects

NEUTRON STARS [01]
BT1 Stars
RT Gravitational Collapse
RT Neutrons

RT Nuclear Matter
RT Pulsars
RT Starquakes

NEUTRON TEMPERATURE [01]
UF *Temperature (Neutron)*
RT Energy
RT Neutrons
RT Thermal Neutrons

NEUTRON THERAPY [01]
DA April 1976
BT1 Radiotherapy
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
BT2 Therapy

NEUTRON THERMOPILES [01]
RT Neutron Detectors

NEUTRON TRANSFER [01]
RT Neutrons
RT Transfer Reactions

NEUTRON TRANSPORT [01]
UF *Transport (Neutron)*
BT1 Neutral-Particle Transport
BT2 Radiation Transport
RT Neutron Transport Theory

NEUTRON TRANSPORT THEORY [01]
BT1 Transport Theory
NT1 Multigroup Theory
NT1 One-Group Theory
RT Adjoint Difference Method
RT Albedo
RT Amouyal-Benoist-Horowitz Method
RT Discrete Ordinate Method
RT Extrapolation Length
RT Feynman Method
RT Fick Laws
RT Milne Problem
RT Monte Carlo Method
RT Neutron Diffusion Equation
RT Neutron Leakage
RT Neutron Slowing-Down Theory
RT Neutron Transport
RT Perturbation Theory
RT Reactor Physics
RT Serber-Wilson Method
RT Slowing-Down
RT Spherical Harmonics Method
RT Transfer Matrix Method
RT Variational Methods
RT Yvon Method

NEUTRONIC DAMAGE FUNCTIONS [01]
DA March 1978
RT Damaging Neutron Fluence
RT Equivalent Fission Fluence
RT Irradiation
RT Physical Radiation Effects

NEUTRONS [01]
UF+ *Neutron Activation Analysis*
BT1 Nucleons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
NT1 Cold Neutrons
NT2 Ultracold Neutrons
NT1 Cosmic Neutrons
NT1 Epithermal Neutrons
NT1 Fast Neutrons
NT1 Fission Neutrons
NT2 Delayed Neutrons
NT2 Prompt Neutrons
NT1 Intermediate Neutrons
NT1 Photoneutrons
NT1 Pile Neutrons
NT1 Polyneutrons
NT2 Dineutrons
NT2 Trineutrons
NT1 Resonance Neutrons
NT1 Slow Neutrons
NT1 Solar Neutrons
NT1 Tetraneutrons
NT1 Thermal Neutrons
RT Antineutrons
RT CINDA
RT Haywood Model
RT Neutron Beams
RT Neutron Density
RT Neutron-Deuteron Interactions
RT Neutron Flux
RT Neutron Separation Energy
RT Neutron Sources
RT Neutron Spectra
RT Neutron Stars
RT Neutron Temperature
RT Neutron Transfer
RT Rosenbluth-Nelkin Model

NEUTROPHILS [01]
BT1 Leukocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials

NEVADA [01]
BT1 USA
BT2 North America
BT1 Western Region
NT1 Steamboat Springs
RT Great Basin
RT Nevada Test Site
RT Tonopah Test Range

NEVADA TEST SITE [01]
RT Arbor Project
RT Nevada
RT Nuclear Explosions
RT Nuclear Weapons

Nevada University L-77 Reactor
USE Nevada University Reactor

NEVADA UNIVERSITY REACTOR [01]
UF *L-77 Nevada University Reactor*
UF *Nevada University L-77 Reactor*
UF *University of Nevada L-77 Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

NEW BRUNSWICK [01]
BT1 Canada
BT2 North America

New England
DA July 1978
USE North Atlantic Region

New England Power Company Nuclear Project-1
DA January 1977
USE NEP-1 Reactor

New England Power Company Nuclear Project-2
DA January 1977
USE NEP-2 Reactor

New Experimental Reactor 0
USE Nero Reactor

New guinea
DA October 1978
USE Papua New Guinea

NEW HAMPSHIRE [01]
BT1 North Atlantic Region
RT Connecticut River
RT Connecticut River Basin
RT Gulf of Maine

NEW HEBRIDES ISLANDS
DA February 1975
BT1 Islands
RT Pacific Ocean

NEW JERSEY [01]
BT1 Mid-Atlantic Region
BT1 USA
BT2 North America
RT Delaware River
RT Hudson River

NEW MEXICO [01]
BT1 Southwest Region
BT1 USA
BT2 North America
NT1 Jemez Mountains
NT1 Los Alamos
RT Rio Grande Rift

NEW SOUTH WALES [01]
BT1 Australia
BT2 Australasia
RT Glen Davis Facility

NEW YORK [01]
BT1 Mid-Atlantic Region
BT1 USA
BT2 North America
NT1 New York City
RT Allegheny River
RT Delaware River
RT Hudson River
RT Mohawk River
RT St Lawrence River
RT Susquehanna River

NEW YORK CITY [01]
DA January 1975
BT1 New York
BT2 Mid-Atlantic Region
BT2 USA
BT3 North America

New York ZPR Manhattan
USE Manhattan College Reactor

NEW ZEALAND [01]
BT1 Australasia
RT Broadlands Geothermal Field
RT Kawerau Geothermal Field
RT Pacific Ocean
RT Tasman Sea
RT Waiotapu Geothermal Field
RT Wairakei Geothermal Field

NEWBOLD ISLAND-1 REACTOR [01]
(Name changed to Hope Creek-1 Reactor in November, 1973, and more recent material should be so indexed.)
DA August 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

NEWBOLD ISLAND-2 REACTOR [01]
(Name changed to Hope Creek-2 Reactor in November, 1973, and more recent material should be so indexed.)
DA August 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors

BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Newborns
SEE Infants
OR Neonates

NEWCASTLE DISEASE [01]
BT1 Infectious Diseases
BT2 Diseases
RT Birds
RT Viruses

NEWFOUNDLAND [01]
BT1 Canada
BT2 North America

Newton Mechanics
USE Classical Mechanics

NEWTON-METAL [01]
BT1 Bismuth Base Alloys
BT2 Bismuth Alloys
BT3 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys

NEWTON METHOD [01]
DA February 1976
BT1 Iterative Methods
RT Mathematics
RT Numerical Solution
RT Polynomials

Newts
USE Salamanders

NGL
DA February 1976
USE Natural Gas Liquids

NI-HARD [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Iron Carbides
BT2 Carbides
BT3 Carbon Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Sulfur Additions
BT2 Alloys

NI-O-NEL [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

NICARAGUA [01]
BT1 Central America
BT2 Latin America

NICHROME [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

NICKEL [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
RT Black Nickel
RT TD-Nickel

NICKEL 53 [01]
DA August 1976
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 54 [01]
DA April 1975
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 55 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 56 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 57 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 58 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Nickel 58 Reactions

NICKEL 59 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NICKEL 60 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Stable Isotopes
BT2 Isotopes

NICKEL 61 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Stable Isotopes
BT2 Isotopes

NICKEL 62 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Stable Isotopes
BT2 Isotopes

NICKEL 63 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NICKEL 64 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes
BT1 Stable Isotopes
BT2 Isotopes

NICKEL 65 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 66 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 67 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 68 [01]
BT1 Even-Even Nuclei
BT2 Nuclei

BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL 69 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Nickel Isotopes

NICKEL ADDITIONS [01]
BT1 Nickel Alloys
BT2 Alloys
NT1 Ounce Metal
NT1 Steel-28CdV508
NT1 Steel-DIN-1-6770
NT1 Steel-20Kh
NT1 Steel-Kh25
NT1 Steel-40Kh
NT1 Steel-03Kh13ag13
NT1 Steel-40Khn
NT1 Steel-18Mnv6
NT1 Steel-R18

NICKEL ALLOYS [01]
BT1 Alloys
NT1 Alloy-A-286
NT1 Alloy-D-979
NT1 Alloy-HD-556
NT1 Alloy-HK-40
NT1 Alloy-HS-21
NT1 Alloy-HS-25
NT1 Alloy-HS-31
NT1 Alloy-IN-519
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-0KH12N13M
NT1 Alloy-L-605
NT1 Alloy-Mo-Re-1
NT1 Alloy-MP35N
NT1 Alloy-N-155
NT1 Alloy-N28t3
NT1 Alloy-RA-333
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Alloy-Yundk 25Ba
NT1 ALNICO Alloys
NT1 Ascoloy
NT1 Chromium-Nickel Steels
NT2 Alloy-CK-20
NT2 Carpenter
NT2 Durco
NT2 Enduro
NT2 Stainless Steel-18-8
NT2 Stainless Steel-18-10
NT2 Stainless Steel-301
NT2 Stainless Steel-302
NT2 Stainless Steel-304
NT2 Stainless Steel-305
NT2 Stainless Steel-308
NT2 Stainless Steel-309
NT2 Stainless Steel-310
NT2 Stainless Steel-316
NT2 Stainless Steel-321
NT2 Stainless Steel-329
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Stainless Steel-AM-350
NT2 Stainless Steel-19-9DL
NT2 Stainless Steel-304L
NT2 Stainless Steel-17-7Ph
NT2 Stainless Steel-Ph-15-7-Mo
NT2 Stainless Steel-309S
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z6cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z2cnd17-12
NT2 Stainless Steel-Z3cnd17-12
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4449
NT2 Steel-DIN-1-4948
NT2 Steel-DIN-1-4970
NT2 Steel-DIN-1-4981
NT2 Steel-DIN-1-4988
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-42Kh2gsnm
NT2 Steel-Kh14k9n6m5
NT2 Steel-5Kh2mf
NT2 Steel-38Khmyua
NT2 Steel-000Kh18n13
NT2 Steel-1Kh18n9
NT2 Steel-7Kh18n9
NT2 Steel-Kh18n8
NT2 Steel-Kh18n9
NT2 Steel-Kh18n10
NT2 Steel-18Kh16n6
NT2 Steel-Kh23n18
NT2 Steel-1Kh16n4b
NT2 Steel-40Kh13n8g8
NT2 Steel-4Kh12n8g8mfb
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-20Kh2n2m
NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-0Kh19nt
NT2 Steel-0Kh21n5t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-2Kh18n8v2
NT2 Steel-1Kh16n14v2br Ehp17
NT2 Steel-4Kh14nv2m
NT2 Steel-3Kh15n13yu3
NT2 Steel-Kh14n8yum2
NT2 Steel-Kn15n9yu
NT2 Steel-Kn15n7yum2
NT2 Steel-OOOKh20n16ag6
NT2 Steel-X6crni1811
NT2 Timken Alloys
NT1 Constantan
NT1 Cunico
NT1 Discaloy
NT1 German Silver
NT1 Hastelloys
NT2 Hastelloy B
NT2 Hastelloy C
NT2 Hastelloy F
NT2 Hastelloy S
NT2 Hastelloy X
NT1 HAVAR
NT1 Haynes 25 Alloy
NT1 Haynes Alloys
NT1 Haynes Stellite 6B
NT1 Haynes Stellite No 21
NT1 Incoloy Alloys
NT2 Incoloy 800
NT2 Incoloy 802
NT2 Incoloy 901
NT1 Invar
NT1 Kovar
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Manganin
NT1 Maraging Steels
NT1 Misco Metal
NT1 Ni-Hard
NT1 Ni-O-Nel
NT1 Nickel Additions
NT2 Ounce Metal
NT2 Steel-28CdV508
NT2 Steel-DIN-1-6770
NT2 Steel-20Kh
NT2 Steel-Kh25
NT2 Steel-40Kh
NT2 Steel-03Kh13ag13
NT2 Steel-40Khn
NT2 Steel-18Mnv6
NT2 Steel-R18
NT1 Nickel Base Alloys
NT2 Alloy-B-1900
NT2 Alloy-DH-245
NT2 Alloy-EHI 826
NT2 Alloy-Ehi 868
NT2 Alloy-EHI437B
NT2 Alloy-EHP-199
NT2 Alloy-Ehp-496
NT2 Alloy-Ehp-567
NT2 Alloy-GMR-235
NT2 Alloy-IN-100
NT2 Alloy-IN-102
NT2 Alloy-IN-853
NT2 Alloy-KH20N80
NT2 Alloy-Khn60b
NT2 Alloy-Khn60mkbyut
NT2 Alloy-KH20N80T
NT2 Alloy-KHN78T
NT2 Alloy-Khn77tyu
NT2 Alloy-Khn67vmtyu
NT2 Alloy-M-252
NT2 Alloy-Mar-M246
NT2 Alloy-MM-0011
NT2 Alloy-MN-21
NT2 Alloy-79nm
NT2 Alloy-N55M20V25
NT2 Alloy-N65M20V15
NT2 Alloy-NX-188
NT2 Alumel
NT2 Astroloy
NT2 Chlorimet
NT2 Chromel
NT2 Colmonoy
NT2 Duranickel
NT2 Hastelloy B
NT2 Hastelloy C
NT2 Hastelloy F
NT2 Hastelloy N
NT2 Hastelloy S
NT2 Haynes 188 Alloy
NT2 Hymu-80
NT2 Illium
NT2 Inconel 671
NT2 Inconel Alloys
NT3 Inconel 82
NT3 Inconel 600
NT3 Inconel 617
NT3 Inconel 625
NT3 Inconel 643
NT3 Inconel 700
NT3 Inconel 702
NT3 Inconel 706
NT3 Inconel 718
NT3 Inconel 738
NT3 Inconel 713LC
NT3 Inconel X750
NT2 Inconel 713C
NT2 Inor-8
NT2 Konel
NT2 Monel
NT2 Monel 400
NT2 Nichrome
NT2 Nicrobraz 50
NT2 Nimonic
NT3 Nimonic 90
NT3 Nimonic PE16
NT2 Nimonic 105
NT2 Nimonic 115
NT2 Nimonic 115A
NT2 Rene 41
NT2 Rene 80
NT2 Rene 95
NT2 Rene-100
NT2 Tophet
NT2 Tribaloy 700
NT2 Udimet Alloys
NT3 Udimet 700
NT2 Waspaloy
NT1 Nickel Steels
NT2 Nickel-Chromium Steels
NT3 Alloy-M-813
NT3 Steel-000Kh20n20
NT3 Steel-12Khn3
NT3 Steel-12Khn3a
NT3 Steel-Kh20n45b

NT3 Steel-12Kh2nch
NT3 Steel-40Khnma
NT3 Steel-20Khn3mf
NT3 Steel-Kh15n20m2t2
NT3 Steel-40Kh2n5sm
NT3 Steel-00Kh20n32t
NT3 Steel-37Khn3t
NT3 Steel-1-Kh18n20t3p
NT3 Steel-Kh12n20t3p
NT3 Steel-18Kh2n4va
NT3 Steel-Kh18n22v2t2
NT3 Steel-Khn35vt
NT3 Steel-N26kht1
NT3 Steel-N36khtyu
NT3 Steel-Vzh102
NT3 Sweetalloy
NT2 Steel-22NiMoCr37
NT2 Steel-30N9k4
NT1 Nickeline Alloy
NT1 Nimonic 80A
NT1 Nitinol
NT1 Orthonol
NT1 Permalloy
NT1 Refractaloy
NT1 Rezistal
NT1 Sanicro 30
NT1 Steel-In-787
NT1 Steel-0Kh18g8n2t
NT1 Steel-60Kh3g8n8v
NT1 Stellite 6
NT1 Supertherm
NT1 TD-Nickel Chromium
NT1 Tikonal

NICKEL ARSENIDES
DA July 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL BASE ALLOYS [01]
UF *Alloy-HD-8077*
UF *Alloy-MA-754*
UF *Alloy-WAZ-16*
UF *HD 8077*
UF *MA 754*
UF *WAZ 16*
BT1 Nickel Alloys
BT2 Alloys
NT1 Alloy-B-1900
NT1 Alloy-DH-245
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-EHI437B
NT1 Alloy-EHP-199
NT1 Alloy-Ehp-496
NT1 Alloy-Ehp-567
NT1 Alloy-GMR-235
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-IN-853
NT1 Alloy-KH20N80
NT1 Alloy-Khn60b
NT1 Alloy-Khn60mkbyut
NT1 Alloy-KH20N80T
NT1 Alloy-KHN78T
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-MN-21
NT1 Alloy-79nm
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-NX-188
NT1 Alumel
NT1 Astroloy
NT1 Chlorimet
NT1 Chromel
NT1 Colmonoy
NT1 Duranickel
NT1 Hastelloy B
NT1 Hastelloy C
NT1 Hastelloy F
NT1 Hastelloy N
NT1 Hastelloy S
NT1 Haynes 188 Alloy
NT1 Hymu-80
NT1 Illium
NT1 Inconel 671
NT1 Inconel Alloys
NT2 Inconel 82
NT2 Inconel 600
NT2 Inconel 617
NT2 Inconel 625
NT2 Inconel 643
NT2 Inconel 700
NT2 Inconel 702
NT2 Inconel 706
NT2 Inconel 718
NT2 Inconel 738
NT2 Inconel 713LC
NT2 Inconel X750
NT1 Inconel 713C
NT1 Inor-8
NT1 Konel
NT1 Monel
NT1 Monel 400
NT1 Nichrome
NT1 Nicrobraz 50
NT1 Nimonic
NT2 Nimonic 90
NT2 Nimonic PE16
NT1 Nimonic 105
NT1 Nimonic 115
NT1 Nimonic 115A
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Tophet
NT1 Tribaloy 700
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Waspaloy

NICKEL 58 BEAMS [01]
DA November 1976
BT1 Ion Beams
BT2 Beams

NICKEL 60 BEAMS [01]
DA February 1979
BT1 Ion Beams
BT2 Beams

NICKEL BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL-CADMIUM BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

NICKEL CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL-CHROMIUM STEELS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Steels
BT2 Nickel Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
NT1 Alloy-M-813
NT1 Steel-000Kh20n20
NT1 Steel-12Khn3
NT1 Steel-12Khn3a
NT1 Steel-Kh20n45b
NT1 Steel-12Kh2nch
NT1 Steel-40Khnma
NT1 Steel-20Khn3mf
NT1 Steel-Kh15n20m2t2
NT1 Steel-40Kh2n5sm
NT1 Steel-00Kh20n32t
NT1 Steel-37Khn3t
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-18Kh2n4va
NT1 Steel-Kh18n22v2t2
NT1 Steel-Khn35vt
NT1 Steel-N26kht1
NT1 Steel-N36khtyu
NT1 Steel-Vzh102
NT1 Sweetalloy
RT Chromium-Nickel Steels
DEF Steels containing Ni and Cr as main alloying elements; the Ni content is higher than Cr content.

Nickel Chromium-Td
USE TD-Nickel Chromium

NICKEL COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

NICKEL COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Nickel Arsenides
NT1 Nickel Borides
NT1 Nickel Bromides
NT1 Nickel Carbides
NT1 Nickel Carbonates
NT1 Nickel Chlorides
NT1 Nickel Fluorides
NT1 Nickel Hydrides
NT1 Nickel Hydroxides
NT1 Nickel Iodides
NT1 Nickel Nitrates
NT1 Nickel Nitrides
NT1 Nickel Oxides
NT1 Nickel Phosphates
NT1 Nickel Phosphides
NT1 Nickel Selenides
NT1 Nickel Silicates
NT1 Nickel Silicides
NT1 Nickel Sulfates
NT1 Nickel Sulfides
NT1 Nickel Tungstates
NT1 Nickelates

NICKEL FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL-HYDROGEN BATTERIES
DA January 1975

BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

NICKEL HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Nickel Compounds
BT2 Transition Element Compounds

NICKEL IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

NICKEL ISOTOPES [01]
NT1 Nickel 53
NT1 Nickel 54
NT1 Nickel 55
NT1 Nickel 56
NT1 Nickel 57
NT1 Nickel 58
NT1 Nickel 59
NT1 Nickel 60
NT1 Nickel 61
NT1 Nickel 62
NT1 Nickel 63
NT1 Nickel 64
NT1 Nickel 65
NT1 Nickel 66
NT1 Nickel 67
NT1 Nickel 68
NT1 Nickel 69

NICKEL NITRATES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

NICKEL NITRIDES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

NICKEL ORES [01]
BT1 Ores

NICKEL OXIDES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
RT Nickelates

NICKEL PHOSPHATES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

NICKEL PHOSPHIDES [01]
DA October 1975
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

NICKEL 58 REACTIONS [01]
DA June 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Nickel 58

NICKEL 60 REACTIONS [01]
DA November 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

NICKEL 64 REACTIONS [01]
DA April 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

NICKEL SELENIDES
DA December 1976
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

NICKEL SILICATES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

NICKEL SILICIDES [01]
DA October 1975
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

Nickel Silver
USE German Silver

NICKEL STEELS [01]
BT1 Nickel Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
NT1 Nickel-Chromium Steels
NT2 Alloy-M-813
NT2 Steel-000Kh20n20
NT2 Steel-12Khn3
NT2 Steel-12Khn3a
NT2 Steel-Kh20n45b
NT2 Steel-12Kh2nch
NT2 Steel-40Khnma
NT2 Steel-20Khn3mf
NT2 Steel-Kh15n20m2t2
NT2 Steel-40Kh2n5sm
NT2 Steel-00Kh20n32t
NT2 Steel-37Khn3t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-18Kh2n4va
NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-N26kht1
NT2 Steel-N36khtyu
NT2 Steel-Vzh102
NT2 Sweetalloy
NT1 Steel-22NiMoCr37
NT1 Steel-30N9k4
DEF Steels containing Ni as main alloying elements

NICKEL SULFATES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

NICKEL SULFIDES [01]
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

NICKEL 57 TARGET
DA July 1979
BT1 Targets

NICKEL 58 TARGET [01]
DA July 1976
BT1 Targets

NICKEL 59 TARGET [01]
DA July 1976
BT1 Targets

NICKEL 60 TARGET [01]
DA July 1976
BT1 Targets

NICKEL 61 TARGET [01]
DA July 1976
BT1 Targets

NICKEL 62 TARGET [01]
DA July 1976
BT1 Targets

NICKEL 64 TARGET [01]
DA July 1976
BT1 Targets

Nickel-Thorium Oxide Dispersions
DA April 1979
USE TD-Nickel

NICKEL TUNGSTATES
DA June 1976
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Tungstates

NICKEL-ZINC BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

NICKELATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Nickel Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
RT Nickel Oxides

NICKELINE ALLOY [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Zinc Additions
BT2 Zinc Alloys
BT3 Alloys

NICOTIANA [01]
UF *Tobacco Plant*
BT1 Plants
RT Tobacco
RT Tobacco Products

NICOTINAMIDE [01]
UF *Pp-Factor*
UF *Vitamin PP*
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins
RT Heterocyclic Acids
RT NAD
RT NADH2
RT NADP

Nicotinamide-Adenine Dinucleotide
USE NAD

NICOTINE [01]
BT1 Alkaloids
BT2 Organic Compounds

BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Pyrrolidines
BT2 Amines
BT3 Organic Compounds
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

NICOTINIC ACID [01]
DA April 1975
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins

NICROBRAZ 50 [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

NIEDERAICHBACH REACTOR [01]
UF *Kernkraftwerk Niederaichbach*
UF *KKN Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 HWGCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

NIFLEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Nigella
USE Ranunculaceae

NIGER [01]
BT1 Africa

NIGER RIVER [01]
DA August 1976
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Africa

NIGERIA [01]
BT1 Africa
RT OPEC

Nightglow
USE Airglow

NIKHEF [01]
DA October 1977
UF *National Instituut Voor Kernfysica en Hogeenergiefysica*
BT1 Netherlands Organizations
BT2 National Organizations

NILE RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Egyptian Arab Republic
RT Sudan

Nilsson Model
USE Nilsson-Mottelson Model

NILSSON-MOTTELSON MODEL [01]
UF *Approximation (Bohr)*
UF *Bohr Approximation*
UF *Bohr-Mottelson Model*
UF *Mottelson-Nilsson Model*
UF *Nilsson Model*
UF *Nilsson Potential*
UF *Nilsson Scheme*
BT1 Nuclear Models
BT2 Mathematical Models

Nilsson Potential
USE Nilsson-Mottelson Model

Nilsson Scheme
USE Nilsson-Mottelson Model

NIM
DA January 1975
USE Nuclear Instrument Modules

NIMONIC [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
NT1 Nimonic 90
NT1 Nimonic PE16

NIMONIC 90 [01]
DA June 1977
BT1 Aluminium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nimonic
BT2 Chromium Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Titanium Alloys
BT2 Alloys

NIMONIC 105 [01]
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

NIMONIC 115 [01]
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

NIMONIC 80A [01]
DA May 1975
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

NIMONIC 115A [01]
DA January 1975
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

NIMONIC PE16 [01]
DA May 1975
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nimonic
BT2 Chromium Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

NIMROD [01]
UF *Harwell Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

NINA [01]
UF *Daresbury Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

NINE MILE POINT-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

NINE MILE POINT-2 REACTOR [01]
UF *Osweso Nuclear Power Plant*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BT1 Thermal Reactors
BT2 Reactors

NINGYOITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

NINHYDRIN [01]
UF *Triketohydrindane*
BT1 Ketones
BT2 Organic Compounds
BT1 Reagents
RT Aromatics

NIOBATES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds

NIOBIUM [01]
UF *Columbium*
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Niobium-Alpha
NT1 Niobium-Beta

NIOBIUM 84 [01]
DA November 1977
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 86 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 87 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 88 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 89 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 90 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 91 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 92 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 93 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Niobium 93 Reactions

NIOBIUM 94 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 96 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 98 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 99 [01]
BT1 Beta-Minus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 100 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NIOBIUM 101 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 102 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 103 [01]
DA January 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM 104 [01]
DA September 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NIOBIUM 105 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NIOBIUM ADDITIONS [01]
BT1 Niobium Alloys
BT2 Alloys
NT1 Alloy-N-155
NT1 Alloy-TA-10V
NT1 Alloy-Yundk 25Ba
NT1 Stainless Steel-347
NT1 Stainless Steel-348
NT1 Steel-DIN-1-4981
NT1 Steel-DIN-1-6770
NT1 Steel-08G2sfb
NT1 Steel-1Kh16n4b
NT1 Steel-Kh20n45b
NT1 Steel-4Kh12n8g8mfb
NT1 Steel-1Kh16n15m3b
NT1 Steel-Kh16n15m3b
NT1 Steel-Kh13s2yu2bt
NT1 Steel-Z10cdnbv9

NIOBIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-HS-25
NT1 Alloy-IN-102
NT1 Alloy-IN-519
NT1 Alloy-Khn50mbvyu
NT1 Alloy-Khn60mkbyut
NT1 Alloy-MN-21
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy-60T
NT1 Alloy-V-36
NT1 Inconel 82
NT1 Inconel 600
NT1 Inconel 625
NT1 Inconel 643
NT1 Inconel 718
NT1 Inconel 713LC
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Mulberry Alloy
NT1 Niobium Additions
NT2 Alloy-N-155
NT2 Alloy-TA-10V
NT2 Alloy-Yundk 25Ba
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Steel-DIN-1-4981
NT2 Steel-DIN-1-6770
NT2 Steel-08G2sfb
NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-4Kh12n8g8mfb
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-Kh13s2yu2bt
NT2 Steel-Z10cdnbv9
NT1 Niobium Base Alloys
NT2 Alloy-B-66
NT2 Alloy-B-88
NT2 Alloy-C-103
NT2 Alloy-C-129Y
NT2 Alloy-CB-1
NT2 Alloy-CB-752
NT2 Alloy-D-43
NT2 Alloy-FS-85
NT2 Alloy-N-9M
NT2 Alloy-N-10M
NT2 Alloy-Nt25a5
NT2 Alloy SU31
NT2 Alloy-VN-2
NT2 Alloy-VN-3
NT2 Alloy-Vus-6
NT1 Rene 95
NT1 Steel-In-787
NT1 Steel-1Kh16n14v2br Ehp17

NIOBIUM-ALPHA [01]
BT1 Niobium
BT2 Refractory Metals
BT3 Metals
BT4 Elements
BT2 Transition Elements
BT3 Metals
BT4 Elements

NIOBIUM BASE ALLOYS [01]
BT1 Niobium Alloys
BT2 Alloys
NT1 Alloy-B-66
NT1 Alloy-B-88
NT1 Alloy-C-103
NT1 Alloy-C-129Y
NT1 Alloy-CB-1
NT1 Alloy-CB-752
NT1 Alloy-D-43
NT1 Alloy-FS-85
NT1 Alloy-N-9M
NT1 Alloy-N-10M
NT1 Alloy-Nt25a5
NT1 Alloy SU31
NT1 Alloy-VN-2
NT1 Alloy-VN-3
NT1 Alloy-Vus-6

NIOBIUM-BETA [01]
BT1 Niobium
BT2 Refractory Metals
BT3 Metals
BT4 Elements
BT2 Transition Elements
BT3 Metals
BT4 Elements

NIOBIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

NIOBIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Niobates
NT1 Niobium Borides
NT1 Niobium Bromides
NT1 Niobium Carbides
NT1 Niobium Chlorides
NT1 Niobium Fluorides
NT1 Niobium Hydrides
NT1 Niobium Hydroxides
NT1 Niobium Iodides
NT1 Niobium Nitrates
NT1 Niobium Nitrides
NT1 Niobium Oxides
NT2 Aeschynite
NT2 Ellsworthite
NT2 Hatchettolite
NT2 Lyndochite
NT2 Marignacite
NT2 Tapiolite
NT1 Niobium Phosphates
NT1 Niobium Phosphides
NT1 Niobium Selenides
NT1 Niobium Silicates
NT2 Mesodialyte
NT1 Niobium Silicides
NT1 Niobium Sulfates
NT1 Niobium Sulfides

NT1 Niobium Tellurides

NIOBIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Niobium Compounds
BT2 Transition Element Compounds

NIOBIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

NIOBIUM ISOTOPES [01]
NT1 Niobium 84
NT1 Niobium 86
NT1 Niobium 87
NT1 Niobium 88
NT1 Niobium 89
NT1 Niobium 90
NT1 Niobium 91
NT1 Niobium 92
NT1 Niobium 93
NT1 Niobium 94
NT1 Niobium 95
NT1 Niobium 96
NT1 Niobium 97
NT1 Niobium 98
NT1 Niobium 99
NT1 Niobium 100
NT1 Niobium 101
NT1 Niobium 102
NT1 Niobium 103
NT1 Niobium 104
NT1 Niobium 105

NIOBIUM NITRATES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds

NIOBIUM NITRIDES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides

NIOBIUM ORES [01]
BT1 Ores

NIOBIUM OXIDES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Aeschynite
NT1 Ellsworthite
NT1 Hatchettolite
NT1 Lyndochite
NT1 Marignacite
NT1 Tapiolite

NIOBIUM PHOSPHATES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

NIOBIUM PHOSPHIDES
DA September 1976
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

NIOBIUM 93 REACTIONS [01]
DA March 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Niobium 93

NIOBIUM SELENIDES [01]
DA January 1975
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

NIOBIUM SILICATES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Mesodialyte

NIOBIUM SILICIDES [01]
DA January 1975
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

NIOBIUM SULFATES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

NIOBIUM SULFIDES [01]
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

NIOBIUM 91 TARGET
DA March 1977
BT1 Targets

NIOBIUM 93 TARGET [01]
DA July 1976
BT1 Targets

NIOBIUM 94 TARGET [01]
DA November 1976
BT1 Targets

NIOBIUM 95 TARGET
DA January 1979
BT1 Targets

NIOBIUM 96 TARGET [01]
DA November 1976
BT1 Targets

NIOBIUM TELLURIDES
DA November 1975
BT1 Niobium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

NIPPOSTRONGYLUS [01]
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
RT Gastrointestinal Tract
RT Rodents

NISUS FACILITY [01]
UF *Neutron International Standard Uranium Source*
BT1 Neutron Sources
BT2 Particle Sources
BT3 Radiation Sources
RT Calibration Standards
RT Fast Neutrons
RT Measuring Instruments

NITELLA [01]
BT1 Algae
BT2 Plants

NITINOL
DA August 1976
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
DEF Shape memory alloys of Ti and Ni.

NITINOL HEAT ENGINES
DA November 1975
BT1 Solar Heat Engines
DEF A solar heat engine with the thermo-mechanical converter consisting of a solid state system incorporating the shape memory intermetallic nickel titanium compound called Nitinol as its working $"_8\gamma\Sigma^+_6"\rightleftharpoons$

NITRATES [01]
BT1 Nitrogen Compounds
BT1 Oxygen Compounds
NT1 Aluminium Nitrates
NT1 Americium Nitrates
NT1 Ammonium Nitrates
NT1 Barium Nitrates
NT1 Berkelium Nitrates
NT1 Beryllium Nitrates
NT1 Bismuth Nitrates
NT1 Cadmium Nitrates
NT1 Calcium Nitrates
NT1 Californium Nitrates
NT1 Cerium Nitrates
NT1 Cesium Nitrates
NT1 Chromium Nitrates
NT1 Cobalt Nitrates
NT1 Copper Nitrates
NT1 Curium Nitrates
NT1 Dysprosium Nitrates
NT1 Einsteinium Nitrates
NT1 Erbium Nitrates
NT1 Europium Nitrates
NT1 Gadolinium Nitrates
NT1 Gallium Nitrates
NT1 Hafnium Nitrates
NT1 Holmium Nitrates
NT1 Indium Nitrates
NT1 Iron Nitrates
NT1 Lanthanum Nitrates
NT1 Lead Nitrates
NT1 Lithium Nitrates
NT1 Lutetium Nitrates
NT1 Magnesium Nitrates
NT1 Manganese Nitrates
NT1 Mercury Nitrates
NT1 Molybdenum Nitrates
NT1 Neodymium Nitrates
NT1 Neptunium Nitrates
NT1 Nickel Nitrates
NT1 Niobium Nitrates
NT1 Palladium Nitrates
NT1 PETN
NT1 Plutonium Nitrates
NT1 Polonium Nitrates
NT1 Potassium Nitrates
NT1 Praseodymium Nitrates
NT1 Promethium Nitrates
NT1 Protactinium Nitrates
NT1 Radium Nitrates
NT1 Rubidium Nitrates
NT1 Ruthenium Nitrates

NT1 Samarium Nitrates
NT1 Scandium Nitrates
NT1 Silver Nitrates
NT1 Sodium Nitrates
NT1 Strontium Nitrates
NT1 Tellurium Nitrates
NT1 Terbium Nitrates
NT1 Thallium Nitrates
NT1 Thorium Nitrates
NT1 Thulium Nitrates
NT1 Titanium Nitrates
NT1 Uranium Nitrates
NT1 Uranyl Nitrates
NT2 UNH
NT1 Vanadium Nitrates
NT1 Ytterbium Nitrates
NT1 Yttrium Nitrates
NT1 Zinc Nitrates
NT1 Zirconium Nitrates
RT Oxynitrates

NITRATION [01]
DA February 1976
RT Chemical Reactions
RT Nitrogen

NITRIC ACID [01]
UF *Hydrogen Nitrates*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Aqua Regia
RT Denitration

NITRIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
NT1 Nitrocellulose
NT1 Nitroglycerin
NT1 Peroxyacetyl Nitrate
NT1 PETN

NITRIC OXIDE (NO.)
DA January 1976
BT1 Nitrogen Oxides
BT2 Nitrogen Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds

NITRIDATION [01]
BT1 Chemical Reactions
RT Nitrides

NITRIDES [01]
BT1 Nitrogen Compounds
BT1 Pnictides
NT1 Aluminium Nitrides
NT1 Americium Nitrides
NT1 Argon Nitrides
NT1 Barium Nitrides
NT1 Berkelium Nitrides
NT1 Beryllium Nitrides
NT1 Boron Nitrides
NT1 Calcium Nitrides
NT1 Californium Nitrides
NT1 Carbon Nitrides
NT1 Cerium Nitrides
NT1 Cesium Nitrides
NT1 Chromium Nitrides
NT1 Copper Nitrides
NT1 Curium Nitrides
NT1 Dysprosium Nitrides
NT1 Einsteinium Nitrides
NT1 Erbium Nitrides
NT1 Europium Nitrides
NT1 Fermium Nitrides
NT1 Gadolinium Nitrides
NT1 Gallium Nitrides
NT1 Germanium Nitrides
NT1 Hafnium Nitrides
NT1 Helium Nitrides
NT1 Holmium Nitrides
NT1 Indium Nitrides
NT1 Iron Nitrides
NT1 Lanthanum Nitrides
NT1 Lead Nitrides
NT1 Lithium Nitrides
NT1 Magnesium Nitrides
NT1 Manganese Nitrides
NT1 Mendelevium Nitrides
NT1 Molybdenum Nitrides
NT1 Neodymium Nitrides
NT1 Neptunium Nitrides
NT1 Nickel Nitrides
NT1 Niobium Nitrides
NT1 Nobelium Nitrides
NT1 Palladium Nitrides
NT1 Phosphorus Nitrides
NT1 Plutonium Nitrides
NT1 Potassium Nitrides
NT1 Praseodymium Nitrides
NT1 Rhenium Nitrides
NT1 Rhodium Nitrides
NT1 Ruthenium Nitrides
NT1 Samarium Nitrides
NT1 Scandium Nitrides
NT1 Silicon Nitrides
NT1 Silver Nitrides
NT1 Sodium Nitrides
NT1 Sulfur Nitrides
NT1 Tantalum Nitrides
NT1 Terbium Nitrides
NT1 Thorium Nitrides
NT1 Thulium Nitrides
NT1 Tin Nitrides
NT1 Titanium Nitrides
NT1 Tungsten Nitrides
NT1 Uranium Nitrides
NT1 Vanadium Nitrides
NT1 Ytterbium Nitrides
NT1 Yttrium Nitrides
NT1 Zinc Nitrides
NT1 Zirconium Nitrides
RT Carbonitrides
RT Nitridation

NITRILES [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Acrylonitrile
NT1 Propiolonitrile
NT1 TTF-TCNQ
RT Carboxylic Acids
RT Isonitriles

Nitrilotriacetic Acid
USE NTA

NITRITES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Nitrogen Compounds

NITRO COMPOUNDS [01]
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Dinitrophenol
NT1 DPPH
NT1 Metronidazole
NT1 Nitrobenzene
NT1 Nitromethane
NT1 Nitrophenol
NT1 Picric Acid
NT1 SDPPH
NT1 Tetryl
NT1 TNT

NITROBENZENE [01]
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Benzene

NITROCELLULOSE [01]
UF *Collodion*
UF *Gun Cotton*
UF *Pyroxylin*
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Celluloid

NITROGEN [01]
UF *Nitrogen Nitrides*
BT1 Cryogenic Fluids
BT2 Fluids
BT1 Nonmetals
BT2 Elements
RT Denitrification
RT Inert Atmosphere
RT Kjeldahl Method
RT Nitration
RT Nitrogen Fixation
RT Tioga Nitrogen Removal Process

NITROGEN 11 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NITROGEN 12 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NITROGEN 13 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NITROGEN 14 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Nitrogen 14 Beams
RT Nitrogen 14 Reactions

NITROGEN 15 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
RT Nitrogen 15 Reactions

NITROGEN 16 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NITROGEN 17 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NITROGEN 18 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NITROGEN 19 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NITROGEN 20
DA February 1975
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

NITROGEN 22 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei

NITROGEN ADDITIONS [01]
BT1 Alloys
NT1 Alloy-N-155
NT1 Stainless Steel-Z3cmn18-8-6N
NT1 Stainless Steel-Z2cn18-10N
NT1 Steel-08G2sfb
NT1 Steel-03Kh13ag13
NT1 Steel-40Khnma

NITROGEN 14 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Nitrogen 14

NITROGEN CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Nitrogen Compounds

NITROGEN CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nitrogen Compounds

NITROGEN COMPLEXES [01]
BT1 Complexes

NITROGEN COMPOUNDS [01]
NT1 Azides
NT1 Cyanates
NT1 Hydrazine
NT1 Isocyanic Acid
*NT1 Nitrates
*NT1 Nitrides
NT1 Nitrites
NT1 Nitrogen Carbides
NT1 Nitrogen Chlorides
NT1 Nitrogen Fluorides
NT1 Nitrogen Hydrides
NT2 Ammonia
NT1 Nitrogen Iodides
NT1 Nitrogen Oxides
NT2 Nitric Oxide
NT2 Nitrogen Dioxide
NT2 Nitrous Oxide
NT1 Oxynitrates
RT Denitrification
RT Organic Nitrogen Compounds

NITROGEN COOLED REACTORS [01]
DA May 1975
BT1 Gas Cooled Reactors
BT2 Reactors
NT1 HTLTR Reactor
NT1 ML-1 Reactor
NT1 Zenith Reactor

NITROGEN CYCLE [01]
DA April 1975
RT Fertilizers
RT Metabolism
RT Mineral Cycling
RT Nitrogen Fixation

NITROGEN DIOXIDE [01] (NO_2.)
DA January 1976
BT1 Nitrogen Oxides
BT2 Nitrogen Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds

NITROGEN FIXATION [01]
RT Air
RT Bacteria
RT Metabolism
RT Nitrogen
RT Nitrogen Cycle
RT Plant Growth
RT Soils

NITROGEN FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nitrogen Compounds

NITROGEN HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Nitrogen Compounds
NT1 Ammonia

NITROGEN IODIDES
DA January 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Nitrogen Compounds

NITROGEN IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

NITROGEN ISOTOPES [01]
NT1 Nitrogen 11
NT1 Nitrogen 12
NT1 Nitrogen 13
NT1 Nitrogen 14
NT1 Nitrogen 15
NT1 Nitrogen 16
NT1 Nitrogen 17
NT1 Nitrogen 18
NT1 Nitrogen 19
NT1 Nitrogen 20
NT1 Nitrogen 22

NITROGEN MUSTARD [01]
UF *Bis(chlorethyl)amine*
UF *Dichlorodiethylamine*
UF *Mustard (Nitrogen)*
BT1 Alkylating Agents
BT2 Antimitotic Drugs
BT3 Drugs
BT1 Amines
BT2 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
RT Mutagens

Nitrogen Nitrides
USE Nitrogen

NITROGEN OXIDES [01]
BT1 Nitrogen Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
NT1 Nitric Oxide
NT1 Nitrogen Dioxide
NT1 Nitrous Oxide

NITROGEN 14 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Nitrogen 14

NITROGEN 15 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Nitrogen 15

Nitrogen Sulfides
USE Sulfur Nitrides

NITROGEN 12 TARGET [01]
DA July 1976
BT1 Targets

NITROGEN 13 TARGET [01]
DA July 1976
BT1 Targets

NITROGEN 14 TARGET [01]
DA July 1976
BT1 Targets

NITROGEN 15 TARGET [01]
DA July 1976
BT1 Targets

NITROGEN 16 TARGET [01]
DA November 1977
BT1 Targets

NITROGENASES
DA December 1978
BT1 Oxidoreductases
BT2 Enzymes
DEF Enzyme system envolved in nitrogen fixing activity of a variety of legumenous plants.

NITROGLYCERIN
DA June 1975
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitric Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Glycerol

NITROMETHANE
DA September 1976
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

NITROPHENOL [01]
DA May 1975
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Phenols
BT2 Aromatics

BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Dinitrophenol

NITROSO COMPOUNDS [01]
UF+ *Streptozotocin*
UF+ *Streptozotocin 7*
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 1-Nitroso-2-Naphthol
NT1 Nitroso-R Salt

1-NITROSO-2-NAPHTHOL [01]
UF *Alpha-Nitroso-beta-Naphthol*
UF *ANBN*
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Nitroso Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents

NITROSO-R SALT [01]
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Nitroso Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

NITROUS ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

NITROUS ACID ESTERS
DA December 1976
BT1 Esters
BT2 Organic Compounds

NITROUS OXIDE (N_2O.)
DA January 1976
BT1 Nitrogen Oxides
BT2 Nitrogen Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds

NMR
USE Nuclear Magnetic Resonance

NMR Logging
DA June 1976
USE Nuclear Magnetic Logging

NMR SPECTRA [01]
DA July 1978
BT1 Spectra
RT Nuclear Magnetic Resonance

NMR SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

N,N-Ethylenebis(2-(O-Hydroxyphenyl)Glycine)
DA June 1976
USE EDDHA

No. 2 Fuel Oil
DA March 1976
USE Heating Oils

NOBELIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements

NOBELIUM 250 [01]
DA November 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 251 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 252 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 253 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Nobelium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NOBELIUM 254 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

NOBELIUM 255 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 256 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 257 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 258 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 259 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM 260 [01]
DA October 1978
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nobelium Isotopes
BT2 Actinide Isotopes

NOBELIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Nobelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NOBELIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Nobelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NOBELIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

NOBELIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Nobelium Carbides
NT1 Nobelium Chlorides
NT1 Nobelium Nitrides
NT1 Nobelium Oxides
NT1 Nobelium Sulfides

NOBELIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

NOBELIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Nobelium 250
NT1 Nobelium 251
NT1 Nobelium 252
NT1 Nobelium 253
NT1 Nobelium 254
NT1 Nobelium 255
NT1 Nobelium 256

NT1 Nobelium 257
NT1 Nobelium 258
NT1 Nobelium 259
NT1 Nobelium 260

NOBELIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Nobelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

NOBELIUM OXIDES [01]
BT1 Nobelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

NOBELIUM SULFIDES [01]
BT1 Nobelium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

Noble Gases
USE Rare Gases

NOCARDIA [01]
BT1 Bacteria
BT2 Microorganisms
RT Actinomyces

NOCTILUCENT CLOUDS
DA January 1975
BT1 Clouds
RT Airglow
RT Luminescence

NOGIZAWALITE [01]
BT1 Minerals
BT1 Rare Earth Compounds
BT1 Zirconium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds

NOISE [01]
NT1 Background Noise
NT1 Radio Noise
NT2 Atmospherics
NT2 Whistlers
NT1 Temperature Noise
RT Fluctuations
RT Noise Pollution
RT Noise Pollution Abatement
RT Steam Mufflers

Noise (Reactor)
USE Reactor Noise

NOISE POLLUTION
DA March 1977
BT1 Pollution
RT Noise
RT Noise Pollution Abatement
RT Noise Pollution Control
DEF Objectional or harmful levels of noise.

NOISE POLLUTION ABATEMENT
(Involves measures taken to prevent the formation of objectional or harmful levels of noise.)
DA March 1977
RT Noise
RT Noise Pollution
RT Noise Pollution Control

NOISE POLLUTION CONTROL
(Involves measures taken to prevent the spread of noise after it is formed.)
DA March 1977
BT1 Pollution Control
RT Noise Pollution
RT Noise Pollution Abatement
RT Pollution Control Equipment

NOISE THERMOMETERS [01]
DA January 1975
BT1 In Core Instruments
BT2 Reactor Instrumentation
BT1 Thermometers
BT2 Measuring Instruments
RT Temperature Measurement
DEF A thermometer with operation based on the Nyquist theorem of thermal noise. The noise thermometer is independent of environmental influences that normally affect thermocouples, resistance thermometers, etc.

NOK-1 Reactor
USE Beznau-1 Reactor

NOK-2 Reactor
USE Beznau-2 Reactor

NOLEN-SCHIFFER ANOMALY [01]
RT Coulomb Energy
RT Isobaric Analogs

NOMOGRAMS [01]
BT1 Diagrams

Non-Canonical Dimension
DA April 1975
USE Anomalous Dimension

NON-DISJUNCTION [01]
RT Aneuploidy
RT Cell Division
RT Genome Mutations

Non-Dispersive Ion Waves
USE Ion Acoustic Waves

NON-EQUILIBRIUM PLASMA [01]
BT1 Plasma

Non Lagrangian Quantum Field Theory
DA March 1978
USE Axiomatic Field Theory

NON-PROLIFERATION TREATY [01]
BT1 Treaties
RT Nuclear Materials Possession
RT Proliferation
RT Safeguards

NONANOIC ACID [01]
UF *Nonylic Acid*
UF *Pelargonic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

NONAQUEOUS SOLVENTS [01]
(See also ORGANIC SOLVENTS.)
BT1 Solvents
RT Solvation

Nonaxial Nuclei
USE Deformed Nuclei

NONCENTRAL FORCES [01]
RT Potentials
RT Tensor Mesons

NONDESTRUCTIVE ANALYSIS [01]
BT1 Chemical Analysis
NT1 Delayed Neutron Analysis
NT1 Ion Microprobe Analysis
NT1 Ion Scattering Analysis
NT1 Radiation Absorption Analysis
NT1 Radiation Scattering Analysis
NT1 X-Ray Emission Analysis
NT2 X-Ray Fluorescence Analysis
RT Activation Analysis
RT Nuclear Reaction Analysis

NONDESTRUCTIVE TESTING [01]
BT1 Materials Testing
BT2 Testing
NT1 Acoustic Testing
NT2 Acoustic Emission Testing
NT2 Ultrasonic Testing
NT1 Electrical Testing
NT1 Electromagnetic Testing
NT2 Eddy Current Testing
NT1 Industrial Radiography
NT2 Beta Radiography
NT2 Gamma Radiography
NT3 Gamma Fuel Scanning
NT2 Neutron Radiography
NT2 Proton Radiography
NT2 X-Ray Radiography
NT1 Liquid Penetrant Inspection
NT1 Magnetic Testing
NT1 Radiation Attenuation Testing
NT1 Thermal Testing
NT2 Frost Tests
NT2 Thermography
NT3 Infrared Thermography
RT Fuel Scanning
RT In-Service Inspection
RT Inspection
RT Quality Control
RT Radiometric Gages

Nonleptonic Decay
DA May 1978
USE Weak Hadronic Decay

Nonlinear Plasma Instabilities
USE Parametric Instabilities

NONLINEAR PROBLEMS [01]
UF *Nonlinear Systems*
RT Harmonics
RT Mathematics
RT Plasma Instability
RT Quasilinear Problems
RT Reactor Stability

NONLINEAR PROGRAMMING [01]
BT1 Econometrics
BT2 Economics

Nonlinear Systems
USE Nonlinear Problems

NONLOCAL POTENTIAL [01]
BT1 Potentials
RT Locality
RT Nuclear Potential
RT Perey-Buck Model

NONMETALS [01]
BT1 Elements
NT1 Carbon
NT2 Activated Carbon
NT2 Carbon Black
NT2 Diamonds
NT2 Graphite
NT2 Pyrolytic Carbon
NT1 Halogens
NT2 Astatine
NT2 Bromine
NT2 Chlorine
NT2 Fluorine
NT2 Iodine
NT1 Hydrogen
NT1 Nitrogen
NT1 Oxygen
NT1 Phosphorus
NT1 Rare Gases
NT2 Argon
NT2 Helium
NT2 Krypton
NT2 Neon
NT2 Radon
NT2 Xenon
NT1 Sulfur
RT Semimetals

Nonradioactive Waste Disposal
(Prior to April 1977 this was a valid term.)
DA April 1977
USE Waste Disposal

Nonradioactive Wastes
(Prior to April 1977 this was a valid term.)

DA April 1977
SEE Gaseous Wastes
OR Liquid Wastes
OR Solid Wastes
OR Wastes

NONUNIFORM IRRADIATION [01]
BT1 Irradiation
RT Isodose Curves
RT Radionuclide Kinetics
RT Spatial Dose Distributions

NONUNITARY REPRESENTATIONS [01]
UF *Representations (Nonunitary)*
RT Group Theory
RT Irreducible Representations
RT Symmetry Groups
RT Unitarity

NONYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Nonylic Acid
USE Nonanoic Acid

NORA REACTOR [01]
UF *Norwegian Research Reactor NORA*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT Enriched Uranium Reactors
RT Natural Uranium Reactors

NORADRENALINE [01]
BT1 Adrenal Hormones
BT2 Steroid Hormones
BT3 Hormones
BT1 Sympathomimetics
BT2 Drugs

NORBORNADIENE
DA December 1977
BT1 Cycloalkenes
BT2 Alkenes
BT3 Hydrocarbons
BT4 Organic Compounds

NORD COMPUTERS [01]
DA November 1976
BT1 Computers

Nordheim Equation
USE Inhour Equation

NORDHEIM-SCALETTAR METHOD [01]
RT Control Rod Worths

NORDSTRANDITE
DA October 1975
BT1 Aluminium Hydroxides
BT2 Aluminium Compounds
BT2 Hydroxides
BT3 Hydrogen Compounds
BT3 Oxygen Compounds
BT1 Minerals
DEF A mineral $Al(OH)_3$.

NORMAL-MODE ANALYSIS [01]
UF *Analysis (Normal-Mode)*
RT Fourier Analysis
RT Plasma Waves

NORTH AMERICA [01]
NT1 Canada
NT2 Alberta
NT3 Beaverlodge
NT2 British Columbia
NT2 Manitoba
NT2 New Brunswick
NT2 Newfoundland
NT2 Northwest Territories
NT3 Port Radium
NT2 Nova Scotia
NT2 Ontario
NT3 Chalk River
NT3 Deep River
NT2 Quebec
NT2 Saskatchewan
NT2 Yukon Territory
NT1 Mexico
NT1 USA
NT2 Alabama
NT2 Alaska
NT2 Appalachia
NT2 Arizona
NT2 Arkansas
NT2 California
NT3 Coso Hot Springs
NT3 Imperial Valley
NT4 Salton Sea
NT3 Long Valley
NT3 Los Angeles
NT2 Delaware
NT2 Florida
NT3 Cape Kennedy
NT2 Georgia
NT3 Atlanta
NT2 Great Basin
NT2 Hawaii
NT2 Idaho
NT3 Raft River Valley
NT2 Illinois
NT3 Chicago
NT2 Indiana
NT2 Iowa
NT2 Kansas
NT2 Kentucky
NT2 Louisiana
NT2 Maryland
NT2 Michigan
NT2 Minnesota
NT2 Mississippi
NT2 Missouri
NT2 Nebraska
NT2 Nevada
NT3 Steamboat Springs
NT2 New Jersey
NT2 New Mexico
NT3 Jemez Mountains
NT3 Los Alamos
NT2 New York
NT3 New York City
NT2 North Carolina
NT2 Ohio
NT3 Cleveland
NT2 Oklahoma
NT2 Oregon
NT2 Pennsylvania
NT3 Pittsburgh
NT2 Puerto Rico
NT2 Rocky Mountain Region
NT3 Colorado
NT4 Mahogany Zone
NT4 Sand Wash Basin
NT3 Montana
NT3 North Dakota
NT3 South Dakota
NT4 Table Mountain Area
NT3 Utah
NT4 Roosevelt Hot Springs
NT3 Wyoming
NT4 Rock Springs Sites
NT4 Washakie Basin
NT2 South Carolina
NT2 Tennessee
NT3 Chattanooga
NT3 Oak Ridge
NT2 Texas
NT2 Virgin Islands
NT2 Virginia
NT2 Washington
NT3 Richland
NT2 Washington DC
NT2 West Virginia
NT2 Wisconsin

NORTH ANNA-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

NORTH ANNA-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

NORTH ANNA-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NORTH ANNA-4 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NORTH ATLANTIC REGION
DA July 1978
UF *New England*
UF *Region I*
NT1 Connecticut
NT1 Maine
NT1 Massachusetts
NT1 New Hampshire
NT1 Rhode Island
NT1 Vermont

NORTH CAROLINA [01]
BT1 Southeast Region
BT1 USA
BT2 North America
RT Cape Fear River
RT Onslow Bay

North Carolina PULSTAR Reactor
USE Pulstar-Raleigh Reactor

North Carolina State College Research Reactor-1
USE NCSCR-1 Reactor

North Carolina State College Research Reactor-2
USE NCSCR-2 Reactor

North Carolina State College Research Reactor-3
USE NCSCR-3 Reactor

North Carolina State College Research Reactor-4
USE NCSCR-4 Reactor

NORTH COAST-1 REACTOR [01]
(Formerly the Aguirre-I Reactor relocated and renamed.)
DA April 1975
UF *Aguirre-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors

BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT Aguirre Reactor

NORTH DAKOTA [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
RT Missouri River

NORTH KOREA [01]
UF *Korea (North)*
BT1 Asia

NORTH PLATTE RIVER
DA October 1977
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT North Platte River Basin

NORTH PLATTE RIVER BASIN
DA October 1977
RT Colorado
RT Nebraska
RT North Platte River
RT Wyoming

NORTH SEA [01]
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters

NORTH-SOUTH ASYMMETRY [01]
(For cosmic radiation only.)
BT1 Asymmetry
RT Cosmic Radiation
RT Geographical Variations

NORTH STAR PROJECT
DA October 1976
RT International Agreements
RT Liquefied Natural Gas
DEF Proposal to ship natural gas from North Central Siberia to U. S. East Coast.

NORTH VIETNAM [01]
UF *Vietnam - North*
BT1 Asia

Northern Ireland
USE United Kingdom

Northern Rhodesia
USE Zambia

Northern States Monticello Rea
USE Monticello Reactor

NORTHERN TERRITORY [01]
BT1 Australia
BT2 Australasia
RT Jabiluka Deposit
RT Koongarra Deposit
RT Nabarlek Deposit
RT Ranger Deposit
RT South Alligator Deposit

Northrop TRIGA-Mark-F Reactor
USE TRIGA-F-Nor Reactor

NORTHWEST TERRITORIES [01]
BT1 Canada
BT2 North America
NT1 Port Radium

NORWAY [01]
BT1 Scandinavia
BT2 Europe

NORWEGIAN ORGANIZATIONS [01]
DA May 1975
BT1 National Organizations

Norwegian Research Reactor NORA
USE Nora Reactor

Nos. 5 and 6 Burner Oils
DA January 1976
USE Residual Fuels

Nos. 4, 5, and 6 Fuel Oils
DA January 1976
USE Residual Fuels

NOSE [01]
BT1 Face
BT2 Head
BT3 Body Areas
BT4 Body
BT1 Respiratory System
RT Sense Organs

NOSE CONES
DA January 1975
RT Reentry
RT Space Vehicles

NOTCHES [01]
RT Cracks
RT Impact Tests

NOVA FACILITY
DA April 1978
RT Shiva Facility

NOVA MODEL [01]
BT1 Particle Models
BT2 Mathematical Models

NOVA SCOTIA [01]
BT1 Canada
BT2 North America

NOVACEKITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Magnesium Oxides
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

NOVAE [01]
BT1 Eruptive Variable Stars
BT2 Variable Stars
BT3 Stars
RT Supernovae

Novain
USE Carnitine

Novo Voronezh-1 Reactor
USE WWER-1 Reactor

Novo Voronezh-2 Reactor
USE WWER-2 Reactor

Novo Voronezh-3 Reactor
USE WWER-3 Reactor

Novo Voronezh-4 Reactor
USE WWER-4 Reactor

Novo Voronezh-5 Reactor
USE WWER-5 Reactor

Novocaine
USE Procaine

NOZZLES [01]
RT Aerosol Generators
RT Flowmeters
RT Fuel Injection Systems
RT Jet Drills
RT Jets
RT Orifices
RT Pipe Fittings
RT Separation Nozzle Method

NPD REACTOR [01]
UF *Nuclear Power Demonstration Reactor Canada*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

NPD2 Rolphton Reactor
USE Rolphton NPD-2 Reactor

NPR Reactor
USE N-Reactor

N*RESONANCES [01]
UF *Delta Resonances (Barion)*
UF *Isobars (Nucleon)*
UF *Nucleon Isobars*
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 Delta-1236 Resonances
NT1 Delta-1650 Resonances
NT1 Delta-1670 Resonances
NT1 Delta-1877 Resonances
NT1 Delta-1890 Resonances
NT1 Delta-1910 Resonances
NT1 Delta-1950 Resonances
NT1 Delta-1960 Resonances
NT1 Delta-2200 Resonances
NT1 Delta-2420 Resonances
NT1 Delta-2850 Resonances
NT1 Delta-3230 Resonances
NT1 N-1470 Resonances
NT1 N-1520 Resonances
NT1 N-1535 Resonances
NT1 N-1680 Resonances
NT1 N-1688 Resonances
NT1 N-1700 Resonances
NT1 N-1780 Resonances
NT1 N-1860 Resonances
NT1 N-1990 Resonances
NT1 N-2040 Resonances
NT1 N-2190 Resonances
NT1 N-2650 Resonances
NT1 N-3030 Resonances
RT Fractional-Parentage Coefficients

NRL CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

NRL LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

NRR REACTOR [01]
UF *US Naval Research Laboratory Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors

BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

NRTS
(Name changed in 1976 to Idaho National Engineering Laboratory.)
DA December 1975
USE Idaho National Engineering Laboratory

NRTS-ETR Reactor
USE ETR Reactor

NRTS-LPTF Reactor
USE LPTF Reactor

NRU Canada Reactor
USE NRU Reactor

NRU REACTOR [01]
UF *Canadian NRU Reactor*
UF *NRU Canada Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

NRX-A4-EST REACTOR [01]
UF *NERVA NRX-A4 Engine System Test Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A1 REACTOR
DA February 1975
UF *NERVA NRX-A1 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A2 REACTOR [01]
UF *NERVA NRX-A2 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A3 REACTOR [01]
UF *NERVA NRX-A3 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A5 REACTOR [01]
UF *NERVA NRX-A5 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A6 REACTOR [01]
UF *NERVA NRX-A6 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

NRX-A7 REACTOR
DA February 1975
UF *NERVA NRX-A7 Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
RT Hydrogen Cooled Reactors

NRX REACTOR [01]
UF *Canada NRX Research Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

NS ARKTIKA [01]
DA September 1976
BT1 Nuclear Ships
BT2 Ships
RT Arktika Reactor

NS ENRICO FERMI
DA January 1975
BT1 Nuclear Ships
BT2 Ships
RT Enrico Fermi Reactor

NS LENIN [01]
UF *Lenin (Nuclear Ship)*
BT1 Nuclear Ships
BT2 Ships
RT Lenin Reactor

NS MUTSU [01]
UF *Mutsu (Nuclear Ship)*
BT1 Nuclear Ships
BT2 Ships
RT Mutsu Reactor

NS OTTO HAHN [01]
UF *Otto Hahn (Nuclear Ship)*
BT1 Nuclear Ships
BT2 Ships
RT Otto Hahn Reactor

NS SAVANNAH [01]
UF *Savannah (Nuclear Ship)*
BT1 Nuclear Ships
BT2 Ships
RT Savannah Reactor

NSCR REACTOR [01]
UF *Nuclear Science Center Reactor Texas*
UF *Texas College Station Training Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

NSF-RFP REACTOR [01]
UF *Nuclear Safety Facility-RFP Reactor*
UF *Rocky Flats Plant Nuclear Safety Facility*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

NSLS
DA April 1979
UF *National Synchrotron Light Source*
BT1 Synchrotron Radiation Sources

BT2 Radiation Sources
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators
RT Light Sources
RT Synchrotron Radiation
RT X-Ray Sources

NSPP
USE Nuclear Safety Pilot Plant

NSR-1 REACTOR [01]
UF *Neutron Source Reactor-1 USAEC*
UF *Schizo Reactor*
UF *US AEC-NSR-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NSR-2 REACTOR [01]
UF *Neutron Source Reactor-2 USAEC*
UF *Phrenic Reactor*
UF *US AEC-NSR-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NSRR REACTOR [01]
(Nuclear Safety Research Reactor in Japan.)
DA May 1975
UF *Nuclear Safety Research Reactor (Japan)*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NTA [01]
UF *Nitrilotriacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

NTR REACTOR [01]
UF *General Electric Nuclear Test Reactor*
UF *Nuclear Test Reactor General Electric Company*
UF *Pleasanton USA NTR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NTU PROCESS
DA April 1975
RT Oil Shales
RT Retorting
DEF Air is admitted at top of retort, supporting combustion which moves downward through oil shale bed. When fire front reaches bottom, operation is halted; spent shale is dumped. A batch process, it is not suitable for retorting on commercial basis.

Nuclear Accidents
USE Accidents

Nuclear Acoustic Resonance
USE Acoustic NMR

NUCLEAR ALIGNMENT [01]
RT Oriented Nuclei
RT Spin Orientation

Nuclear Attacks
USE Nuclear Weapons

NUCLEAR CASCADES [01]
UF *Cascades (Nuclear)*
UF *Intranuclear Cascades*
NT1 Gamma Cascades
RT Energy Levels

Nuclear Charge
USE Atomic Number

NUCLEAR CHEMISTRY
DA January 1975
BT1 Chemistry

Nuclear Contestation
DA April 1975
USE Public Relations

Nuclear Controversy
USE Hazards
AND Human Populations

NUCLEAR CORES [01]
UF *Cores (Nuclear)*
RT Nuclear Structure

NUCLEAR DATA COLLECTIONS [01]
RT Data Compilation
RT Evaluated Data
RT Information Systems
RT International Nuclear Data Committee

NUCLEAR DEFORMATION [01]
(For deformation of not permanently deformed nuclei.)
BT1 Deformation
RT Deformed Nuclei

NUCLEAR ELECTRIC MOMENTS [01]
BT1 Electric Moments
BT1 Nuclear Properties
RT Electric Dipole Moments
RT Nuclear Quadrupole Resonance
RT Perturbed Angular Correlation
RT Quadrupole Moments

NUCLEAR EMULSIONS [01]
RT Autoradiography
RT Images
RT Latent Images
RT Photographic Film Detectors
RT Photographic Film Dosemeters
RT Photographic Films
RT Radiator Counters

NUCLEAR ENERGY [01]
DA January 1975
BT1 Energy

Nuclear Energy Agency
USE NEA

NUCLEAR ENGINEERING [01]
BT1 Engineering
RT Nuclear Industry
RT Reactor Technology
RT Reactors

Nuclear Engineering Test Reactor
USE NETR Reactor

Nuclear Evaporation
USE Evaporation Model

NUCLEAR EXCAVATION [01]
BT1 Excavation
RT Cratering Explosions
RT Nuclear Explosions
RT Plowshare Project
RT Surface Explosions
RT Underground Explosions
RT Underwater Explosions

NUCLEAR EXPLOSION DETECTION [01]
UF *Detection (Nuclear Explosions)*
BT1 Detection
RT Atmospheric Explosions
RT Nuclear Explosions
RT Seismic Detection
RT Underground Explosions

NUCLEAR EXPLOSIONS [01]
(Specifically named single nuclear explosions are listed by name and the word EVENT, e.g., BOXCAR EVENT. All projects involving nuclear explosions are listed by the project name and the word PROJECT, e.g., PLOWSHARE PROJECT.)
UF *Atomic Explosions*
UF *Nuclear Weapon Tests*
BT1 Explosions
NT1 Almendro Event
NT1 Anvil Project
NT1 Arbor Project
NT1 Argus Event
NT1 Baneberry Event
NT1 Bedrock Project
NT1 Benham Event
NT1 Boxcar Event
NT1 Bronco Event
NT1 Cabriolet Event
NT1 Calabash Event
NT1 Cannikin Event
NT1 Carpetbag Event
NT1 Danny Boy Event
NT1 Dining Car Event
NT1 Faultless Event
NT1 Flintlock Operation
NT1 Fulcrum Operation
NT1 Gasbuggy Event
NT1 Greeley Event
NT1 Hadley Event
NT1 Halfbeak Event
NT1 Handcar Event
NT1 Handley Event
NT1 Holly Event
NT1 Hushed Echo Event
NT1 Husky Ace Event
NT1 Hutch Event
NT1 Jorum Event
NT1 Latchkey Operation
NT1 Latir Event
NT1 Middle Gust Event
NT1 Milrow Event
NT1 Miniata Event
NT1 Monique Event
NT1 Orange Event

NT1 Pin Stripe Event
NT1 Pokhran Event
NT1 Portmanteav Event
NT1 Rio Blanco Event
NT1 Rulison Event
NT1 Scotch Event
NT1 Starfish Event
NT1 Stilton-Hushed Echo Event
NT1 Swordfish Event
NT1 Teak Event
NT1 Thermonuclear Explosions
NT2 Schooner Event
NT1 Trinity Event
NT1 Tybo Event
NT1 Wagon Wheel Event
RT Aleutian Islands
RT Artificial Radiation Belts
RT Atmospheric Explosions
RT Buffalo Project
RT Castle Project
RT Cavities
RT Civil Defense
RT Contained Explosions
RT Cratering Explosions
RT Crossroads Project
RT Dominic Project
RT Electromagnetic Pulses
RT Excavation
RT Explosive Fracturing
RT Explosive Stimulation
RT Fallout
RT Fission
RT Fission Products
RT Global Fallout
RT Greenhouse Project
RT Ground Motion
RT Hardtack Project
RT Hiroshima
RT Ivy Project
RT Jangle Project
RT Marshall Islands
RT Nagasaki
RT Nevada Test Site
RT Nuclear Excavation
RT Nuclear Explosion Detection
RT Nuclear Fireballs
RT Nuclear Weapons
RT Plowshare Project
RT Plumbbob Project
RT Radioactive Clouds
RT Seismic Effects
RT Seismic Events
RT Shelters
RT Shock Waves
RT Surface Explosions
RT Thunderbird Project
RT Underground Explosions
RT Underwater Explosions
RT Upshot Project
RT Vela Project

NUCLEAR EXPLOSIVES [01]
BT1 Explosives

NUCLEAR FACILITIES [01]
NT1 Cimarron Plutonium Production Plant
NT1 Feed Materials Plants
NT2 Feed Materials Production Center
NT2 Highland Uranium Mill
NT2 Shirley Basin Uranium Mill
NT2 West Valley UF6 Facility
NT1 Fuel Cycle Centers
NT1 Fuel Fabrication Plants
NT2 Cimarron Uranium Fuel Plant
NT2 Exxon Fuel Fabrication Facility
NT2 General Atomic Fuel Fabrication Facility
NT2 Mixed Oxide Fuel Fabrication Plants
NT2 Westinghouse Recycle Fuels Plant
NT1 Fuel Reprocessing Plants
NT2 Barnwell Fuel Processing Plant
NT2 CEA la Hague
NT2 Cogema La Hague
NT2 Idaho Chemical Processing Plant
NT2 Karlsruhe Reprocessing Plant
NT2 Midwest Fuel Recovery Plant
NT2 Nuclear Fuel Recovery and Recycling Center
NT2 WAK
NT2 West Valley Processing Plant
NT2 Westinghouse Recycle Fuels Plant
NT1 Humeca Uranium Mill
NT1 Irradiation Plants
NT2 Isomed
NT1 Isotope Separation Plants
NT2 Centrifuge Enrichment Plants
NT2 Gaseous Diffusion Plants
NT3 Cogema Pierrelatte
NT3 ORGDP
NT3 Paducah Plant
NT3 Portsmouth Gaseous Diffusion Plant
NT2 Heavy Water Plants
NT2 Tritium Extraction Plant
NT1 Nuclear Power Plants
NT2 BOPSSAR Standard Plant
NT2 Ebasco Standard Plant
NT2 Gibbssar Standard Plant
NT2 Offshore Nuclear Power Plants
NT3 Atlantic-2 Reactor
NT2 Swessar Standard Plant
NT2 Underground Nuclear Stations
NT1 Radioactive Waste Facilities
RT Controlled Areas
RT Energy Facilities
RT Nuclear Parks
RT Test Facilities

NUCLEAR FIREBALL MODEL [01]
DA October 1978
UF *Firestreak Model*
BT1 Nuclear Models
BT2 Mathematical Models
RT Evaporation Model
RT Heavy Ion Reactions
RT Inclusive Interactions
RT Quasi-Fission
RT Spallation
DEF Nuclear reaction model for the total disintegration of the two nuclei in relativistic heavy ion reactions.

NUCLEAR FIREBALLS [01]
DA January 1975
BT1 Fireballs
RT Nuclear Explosions

NUCLEAR FORCES [01]
NT1 Wigner Force
RT Binding Energy
RT Mass Defect
RT Nuclear Potential
RT Potentials
RT Tensor Forces

NUCLEAR FRAGMENTS [01]
DA September 1977
NT1 Fission Fragments
NT1 Hypernuclei
NT1 Spallation Fragments
RT Nuclear Reaction Yield
DEF Nuclear reaction products.

NUCLEAR FUEL CONVERSION [01]
(Conversion of a fertile substance into a fissile substance.)
UF *Conversion (Nuclear Fuel)*
NT1 Breeding
RT Conversion Ratio
RT Fertile Materials

Nuclear Fuel Elements
USE Fuel Elements

NUCLEAR FUEL RECOVERY AND RECYCLING CENTER
(Exxon Nuclear Facility Roane County, Tennessee.)
DA September 1976
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities
RT Tennessee

NUCLEAR FUELS [01]
UF *Fuels (Nuclear)*
UF *Reactor Fuels*
BT1 Energy Sources
BT1 Fuels
BT1 Reactor Materials
NT1 Alloy Nuclear Fuels
NT1 Denatured Fuel
NT1 Dispersion Nuclear Fuels
NT1 Fuel Solutions
NT1 Liquid Metal Fuels
NT1 Molten Salt Fuels
NT1 Spent Fuels
RT Accelerator Breeders
RT Burnup
RT Fertile Materials
RT Fissile Materials
RT Fission
RT Fuel-Cladding Interactions
RT Fuel-Coolant Interactions
RT Fuel Cycle
RT Fuel Densification
RT Fuel Elements
RT Fuel Particles
RT Fuel Pellets
RT Fuel Washers
RT Nuclear Materials Management
RT Reactors
RT Thorium Cycle
RT Uranium

NUCLEAR FURNACE REACTOR [01]
BT1 Beryllium Moderated Reactors
BT2 Metal Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

NUCLEAR INDUSTRY [01]
BT1 Industry
RT Construction
RT Fuel Fabrication Plants
RT Fuel Reprocessing Plants
RT Gaseous Diffusion Plants
RT Nuclear Engineering
RT Nuclear Parks

NUCLEAR INSTRUMENT MODULES [01]
DA January 1975
UF *NIM*
RT CAMAC System
RT Computers
RT Data Acquisition Systems
RT Data Transmission
RT Electronic Equipment
RT On-Line Control Systems

NUCLEAR INSURANCE [01]
BT1 Insurance
RT Price-Anderson Act

Nuclear Log
DA June 1976
USE Radioactivity Logging

NUCLEAR MAGNETIC LOGGING [01]
DA June 1976
UF *NMR Logging*
BT1 Well Logging

NUCLEAR MAGNETIC MOMENTS [01]
BT1 Magnetic Moments
BT1 Nuclear Properties
RT Magnetic Dipole Moments
RT Perturbed Angular Correlation
RT Quadrupole Moments
RT Schmidt Lines

NUCLEAR MAGNETIC RESONANCE [01]
UF *NMR*
UF *Nuclear Spin Resonance*
UF *Paramagnetic Resonance (Nuclear)*

BT1 Magnetic Resonance
BT2 Resonance
NT1 Acoustic NMR
RT Chemical Shift
RT Knight Shift
RT NMR Spectra
RT Spin Echo
RT Spin-Lattice Relaxation
RT Spin-Spin Relaxation
RT Structural Chemical Analysis

NUCLEAR MATERIALS DIVERSION [01]
RT Adversaries
RT CIVEX Process
RT Motion Detection Systems
RT Safeguards

NUCLEAR MATERIALS MANAGEMENT [01]
UF *Fissionable Materials Management*
BT1 Management
RT Accounting
RT Cost
RT Detection
RT Fissile Materials
RT Fissionable Materials
RT Fuel Cycle
RT Harvest Process
RT Losses
RT Material Unaccounted For
RT Nuclear Fuels
RT Nuclear Materials Possession
RT Radioactive Wastes
RT Reprocessing
RT Safeguards

NUCLEAR MATERIALS POSSESSION [01]
DA June 1977
RT Non-Proliferation Treaty
RT Nuclear Materials Management
RT Nuclear Trade
RT Safeguard Regulations
RT Safeguards

NUCLEAR MATRIX [01]
BT1 Matrices

NUCLEAR MATTER [01]
BT1 Matter
RT Centauro-Type Events
RT Neutron Stars
RT Nuclei
RT Pion Condensation

NUCLEAR MEDICINE [01]
UF+ *Radiodiagnosis (Radionuclides)*
BT1 Medicine
NT1 Radiology
NT2 Biomedical Radiography
NT3 Fluoroscopy
NT3 Ionographic Imaging
NT3 Osteodensitometry
NT2 Radiotherapy
NT3 Afterloading
NT3 Neutron Capture Therapy
NT3 Neutron Therapy
RT Labelled Compounds
RT Radioisotopes
RT Radiopharmaceuticals
RT Scintiscanning
RT Tracer Techniques

NUCLEAR MODELS [01]
UF *Models (Nuclear)*
BT1 Mathematical Models
NT1 Bjorklund-Fernbach Model
NT1 Black Nucleus Model
NT1 Brueckner Model
NT1 Cloudy Crystal Ball Model
NT1 Cluster Model
NT1 Coherent Tube Model
NT1 Collective Model
NT1 Cranking Model
NT1 Davydov-Filipov Model
NT1 Droplet Model
NT1 Elliot Model
NT1 Evaporation Model
NT2 Weisskopf Model
NT1 Exciton Model
NT1 Fermi Gas Model
NT1 Goldberger Model
NT1 Lane-Thomas-Wigner Model
NT1 Liquid Drop Model
NT1 Nilsson-Mottelson Model
NT1 Nuclear Fireball Model
NT1 Order-Disorder Model
NT1 Particle-Core Model
NT1 Particle-Hole Model
NT1 Perey-Buck Model
NT1 Quartet Model
NT1 Shell Models
NT2 Governor Model
NT2 Interacting Boson Model
NT1 Spherical Model
NT1 Strong-Absorption Model
NT1 Superfluid Model
NT1 Unified Model
NT1 Valency Model
NT1 VMI Model
NT1 Weak-Coupling Model
RT Bohr-Wheeler Theory
RT Brueckner Method
RT Compound Nuclei
RT Deformed Nuclei
RT Hamada-Johnston Potential
RT Harmonic Oscillator Models
RT Hartree-Fock-Bogolyubov Theory
RT Hartree-Fock Method
RT Hill-Wheeler Theory
RT Hurwitz Effect
RT Kisslinger-Sorensen Theory
RT Nuclear Radii
RT Nuclear Structure
RT Nucleon-Nucleon Potential
RT Optical Models
RT Single-Particle Model
RT Strutinsky Theory

NUCLEAR MOLECULES [01]
DA April 1975
RT Interactions
RT Nuclei

NUCLEAR PARKS [01]
DA January 1975
BT1 Energy Parks
RT Fuel Fabrication Plants
RT Fuel Reprocessing Plants
RT Nuclear Facilities
RT Nuclear Industry
RT Nuclear Power Plants
DEF Facilities containing nuclear power plants plus on-site all support facilities and other nuclear related industries.

NUCLEAR PHYSICS [01]
(Use only for indexing articles of very broad coverage, such as annual reviews, text books, etc.)
BT1 Physics
RT High Energy Physics
RT Nuclear Theory

NUCLEAR POISONS [01]
(Neutron absorbers in a reactor.)
UF *Poisons (Nuclear)*
BT1 Reactor Materials
NT1 Burnable Poisons
NT1 Fission Poisons
NT1 Soluble Poisons
RT Poisoning
RT Reactor Poison Removal
RT Samarium Oscillations
RT Xenon Oscillations

NUCLEAR POTENTIAL [01]
BT1 Potentials
NT1 Fission Barrier
NT1 Hard-Core Potential
NT1 Harmonic Potential
NT1 Hulthen Potential
NT1 Soft-Core Potential
NT1 Square-Well Potential
NT1 Woods-Saxon Potential
NT1 Yukawa Potential
RT Gamow Barrier
RT Hamada-Johnston Potential
RT Nonlocal Potential
RT Nuclear Forces
RT Optical Models
RT Signell-Marshak Potential
RT Tabakin Potential
RT Wigner-Eisenbud Theory

NUCLEAR POWER [01]
BT1 Power
NT1 Residual Power
RT Electric Power
RT Electric Power Industry
RT Nuclear Power Phaseout
RT Off-peak Power

Nuclear Power Demonstration Reactor Canada
USE NPD Reactor

Nuclear Power Demonstration Reactor-2 Canada
USE Rolphton NPD-2 Reactor

NUCLEAR POWER PHASEOUT
DA October 1978
RT Energy Policy
RT Nuclear Power
DEF Policy senario wherein plants now operating or under contruction are allowed normal-life operation, but no additional plants allowed.

NUCLEAR POWER PLANTS [01]
UF *Nuclear Power Stations*
BT1 Nuclear Facilities
BT1 Thermal Power Plants
BT2 Power Plants
NT1 BOPSSAR Standard Plant
NT1 Ebasco Standard Plant
NT1 Gibbssar Standard Plant
NT1 Offshore Nuclear Power Plants
NT2 Atlantic-2 Reactor
NT1 Swessar Standard Plant
NT1 Underground Nuclear Stations
RT Nuclear Parks
RT Power Reactors
RT Risk Assessment

Nuclear Power Stations
USE Nuclear Power Plants

NUCLEAR PROPERTIES [01]
NT1 Nuclear Electric Moments
NT1 Nuclear Magnetic Moments
NT1 Nuclear Radii
RT Limiting Values
RT Nuclear Structure

NUCLEAR PUMPING [01]
RT Lasers
RT Optical Pumping
RT Stimulated Emission
DEF Laser-like pumping produced by electrons generated in nuclear reactions or, in general, by beams of charged particles.

NUCLEAR QUADRUPOLE RESONANCE [01]
BT1 Resonance
RT Electric Fields
RT Nuclear Electric Moments
RT Quadrupole Moments

NUCLEAR RADII [01]
UF *Charge Radius (Nuclear)*
UF *Mass Radius (Nuclear)*
BT1 Nuclear Properties
RT Charge Distribution
RT Nuclear Models
RT Nuclear Structure
RT Particle Radii

NUCLEAR REACTION ANALYSIS [01]
BT1 Chemical Analysis
NT1 Delayed Neutron Analysis
RT Activation Analysis
RT Nondestructive Analysis
RT Nuclear Reaction Analyzers

DEF Chemical analysis based on detection and analysis of prompt nuclear reaction products, e.g., gamma rays, neutrons, or charged particles.

NUCLEAR REACTION ANALYZERS
DA January 1979
BT1 Measuring Instruments
RT Delayed Neutron Analysis
RT Fuel Scanning
RT Neutron Activation Analyzers
RT Nuclear Reaction Analysis

NUCLEAR REACTION KINETICS [01]
BT1 Reaction Kinetics
BT2 Kinetics
RT Coupled Channel Born Approximation
RT Distorted Wave Theory
RT DWBA
RT Finite-Range Interactions
RT Nuclear Reactions
RT Q-Value
RT Rescattering
RT Resonating-Group Method
RT Spin Flip
RT Zero-Range Approximation

NUCLEAR REACTION YIELD [01]
UF *Yield (Nuclear Reaction)*
BT1 Yields
NT1 Fission Yield
NT1 Fusion Yield
RT Nuclear Fragments
RT Nuclear Reactions

NUCLEAR REACTIONS [01]
NT1 Breakup Reactions
NT1 Charge-Exchange Reactions
NT1 Charged-Particle Reactions
NT2 Alpha Reactions
NT2 Deuteron Reactions
NT2 Electron Reactions
NT3 Electrofission
NT2 Heavy Ion Reactions
NT3 Aluminium 27 Reactions
NT3 Argon 40 Reactions
NT3 Beryllium 9 Reactions
NT3 Boron 10 Reactions
NT3 Boron 11 Reactions
NT3 Calcium 40 Reactions
NT3 Calcium 44 Reactions
NT3 Calcium 48 Reactions
NT3 Carbon 12 Reactions
NT3 Carbon 13 Reactions
NT3 Carbon 14 Reactions
NT3 Chlorine 35 Reactions
NT3 Chlorine 37 Reactions
NT3 Chromium 52 Reactions
NT3 Chromium 54 Reactions
NT3 Copper 63 Reactions
NT3 Copper 65 Reactions
NT3 Deep Inelastic Heavy Ion Reactions
NT3 Fluorine 19 Reactions
NT3 Germanium 74 Reactions
NT3 Germanium 76 Reactions
NT3 Iron 56 Reactions
NT3 Iron 58 Reactions
NT3 Krypton 83 Reactions
NT3 Krypton 84 Reactions
NT3 Krypton 86 Reactions
NT3 Lanthanum 139 Reactions
NT3 Lead 208 Reactions
NT3 Lithium 6 Reactions
NT3 Lithium 7 Reactions
NT3 Magnesium 24 Reactions
NT3 Neodymium 150 Reactions
NT3 Neon 20 Reactions
NT3 Neon 22 Reactions
NT3 Nickel 58 Reactions
NT3 Nickel 60 Reactions
NT3 Nickel 64 Reactions
NT3 Niobium 93 Reactions
NT3 Nitrogen 14 Reactions
NT3 Nitrogen 15 Reactions
NT3 Oxygen 16 Reactions
NT3 Oxygen 17 Reactions
NT3 Oxygen 18 Reactions
NT3 Palladium 118 Reactions
NT3 Phosphorus 31 Reactions
NT3 Quasi-Fission
NT3 Silicon 28 Reactions
NT3 Silicon 29 Reactions
NT3 Sodium 23 Reactions
NT3 Sulfur 32 Reactions
NT3 Sulfur 33 Reactions
NT3 Sulfur 34 Reactions
NT3 Thallium 205 Reactions
NT3 Tin 120 Reactions
NT3 Titanium 48 Reactions
NT3 Titanium 50 Reactions
NT3 Uranium 235 Reactions
NT3 Uranium 238 Reactions
NT3 Xenon 129 Reactions
NT3 Xenon 132 Reactions
NT3 Xenon 136 Reactions
NT3 Zinc 68 Reactions
NT3 Zinc 70 Reactions
NT2 Helium 3 Reactions
NT2 Meson Reactions
NT3 Kaon Reactions
NT4 Kaon Minus Reactions
NT4 Kaon Neutral Reactions
NT4 Kaon Plus Reactions
NT3 Pion Reactions
NT4 Pion Minus Reactions
NT4 Pion Neutral Reactions
NT4 Pion Plus Reactions
NT2 Muon Reactions
NT2 Proton Reactions
NT2 Triton Reactions
NT1 Compound-Nucleus Reactions
NT1 Direct Reactions
NT2 Knock-On Reactions
NT2 Knock-Out Reactions
NT2 Quasi-Free Reactions
NT3 Quasi-Elastic Scattering
NT2 Transfer Reactions
NT3 Multi-Nucleon Transfer Reactions
NT4 Four-Nucleon Transfer Reactions
NT5 Alpha-Transfer Reactions
NT4 Many-Nucleon Transfer Reactions
NT4 Three-Nucleon Transfer Reactions
NT4 Two-Nucleon Transfer Reactions
NT3 One-Nucleon Transfer Reactions
NT3 Pickup Reactions
NT3 Stripping
NT1 Fission
NT2 Binary Fission
NT2 Electrofission
NT2 Fast Fission
NT2 Photofission
NT2 Quaternary Fission
NT2 Spontaneous Fission
NT2 Ternary Fission
NT2 Thermal Fission
NT1 Fusion Reactions
NT1 Hadron Reactions
NT2 Baryon Reactions
NT3 Hyperon Reactions
NT3 Nucleon Reactions
NT4 Antinucleon Reactions
NT5 Antineutron Reactions
NT5 Antiproton Reactions
NT4 Neutron Reactions
NT5 Fast Fission
NT5 Thermal Fission
NT4 Proton Reactions
NT2 Meson Reactions
NT3 Kaon Reactions
NT4 Kaon Minus Reactions
NT4 Kaon Neutral Reactions
NT4 Kaon Plus Reactions
NT3 Pion Reactions
NT4 Pion Minus Reactions
NT4 Pion Neutral Reactions
NT4 Pion Plus Reactions
NT1 Lepton Reactions
NT2 Electron Reactions
NT3 Electrofission
NT2 Muon Reactions
NT2 Neutrino Reactions
NT2 Positron Reactions
NT1 Photonuclear Reactions
NT2 Photofission
NT1 Precompound-Nucleus Emission
NT1 Secondary Reactions
NT1 Spallation
NT1 Strangeness-Exchange Reactions
NT1 Thermonuclear Reactions
RT Capture
RT Capture-to-Fission Ratio
RT Chain Reactions
RT Coherent Tube Model
RT Coupled Channel Born Approximation
RT Coupled Channel Theory
RT Cross Sections
RT Delayed Gamma Radiation
RT Detailed Balance Principle
RT Excitation Functions
RT Exciton Model
RT Feshbach-Weisskopf Model
RT Form Factors
RT G Matrix
RT Giant Resonance
RT Hauser-Feshbach Theory
RT Hot Atom Chemistry
RT Impact Parameter
RT Intermediate Resonance
RT Intermediate Structure
RT Jackson Model
RT K Matrix
RT Lane-Robson Theory
RT Lewis Peak
RT Longitudinal Momentum
RT Nuclear Reaction Kinetics
RT Nuclear Reaction Yield
RT Oppenheimer-Phillips Process
RT Polarized Products
RT Prompt Gamma Radiation
RT Proximity Scattering
RT R Matrix
RT Reaction Product Transport Systems
RT Reich-Moore Formula
RT Rescattering
RT Scattering
RT Shadow Effect
RT Skyrme Potential
RT Spectroscopic Factors
RT Strangeness Analog Resonances
RT Targets
RT Threshold Energy
RT Transverse Momentum
RT Valency Model
RT Yang Theorem

Nuclear Reactors
USE Reactors

Nuclear Rocket Reactor Experiment-Kiwi-A
USE Kiwi-A Reactor

Nuclear Rocket Reactor Experiment-Kiwi-A3
USE Kiwi-A3 Reactor

Nuclear Rocket Reactor Experiment-Kiwi-A-Prime
USE Kiwi-A-Prime Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B1A
USE Kiwi-B1A Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B2A
USE Kiwi-B2A Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B4A
USE Kiwi-B4A Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B1B
USE Kiwi-B1B Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B4D
USE Kiwi-B4D Reactor

Nuclear Rocket Reactor Experiment-Kiwi-B4E
USE Kiwi-B4E Reactor

Nuclear Safety
USE Radiation Protection

Nuclear Safety Facility-RFP Reactor
USE NSF-RFP Reactor

NUCLEAR SAFETY PILOT PLANT [01]
UF *NSPP*
BT1 Reactor Safety Experiments

Nuclear Safety Research Reactor (Japan)
DA May 1976
USE NSRR Reactor

Nuclear Science Center Reactor Texas
USE NSCR Reactor

NUCLEAR SCREENING [01]
BT1 Screening
RT Coulomb Field
RT Effective Charge

Nuclear Ship Arktika Reactor
DA March 1978
USE Arktika Reactor

Nuclear Ship Lenin Reactor
USE Lenin Reactor

Nuclear Ship Mutsu Reactor
USE Mutsu Reactor

Nuclear Ship Otto Hahn Reactor
USE Otto Hahn Reactor

Nuclear Ship Savannah Reactor
USE Savannah Reactor

NUCLEAR SHIPS [01]
BT1 Ships
NT1 Commercial Nuclear Ships
NT1 NS Arktika
NT1 NS Enrico Fermi
NT1 NS Lenin
NT1 NS Mutsu
NT1 NS Otto Hahn
NT1 NS Savannah
RT BCOLONS
RT SOLAS Convention
RT Submarines

NUCLEAR SPECIFIC HEAT [01]
DA January 1975
BT1 Specific Heat
BT2 Thermodynamic Properties
BT3 Physical Properties

Nuclear Spin Resonance
USE Nuclear Magnetic Resonance

NUCLEAR STRUCTURE [01]
RT Backbending
RT Energy Levels
RT Even-Even Nuclei
RT Even-Odd Nuclei
RT Generator-Coordinate Method
RT Hartree-Fock-Bogolyubov Theory
RT Hartree-Fock Method
RT Heavy Nuclei
RT Interacting Boson Model
RT Intermediate Mass Nuclei
RT K-Harmonics Method
RT Light Nuclei
RT Magic Nuclei
RT Nuclear Cores
RT Nuclear Models
RT Nuclear Properties
RT Nuclear Radii
RT Nuclei
RT Odd-Even Nuclei
RT Odd-Odd Nuclei
RT Quartet Model
RT Yrast States

NUCLEAR SUPERHEATING [01]
BT1 Superheating
BT2 Heating

NUCLEAR TEMPERATURE [01]
UF *Temperature (Nuclear)*
RT Energy
RT Evaporation Model
RT Nuclei

Nuclear Test Reactor General Electric Company
USE NTR Reactor

NUCLEAR THEORY [01]
NT1 Hauser-Feshbach Theory
RT Broken-Pair Approximation
RT Nuclear Physics

NUCLEAR TRADE [01]
(Trade or commerce involving special nuclear material or any other radioactive materials, instruments, equipment, plants, etc, of nuclear interest.)
DA March 1978
UF *Commerce (Nuclear)*
UF *Trade (Nuclear)*
BT1 Trade
RT Economic Development
RT Economic Policy
RT Nuclear Materials Possession
RT Transport

Nuclear Transmutation
USE Transmutation

Nuclear Weapon Tests
USE Nuclear Explosions

NUCLEAR WEAPONS [01]
UF *Atomic Bombs*
UF *Atomic Weapons*
UF *Nuclear Attacks*
UF *Thermonuclear Weapons*
BT1 Weapons
RT Castle Project
RT Civil Defense
RT Fallout
RT Hiroshima
RT Local Fallout
RT Manhattan Project
RT Nagasaki
RT National Defense
RT Nevada Test Site
RT Nuclear Explosions
RT Plumbbob Project
RT Redwing Project
RT Shelters
RT Teapot Project
RT Tumbler Project

Nuclear Weapons Proliferation
DA April 1978
USE Proliferation

Nuclease (Deoxyribonuclease)
USE DNA-ASE

Nuclease (Ribonuclease)
USE RNA-ase

NUCLEASES [01]
BT1 Phosphotransferases
BT2 Transferases
BT3 Enzymes
RT Micrococcus Luteus
RT Nucleic Acids
RT Nucleoproteins

NUCLEATE BOILING [01]
BT1 Boiling
BT2 Phase Transformations
NT1 Departure Nucleate Boiling
RT Heat Transfer
RT Nucleation

NUCLEATION [01]
RT Crystal Growth
RT Crystallization
RT Nucleate Boiling

NUCLEBRAS [01]
DA June 1977
BT1 Brazilian Organizations
BT2 National Organizations

NUCLEI [01]
NT1 Antinuclei
NT2 Antideuterons
NT2 Antiprotons
NT2 Antitritons
NT1 Cosmic Nuclei
NT1 Deformed Nuclei
***NT1** Even-Even Nuclei
***NT1** Even-Odd Nuclei
***NT1** Heavy Nuclei
NT1 Hypernuclei
***NT1** Intermediate Mass Nuclei
NT1 Isobaric Nuclei
NT1 Isomeric Nuclei
NT1 Isotonic Nuclei
***NT1** Light Nuclei
NT1 Magic Nuclei
NT1 Mirror Nuclei
***NT1** Odd-Even Nuclei
***NT1** Odd-Odd Nuclei
NT1 Oriented Nuclei
NT1 Polarized Nuclei
RT Fundamental Constants
RT Isotopes
RT Nuclear Matter
RT Nuclear Molecules
RT Nuclear Structure
RT Nuclear Temperature
RT Overhauser Effect

Nuclei (Cells)
USE Cell Nuclei

NUCLEIC ACID DENATURATION [01]
UF *Denaturation (Nucleic Acid)*
RT Decomposition
RT Heat Treatments
RT Molecular Structure
RT Nucleic Acids
RT PH Value
DEF Breaking of H-bonds between strands of NA.

NUCLEIC ACID REPLICATION [01]
NT1 DNA Replication

NUCLEIC ACIDS [01]
BT1 Organic Compounds
NT1 DNA
NT1 RNA
NT2 Messenger-RNA
NT2 Transfer RNA
NT1 Thymonucleic Acid
RT Biological Repair
RT Cell Nuclei
RT Genetics
RT Nucleases
RT Nucleic Acid Denaturation
RT Nucleoproteins
RT Nucleotides
RT Photoreactivation
RT Precursor
RT Ribosides

Nucleogenesis
USE Nucleosynthesis

NUCLEOLI [01]
BT1 Cell Constituents
RT Cell Nuclei
RT Chromosomes
RT RNA

NUCLEON-ANTINUCLEON INTERACTIONS [01]
BT1 Baryon-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Antiproton-Neutron Interactions
NT1 Neutron-Antineutron Interactions
NT1 Proton-Antineutron Interactions
NT1 Proton-Antiproton Interactions

NUCLEON BEAMS [01]
BT1 Particle Beams
BT2 Beams
NT1 Neutron Beams
NT1 Proton Beams

NUCLEON-DEUTERON INTERACTIONS
DA January 1975

BT1 Baryon-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Antineutron-Deuteron Interactions
NT1 Antiproton-Deuteron Interactions
NT1 Neutron-Deuteron Interactions
NT1 Proton-Deuteron Interactions
RT Deuterons
RT Nucleons

NUCLEON-HYPERON INTERACTIONS [01]
BT1 Baryon-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

Nucleon Isobars
USE N*Resonances

NUCLEON-NUCLEON INTERACTIONS [01]
BT1 Baryon-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Neutron-Neutron Interactions
NT1 Proton-Nucleon Interactions
NT2 Proton-Neutron Interactions
NT2 Proton-Proton Interactions
RT Reid Potential

NUCLEON-NUCLEON POTENTIAL [01]
BT1 Potentials
NT1 Gammel-Brueckner Potential
NT1 Gauss Potential
NT1 Hamada-Johnston Potential
NT1 Reid Potential
NT1 Schiffer Potential
NT1 Signell-Marshak Potential
NT1 Skyrme Potential
NT1 Surface Delta Potential
NT1 Yamaguchi Potential
RT Gartenhaus Potential
RT Interactions
RT Jastrow Theory
RT Levy-Klein Potential
RT Nuclear Models
RT Nucleons
RT Ope Potential
RT Resonating-Group Method
RT Rosenfeld Force
RT Tabakin Potential
RT Yukawa Potential

NUCLEON REACTIONS [01]
BT1 Baryon Reactions
BT2 Hadron Reactions
BT3 Nuclear Reactions
NT1 Antinucleon Reactions
NT2 Antineutron Reactions
NT2 Antiproton Reactions
NT1 Neutron Reactions
NT2 Fast Fission
NT2 Thermal Fission
NT1 Proton Reactions

NUCLEONS [01]
BT1 Baryons
BT2 Fermions
BT2 Hadrons
BT3 Elementary Particles
NT1 Neutrons
NT2 Cold Neutrons
NT3 Ultracold Neutrons
NT2 Cosmic Neutrons
NT2 Epithermal Neutrons
NT2 Fast Neutrons
NT2 Fission Neutrons
NT3 Delayed Neutrons
NT3 Prompt Neutrons
NT2 Intermediate Neutrons
NT2 Photoneutrons
NT2 Pile Neutrons
NT2 Polyneutrons
NT3 Dineutrons
NT3 Trineutrons
NT2 Resonance Neutrons
NT2 Slow Neutrons
NT2 Solar Neutrons
NT2 Tetraneutrons
NT2 Thermal Neutrons
NT1 Photonucleons
NT2 Photoneutrons
NT1 Protons
NT2 Cosmic Protons
NT2 Delayed Protons
NT2 Diprotons
NT2 Photoprotons
NT2 Prompt Protons
NT2 Solar Protons
NT2 Trapped Protons
RT Antinucleons
RT Brueckner Method
RT Charge Independence
RT Effective Range Theory
RT Hard-Core Potential
RT Levinger-Bethe Theory
RT Massey-Mohr Equation
RT Nucleon-Deuteron Interactions
RT Nucleon-Nucleon Potential
RT Ope Potential
RT Pseudovector Coupling
RT Rosenfeld Force
RT Signell-Marshak Potential
RT Stapp Theory
RT Tabakin Potential
RT Wolfenstein Parameters
RT Yamaguchi Potential
RT Yukawa Potential

NUCLEOPROTEINS [01]
BT1 Proteins
BT2 Organic Compounds
RT Nucleases
RT Nucleic Acids

NUCLEOSIDES [01]
BT1 Nucleotides
BT2 Organic Compounds
BT1 Ribosides
NT1 Adenosine
NT1 BUDR
NT1 Cytidine
NT1 Deoxycytidine
NT1 Deoxyuridine
NT1 FUDR
NT1 Guanosine
NT1 Inosine
NT1 Iododeoxyuridine
NT1 Thymidine
NT1 Uridine
RT Biological Indicators
RT Purines
RT Pyrimidines

NUCLEOSYNTHESIS [01]
UF *Nucleogenesis*
NT1 Thermonuclear Reactions
RT Carbon Burning
RT CNO Cycle
RT Cosmochemistry
RT Helium Burning
RT Origin
RT R Process
RT S Process
RT Stars

NUCLEOTIDASES [01]
BT1 Phosphatases
BT2 Esterases
BT3 Hydrolases
BT4 Enzymes

NUCLEOTIDES [01]
UF *Oligonucleotides*
BT1 Organic Compounds
NT1 Adenylic Acid
NT1 ADP
NT1 AMP
NT1 ATP
NT1 Cytidylic Acid
NT1 Cytriphos
NT1 Deoxycytidylic Acid
NT1 Guanylic Acid
NT1 NAD
NT1 NADH2
NT1 NADP
NT1 Nucleosides
NT2 Adenosine
NT2 BUDR
NT2 Cytidine
NT2 Deoxycytidine
NT2 Deoxyuridine
NT2 FUDR
NT2 Guanosine
NT2 Inosine
NT2 Iododeoxyuridine
NT2 Thymidine
NT2 Uridine
NT1 Thymidylic Acid
NT1 UDPG
NT1 Uridylic Acid
NT1 UTP
RT Codons
RT Hypoxanthine
RT Nucleic Acids
RT Organic Acids

Nuclides
USE Isotopes

NUMAK REACTORS
(University of Wisconsin Tokamak upgrade of UWMAK I, II, and III.)
DA October 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors
RT UWMAK Reactors

NUMBER CODES [01]
BT1 Computer Codes

NUMERICAL ANALYSIS
DA January 1976
BT1 Mathematics
RT Numerical Solution
DEF Study of Approximation Methods using arithmetic.

NUMERICAL DATA [01]
DA February 1979
BT1 Data
BT2 Information
NT1 Data Compilation
NT1 Evaluated Data
NT1 Experimental Data
NT1 Theoretical Data

NUMERICAL SOLUTION [01]
(For the procedure only.)
NT1 Extrapolation
NT1 Finite Difference Method
NT1 Finite Element Method
NT1 Interpolation
NT1 Maximum-Likelihood Fit
NT2 Least Square Fit
NT1 Runge-Kutta Method
RT Analytical Solution
RT Asymptotic Solutions
RT Calculation Methods
RT Galerkin-Petrov Method
RT Iterative Methods
RT Mathematics
RT Newton Method
RT Numerical Analysis

NUSSELT NUMBER [01]
RT Heat Transfer
RT Prandtl Number

NUTRIENTS [01]
RT Culture Media
RT Diet
RT Eutrophication
RT Feeding
RT Fertilizers
RT Food
RT Nutrition

NUTRITION [01]
RT Animal Breeding
RT Animal Feeds
RT Diet
RT Food
RT Mass Rearing

RT Nutrients
RT Nutritional Deficiency
RT Rearing

NUTRITIONAL DEFICIENCY [01]
UF *Deficiency (Nutritional)*
UF *Malnutrition*
RT Diet
RT Nutrition

Nuts
USE Fasteners

Nuts (Seeds)
DA July 1979
USE Seeds

NX-188
DA December 1978
USE Alloy-NX-188

NYLON [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyamides
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

Nymphs
USE Larvae

NYQUIST DIAGRAMS [01]
BT1 Diagrams
RT Feedback
RT Oscillations
RT Reactor Stability

O CODES [01]
BT1 Computer Codes

O GROUPS [01]
BT1 Dynamical Groups
BT2 Symmetry Groups
BT1 Lie Groups
BT2 Symmetry Groups

OAK RIDGE
DA June 1977
BT1 Tennessee
BT2 Southeast Region
BT2 USA
BT3 North America
RT ORGDP
RT ORNL
RT Y-12 Plant

Oak Ridge Associated Universities
USE ORAU

Oak Ridge Critical Experiments Facility
USE OR-CEF Reactor

Oak Ridge Gaseous Diffusion Plant
DA February 1975
USE ORGDP

Oak Ridge National Laboratory
USE ORNL

Oak Ridge Research Reactor
USE ORR Reactor

OAKS [01]
UF *Quercus*
BT1 Trees
BT2 Plants

OAPEC
DA August 1976
BT1 International Organizations
BT1 Oil-Exporting Countries
RT Middle East
RT OPEC
RT Petroleum
DEF Organization of Arab Petroleum Exporting Countries.

OAS
DA March 1978
UF *Organization of American States*
BT1 International Organizations
RT Central America
RT Mexico
RT South America
RT USA

OATS [01]
UF *Avena*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

OBE MODEL [01]
UF *One-Boson-Exchange Model*
BT1 Boson-Exchange Models
BT2 Peripheral Models
BT3 Particle Models
BT4 Mathematical Models
NT1 Ope Model
NT2 Electric Born Model

Obesity
USE Metabolic Diseases

OBRIGHEIM REACTOR [01]
UF *Kernkraftwerk Obrigheim*
UF *KWO Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Obsidianites
USE Tektites

Obstetrics
USE Gynecology

OCCIDENTAL FLASH PYROLYSIS PROCESS
(Before July 1976 information was indexed to Garrett pyrolysis process.)
DA August 1976
UF *Garrett Pyrolysis Process*
UF *ORC Flash Pyrolysis Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Oil Shales
RT Pyrolysis
RT Waste Processing Plants
DEF The ORC process consists of rapidly pyrolyzing particles at a temperature of less than 1400°F in an entrained stream of hot char and a gas substantially free of oxidizing constituents. Char, liquid and gas are products, with a portion of the char being heated and returned to the pyrolysis reactor.

Occlusion Complexes
USE Clathrates

Occultation
USE Eclipse

OCCUPANTS
DA April 1978
UF *Passengers*
RT Automobiles
RT Buildings
RT Human Populations

OCCUPATION NUMBER [01]
RT Pauli Principle
RT Quantum Mechanics
RT Statistical Mechanics

OCCUPATIONAL DISEASES [01]
BT1 Diseases
RT Industrial Medicine
RT Occupational Safety
RT Occupational Safety and Health Act
RT Occupations
RT Work

OCCUPATIONAL SAFETY
DA July 1978
BT1 Safety
RT Health Hazards
RT Industrial Medicine
RT Occupational Diseases
RT Occupations
RT Personnel
RT Working Conditions

OCCUPATIONAL SAFETY AND HEALTH ACT
DA November 1978
BT1 Laws
RT Health Hazards
RT Occupational Diseases
RT Safety
RT Working Conditions

Occupational Safety and Health Administration
DA June 1978
USE US OSHA

OCCUPATIONS [01]
UF *Professions*
UF+ *Caste (Insects)*
RT Craftsmen
RT Employment
RT ICRP Critical Group
RT Labor
RT Manpower
RT Occupational Diseases
RT Occupational Safety
RT Personnel
RT Personnel Dosimetry
RT Professional Personnel
RT Sociology
RT Work

Ocean Currents
DA April 1977
USE Water Currents

OCEAN THERMAL ENERGY CONVERSION
DA April 1977
BT1 Solar Energy Conversion
BT2 Energy Conversion
BT3 Conversion
RT Ocean Thermal Power Plants

OCEAN THERMAL POWER PLANTS
DA April 1977
UF *Solar Sea Power Plants*
BT1 Solar Power Plants
BT2 Power Plants
RT Ocean Thermal Energy Conversion

OCEANIA
DA December 1978
UF *Pacific Islands*
NT1 Micronesia
NT2 Marshall Islands
NT3 Bikini
NT3 Eniwetok
DEF Collective namd for lands of the Central and S. Pacific Ocean, incl. Melanesia, Micronesia and Polynesia; and sometimes incl. Australia, New Zealand, and Malay Archipelago.

OCEANIC CRUST
DA September 1977

BT1 Earth Crust
RT Continental Crust
RT Earth Planet

OCEANOGRAPHY [01]
RT Buoys
RT Earth Planet
RT Geography
RT Limnology
RT Seas

Oceans
USE Seas

OCF REACTOR [01]
UF *Ozenji Critical Facility*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

OCONEE-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OCONEE-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OCONEE-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OCTADECANOIC ACID [01]
UF *Stearic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Stearates

Octadecyl Glyceryl Ether-alpha
USE Batyl Alcohol

OCTANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

Octane Number
DA January 1975
USE Antiknock Ratings

OCTANOIC ACID [01]
UF *Caprylic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

OCTANOLS [01]
UF *Octyl Alcohols*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

OCTENES
DA April 1975
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

OCTET MODEL [01]
UF *Eightfold Way*
BT1 Particle Models
BT2 Mathematical Models
RT Baryon Octets

OCTUPOLAR CONFIGURATIONS [01]
BT1 Multipolar Configurations
BT2 Closed Configurations
BT3 Magnetic Field Configurations

Octupole Radiation
USE Multipole Radiation

OCTUPOLES [01]
BT1 Multipoles

Octyl Alcohols
USE Octanols

OCTYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

***ODD-EVEN NUCLEI [01]**
(Odd protons even neutrons; for specific terms, consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

***ODD-ODD NUCLEI [01]**
(Odd protons odd neutrons; for specific terms, consult the APPENDIX.)
BT1 Nuclei
RT Nuclear Structure

Odocoileus
USE Deer

ODOR [01]
BT1 Organoleptic Properties
RT Chemoreceptors
RT Odorization

ODORIZATION
DA March 1977
UF *Gas Odorization*
BT1 Processing
RT Odor

OECD [01]
UF *Organization Economic Co-operation and Development*
BT1 International Organizations
NT1 NEA
NT2 ENEA
RT International Energy Agency

OECD MCMSDRW [01]
(Multilateral Consultation and Surveillance Mechanism for Sea Dumping of Radioactive Waste, set up by the OECD Council on 22 July 1977.)
DA October 1978
BT1 International Regulations
BT2 Regulations
RT Contamination
RT Marine Disposal

OER
USE Oxygen Enhancement Ratio

OFF-GAS SYSTEMS [01]
RT Air Cleaning Systems
RT Gaseous Wastes
RT Pollution Control Equipment

OFF-PEAK ENERGY STORAGE
DA January 1975
BT1 Energy Storage
BT2 Storage
RT Electric Batteries
RT Fuel Cells
RT Load Management
RT Peaking Power Plants
RT Pumped Storage
RT Redox Fuel Cells

OFF-PEAK POWER
DA June 1977
BT1 Electric Power
BT2 Power
RT Electricity
RT Nuclear Power
RT Peak-Load Pricing
RT Power Demand
RT Power Plants
RT Public Utilities

OFFICE BUILDINGS
DA January 1975
BT1 Buildings
RT Commercial Buildings
RT Federal Buildings
RT Public Buildings

OFFSHORE DRILLING
DA February 1975
BT1 Drilling
RT Marine Risers
RT MWD Systems
RT Offshore Operations
RT Offshore Platforms
RT Offshore Sites

OFFSHORE NUCLEAR POWER PLANTS [01]
UF *Floating Nuclear Power Plants*
UF *Platform Mounted Nuclear Plant*
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants
NT1 Atlantic-2 Reactor
RT Atlantic-1 Reactor
RT Estuaries
RT Offshore Sites
RT Reactor Sites
RT Seas
RT Shores
RT Site Selection

OFFSHORE OPERATIONS
DA March 1976
RT Buoys
RT Diving Operations
RT Offshore Drilling
RT Skimmers
RT Underwater Facilities
RT Underwater Operations

OFFSHORE PLATFORMS
(includes gravity or fixed, floating, and towed platforms.)
DA August 1975
UF *Drilling Platforms*
UF+ *Drill Ships*
RT Marine Risers
RT Offshore Drilling
RT Offshore Sites
RT Positioning

OFFSHORE SITES [01]
RT Coastal Waters
RT Estuaries
RT Offshore Drilling
RT Offshore Nuclear Power Plants
RT Offshore Platforms
RT Reactor Sites
RT Seas
RT Shores
RT Site Selection

Offshore Surveys
DA November 1976
USE Marine Surveys

Offsprings
USE Progeny

OGO SATELLITES [01]
BT1 Satellites

RT Space Flight

OGRA [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

OHIO [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
NT1 Cleveland
RT Battelle Columbus Laboratory
RT Chattanooga Formation
RT Feed Materials Production Center
RT Ohio River
RT Scioto River

OHIO RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Illinois
RT Indiana
RT Kentucky
RT Ohio
RT Ohio Valley Region
RT Pennsylvania
RT West Virginia

Ohio State University Reactor
USE OSUR Reactor

OHIO VALLEY REGION
DA February 1978
RT Ohio River

OHM LAW [01]
RT Electric Conductivity

Ohmic Plasma Heating
USE Joule Heating

Ohmic Plasma Losses
USE Energy Losses

Ohmic Resistance
USE Electric Conductivity

OI-1 REACTOR [01]
UF *KEPCO Oshima Oi-1 Reactor*
UF *Oshima Oi-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OI-2 REACTOR [01]
UF *KEPCO Oshima Oi-2 Reactor*
UF *Oshima Oi-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OIL BURNERS
DA May 1979
BT1 Burners
RT Combustion
RT Oil Furnaces

OIL-EXPORTING COUNTRIES
(For broad, general use only; if specific countries are discussed use the specific country descriptor.)
DA August 1979
NT1 OAPEC
NT1 OPEC
RT Developed Countries
RT Developing Countries
DEF Countries (industrial or developing) who export some of the oil they produce.

OIL FIELDS
DA March 1976
BT1 Petroleum Deposits
BT2 Geologic Deposits
BT2 Resources
RT Associated Gas
RT Gas Condensate Fields
RT Oil Wells
RT Reservoir Fluids
RT Reservoir Rock
RT Well Spacing
DEF Surface boundary of an area from which petroleum is obtained; may correspond to an oil pool or may be circumscribed by political or legal limits.

OIL-FILLED CABLES
DA March 1976
BT1 Electric Cables
BT2 Cables
BT2 Conductor Devices
BT3 Electrical Equipment
BT4 Equipment
RT Power Transmission
RT Power Transmission Lines

OIL FURNACES
DA June 1977
BT1 Furnaces
RT Oil Burners
RT Space Heating

OIL-IMPORTING COUNTRIES
(For broad, general use only; if specific countries are discussed, use the specific country descriptor.)
DA April 1977
RT Developing Countries
DEF Countries (industrial or developing) that import some of their oil supplies.

OIL PALMS [01]
DA October 1975
BT1 Trees
BT2 Plants
RT Oils

OIL POLLUTION CONTAINMENT
DA January 1978
BT1 Containment
RT Oil Retention Booms
RT Oil Spills
RT Water Pollution Control

Oil Residues
DA October 1977
USE Petroleum Residues

OIL RETENTION BOOMS
DA January 1978
BT1 Pollution Control Equipment
BT2 Equipment
RT Oil Pollution Containment

OIL SAND DEPOSITS
DA June 1975
BT1 Geologic Deposits
NT1 Asphalt Ridge Deposit
NT1 Athabasca Deposit
NT1 Cold Lake Deposit
NT1 Peace River Deposit
NT1 PR Springs Deposit
NT1 Sunnyside Deposit
NT1 Tar Sand Triangle Deposit
NT1 Wabasca Deposit
RT Oil Sands
RT Reserves

OIL SAND INDUSTRY
DA May 1975
BT1 Industry
RT Mineral Industry
RT Oil Sands

Oil Sand Oils
DA January 1975
USE Bitumens

OIL SAND PROCESSING PLANTS
DA June 1975
BT1 Industrial Plants
RT Oil Sands

OIL SAND TAILINGS
DA June 1975
UF *Tar Sand Tailings*
BT1 Solid Wastes
BT2 Wastes

OIL SANDS [01]
DA February 1975
UF *Tar Sands*
BT1 Bituminous Materials
BT2 Carbonaceous Materials
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
RT Asphalt Ridge Deposit
RT Athabasca Deposit
RT Cold Lake Deposit
RT Cold-Water Processes
RT Fluid Injection Processes
RT H-Oil Process
RT Hot-Water Processes
RT Oil Sand Deposits
RT Oil Sand Industry
RT Oil Sand Processing Plants
RT Oil Shales
RT Peace River Deposit
RT PR Springs Deposit
RT SOLFRAC Process
RT Steam Soak Processes
RT Sunnyside Deposit
RT Tar Sand Triangle Deposit
RT Wabasca Deposit

OIL SATURATION
DA July 1976
BT1 Saturation
RT Gas Saturation
RT Reservoir Rock
RT Water Saturation
DEF Degree of filling of reservoir pore structure by reservoir oil.

OIL SHALE DEPOSITS
DA June 1975
BT1 Geologic Deposits
BT1 Resources
RT Geophysical Surveys
RT Oil Shales
RT Reserves
RT Rock Springs Sites

OIL SHALE FINES
DA November 1976
RT Oil Shales

OIL SHALE INDUSTRY
DA February 1975
BT1 Industry
RT Mineral Industry
RT Oil Shales
RT Shale Oil

OIL SHALE MINING
DA November 1976
BT1 Mining
RT Surface Mining
RT Underground Mining

OIL SHALE PROCESSING PLANTS
DA April 1975
NT1 Anvil Points Research Facility
NT1 Glen Davis Facility
RT Gas Generators
RT Oil Shales

Oil Shale Waste Water
DA March 1976
USE Oil Shales
AND Waste Water

OIL SHALES [01]
UF+ *Oil Shale Waste Water*
BT1 Bituminous Materials
BT2 Carbonaceous Materials
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
NT1 Black Shales

NT1 3-Methylcholanthrene
RT Anvil Points Research Facility
RT Ferrobacillus Ferrooxidans
RT Fischer Assay
RT Fluidized Bed Refuse Gasification
RT Fushun Process
RT Galoter Process
RT Gas Combustion Process
RT Gas-Flow Processes
RT Gasbuggy Event
RT Green River Formation
RT H-Oil Process
RT Holzheimer Process
RT Hot-Water Processes
RT Hydrotorting Process
RT Ichthammol
RT In-Situ Retorting
RT Kerogen
RT Kiviter Process
RT Ljungstrom Process
RT Lloydminster Deposit
RT Lurgi-Ruhrgas Process
RT Mahogany Zone
RT NTU Process
RT Occidental Flash Pyrolysis Process
RT Oil Sands
RT Oil Shale Deposits
RT Oil Shale Fines
RT Oil Shale Industry
RT Oil Shale Processing Plants
RT Oxy Modified In-Situ Process
RT Paraho Process
RT Petrosix Process
RT Pumpherston Retort
RT Rio Blanco Oil Shale Project
RT RISE
RT Rulison Event
RT Shale Gas
RT Shale Oil
RT Shale Oil Fractions
RT SOLFRAC Process
RT Spent Shales
RT Superior Process
RT Tosco Process
RT Union Oil Process
RT Wasatch Formation
RT White River Shale Project

Oil Spill Fingerprinting
DA August 1978
USE Oil Spills
AND Pattern Recognition

OIL SPILLS
DA January 1975
UF+ *Fingerprinting (Oil Spills)*
UF+ *Oil Spill Fingerprinting*
RT Oil Pollution Containment
RT Pattern Recognition
RT Petroleum
RT Pollution
RT Rotating Disk Removal Systems
RT Skimmers
RT Sorbent Recovery Systems
RT Weir Oil Recovery Systems

OIL WELLS
DA September 1975
BT1 Wells
RT Abandoned Wells
RT Artificial Lifts
RT Blowout Preventers
RT Blowouts
RT Carbon Dioxide Injection
RT Drill Stem Testing
RT Dry Holes
RT Exploratory Wells
RT Gas Lifts
RT Interstitial Water
RT Oil Fields
RT Packings
RT Petroleum
RT Plugging
RT Propping Agents
RT Reentry
RT Water Influx
RT Well Completion
RT Well Pressure
RT Wellhead Prices
RT Wellheads

OIL YIELDS
DA April 1975
BT1 Yields
RT Petroleum

OILS [01]
BT1 Other Organic Compounds
BT2 Organic Compounds
NT1 Castor Oil
NT1 Coal Tar Oils
NT2 Naphtha
NT1 Corn Oil
NT1 Croton Oil
NT1 Essential Oils
NT1 Fish Oil
NT1 Fuel Oils
NT2 Heating Oils
NT2 Residual Fuels
NT1 Linseed Oil
NT1 Lipiodol
NT1 Mineral Oils
NT2 Shale Oil
NT3 Shale Oil Fractions
NT1 Olive Oil
NT1 Peanut Oil
NT1 Pyrolytic Oils
NT1 Sesame Oil
NT1 Shale Tar Oils
NT1 Soybean Oil
NT1 Triolein
NT1 Waste Oils
RT Bromine Number
RT Coolants
RT Distillates
RT Greases
RT Hydrocarbons
RT Oil Palms
RT Petroleum Products
RT Terpenes
RT Triglycerides

OINTMENTS [01]
BT1 Drugs
RT Skin

OKG-1 REACTOR [01]
UF *Oskarshamn-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

OKG-2 REACTOR [01]
UF *Oskarshamn-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

OKG-3 REACTOR [01]
UF *Oskarshamn-3 Reactor*
BT1 Power Reactors
BT2 Reactors

OKG-4 REACTOR [01]
UF *Oskarshamn-4 Reactor*
BT1 Power Reactors
BT2 Reactors

OKLAHOMA [01]
BT1 Southwest Region
BT1 USA
BT2 North America
RT Chattanooga Formation
RT Ozark Region
RT Sequoyah UF6 Production Plant

OKLO PHENOMENON [01]
DA March 1976
BT1 Natural Nuclear Reactors
RT Gabon
RT Spontaneous Fission
RT Uranium Deposits

OKTEMBERYAN-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OKTEMBERYAN-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OKUBO MASS FORMULA [01]
BT1 Mass Formulae
RT Particle Multiplets

OLD FAITHFUL GEYSER
DA January 1975
BT1 Geysers
RT Yellowstone National Park

OLDBURY-A REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

OLDBURY-B REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Olefins
USE Alkenes

OLEIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Triolein

Olein
USE Triolein

OLEORESINS
DA May 1979
RT Aromatics
RT Biomass
DEF A plant product containing chiefly essential oil and resin; obtained from pine trees.

OLFACTORY BULBS [01]
BT1 Brain
BT2 Central Nervous System
BT3 Nervous System
BT2 Organs
BT3 Body
RT Sense Organs

Oligocene Epoch
DA October 1977
USE Tertiary Period

Oligonucleotides
USE Nucleotides

OLIGOPHENYLENES [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

OLIGOSACCHARIDES [01]
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Disaccharides
NT2 Cellobiose
NT2 Lactose
NT2 Maltose
NT2 Melibiose
NT2 Saccharose
NT1 Raffinose

OLIVE OIL [01]
UF *Florence Oil*
UF *Luccu Oil*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
RT Olives

OLIVE TREES [01]
DA January 1976
BT1 Trees
BT2 Plants

OLIVES [01]
BT1 Fruits
BT2 Food
RT Dacus Oleae
RT Olive Oil

OLIVINE [01]
RT Dielectric Track Detectors
RT Peridotites

OLIVINES
DA April 1975
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Magnesium Silicates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

OLKILUOTO REACTOR
(Used for TVO-1 Reactor prior to 1976.)
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

Omaha Veterans TRIGA-Mk-1
USE TRIGA-Veterans Reactor

OMAN
DA October 1976
BT1 Asia
BT1 Middle East

OMEGA FACILITY
DA May 1979
RT Laser Fusion Reactors
RT Neodymium Lasers
DEF Large Nd laser facility at Univ. of Rochester to be used for laser fusion.

OMEGA MINUS
BT1 Omega Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

OMEGA PARTICLE BEAMS [01]
BT1 Hyperon Beams
BT2 Particle Beams
BT3 Beams

OMEGA PARTICLES [01]
BT1 Hyperons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
NT1 Omega Minus
RT Antiomega Particles

OMEGA-784 RESONANCES [01]
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

OMEGA-1675 RESONANCES [01]
DA March 1977
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Pseudoscalar Mesons
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles

OMEGA-1778 RESONANCES [01]
DA November 1977
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

Omega West Reactor
USE OWR Reactor

Omentum
USE Mesentery

OMNES-MUSKHELISHVILI METHOD [01]
RT Partial Waves

OMNITRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

OMR TYPE REACTORS [01]
UF *Organic Cooled and Moderated Reactor*
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
NT1 ARBUS Reactor
NT1 OMRE Reactor
NT1 PNPF Reactor
RT Power Reactors

OMRE REACTOR [01]
UF *Organic Moderated Reactor Experiment*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 OMR Type Reactors
BT2 Organic Cooled Reactors
BT3 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors

On-Line Computers
USE Computers
AND On-Line Systems

ON-LINE CONTROL SYSTEMS [01]
BT1 Control Systems
BT1 On-Line Systems
RT CAMAC System
RT Nuclear Instrument Modules
RT Process Computers
RT Reactor Control Systems
RT Real Time Systems
RT Remote Multiplexing Systems

ON-LINE MEASUREMENT SYSTEMS [01]
BT1 On-Line Systems
RT Digitizers
RT Measuring Instruments

ON-LINE SYSTEMS [01]
UF+ *On-Line Computers*
NT1 On-Line Control Systems
NT1 On-Line Measurement Systems
RT Real Time Systems

ONAGAWA-1 REACTOR [01]
UF *Tohoku-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

ONCE-THROUGH COOLING SYSTEMS
DA June 1975
BT1 Cooling Systems
RT Cooling

ONCOGENIC TRANSFORMATIONS
DA July 1979
RT Carcinogenesis
RT Carcinogens
DEF The chemical alterations induced in a cell by exposure to carcinogens and leading ultimately to the development of a neoplastic condition.

ONCOGENIC VIRUSES [01]
DA August 1975
UF *Epstein-Barr Virus*
UF *Rous Sarcoma Virus*
UF *Tumor Viruses*
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
NT1 Adenovirus
NT1 Leukemia Viruses
NT1 Polyoma Virus

ONCOVIN [01]
DA August 1976
BT1 Alkaloids

BT2 Organic Compounds
BT1 Antimitotic Drugs
BT2 Drugs

ONDULATOR RADIATION [01]
BT1 Bremsstrahlung
BT2 Electromagnetic Radiation
BT3 Radiations

One-Boson-Exchange Model
USE Obe Model

ONE-DIMENSIONAL CALCULATIONS [01]
UF *Calculations (1-Dimensional)*
UF *1-Dimensional Calculations*
RT Adjoint Difference Method
RT Mathematics

ONE-GROUP THEORY [01]
BT1 Neutron Transport Theory
BT2 Transport Theory

ONE-NUCLEON TRANSFER REACTIONS [01]
BT1 Transfer Reactions
BT2 Direct Reactions
BT3 Nuclear Reactions

ONIKOBE GEOTHERMAL FIELD
DA November 1975
BT1 Geothermal Fields
RT Japan

ONIONS [01]
BT1 Vegetables
BT2 Food
RT Allium Cepa
RT Bulbs
RT Hylemya Antiqua
RT Sprout Inhibition

Onsager Principle
USE Onsager Relations

ONSAGER RELATIONS [01]
UF *Onsager Principle*
UF *Onsager Symmetry Relations*
RT Irreversible Processes
RT Thermodynamics

Onsager Symmetry Relations
USE Onsager Relations

ONSLOW BAY
DA June 1977
BT1 Bays
RT Atlantic Ocean
RT North Carolina

ONTARIO [01]
BT1 Canada
BT2 North America
NT1 Chalk River
NT1 Deep River
RT Ottawa River
RT St Lawrence River

Ontario General Electric Prototype Fast Reactor
USE GEPFR Reactor

Ontario PHWR Pickering-1 Reactor
USE Pickering-1 Reactor

Ontario PHWR Pickering-2 Reactor
USE Pickering-2 Reactor

Ontario PHWR Pickering-3 Reactor
USE Pickering-3 Reactor

Ontario PHWR Pickering-4 Reactor
USE Pickering-4 Reactor

ONTOGENESIS [01]
UF *Embryonic Development*
RT Cell Differentiation
RT Embryos
RT Fetuses
RT Genotype
RT Metamorphosis
RT Phenotype
RT Zygotes

ONUMA GEOTHERMAL FIELD
DA May 1975
BT1 Geothermal Fields
RT Hachimantai
RT Japan

OOCYTES [01]
BT1 Germ Cells

OOGENESIS [01]
BT1 Gametogenesis
RT Oogonia
RT Ova
RT Ovaries
RT Reproduction

OOGONIA [01]
DA December 1975
BT1 Germ Cells
RT Oogenesis

OPACITY [01]
UF *Absorptivity (Optical)*
UF *Optical Density*
UF *Transparency*
BT1 Optical Properties
BT2 Physical Properties
RT Attenuation
RT Schlieren Method
RT Transmission
RT Visibility
RT Visible Radiation

OPE MODEL [01]
UF *Pion-Exchange Model*
BT1 Obe Model
BT2 Boson-Exchange Models
BT3 Peripheral Models
BT4 Particle Models
BT5 Mathematical Models
NT1 Electric Born Model
RT Ope Potential

OPE POTENTIAL [01]
BT1 Potentials
NT1 Gammel-Thaler Potential
RT Nucleon-Nucleon Potential
RT Nucleons
RT Ope Model

OPEC (Organization of Petroleum Exporting Countries)
DA August 1975
BT1 International Organizations
BT1 Oil-Exporting Countries
RT Algeria
RT Cartels
RT Ecuador
RT Gabon
RT Indonesia
RT Iran
RT Iraq
RT Kuwait
RT Libya
RT Middle East
RT Nigeria
RT OAPEC
RT Petroleum
RT Qatar
RT Saudi Arabia
RT United Arab Emirates
RT Venezuela

OPEN CONFIGURATIONS [01]
UF *Magnetic Traps (Open)*
BT1 Magnetic Field Configurations
NT1 Baseball Seam Configurations
NT1 Cusped Geometries
NT1 Magnetic Mirror Configurations
NT2 TLM Configurations
NT1 Minimum-B Configurations
RT Open Plasma Devices

OPEN-CYCLE COOLING SYSTEMS [01]
DA February 1975
UF+ *Wet-Type Cooling Towers*
BT1 Cooling Systems
RT Coolant Loops
RT Cooling Towers
RT Open-Cycle Systems

OPEN-CYCLE MHD GENERATORS [01]
BT1 MHD Generators
BT2 Direct Energy Converters
RT Closed-Cycle MHD Generators

OPEN-CYCLE SYSTEMS
DA December 1975
RT Open-Cycle Cooling Systems

Open-Flow Collectors
DA September 1978
USE Trickle-Type Collectors

OPEN-LOOP CONTROL [01]
DA November 1976
BT1 Control

OPEN PLASMA DEVICES [01]
BT1 Thermonuclear Devices
NT1 Baseball Devices
NT1 Linear Pinch Devices
NT2 Linear Hard Core Pinch Devices
NT2 Linear Screw Pinch Devices
NT2 Linear Theta Pinch Devices
NT3 BSG Devices
NT3 Chalice Devices
NT3 Isar Devices
NT3 Pharos Devices
NT3 Piace Devices
NT3 Scylla Devices
NT2 Linear Z Pinch Devices
NT2 Megatron
NT1 Magnetic Mirrors
NT2 ALICE
NT2 ASPA Device
NT2 Beta II Devices
NT2 BSG Devices
NT2 Burnout Devices
NT2 CIRCE Devices
NT3 CIRCE-25Kw Device
NT2 DCX Devices
NT2 DECA Devices
NT2 Elmax Devices
NT2 Elmo Devices
NT3 Elmo Bumpy Torus
NT2 IMP Device
NT2 Interem Device
NT2 IXION
NT2 MFTF Devices
NT2 MFX Device
NT2 MTSE Devices
NT2 OGRA
NT2 Phoenix Devices
NT2 Pleiade Device
NT2 PR Devices
NT3 PR-6 Device
NT3 PR-7 Device
NT3 PR-8 Device
NT2 TMX Devices
NT2 VGL Devices
NT2 2X Devices
NT1 Plasma Focus Devices
NT1 Q Devices
NT2 Helios Devices
NT2 QP Devices
RT Open Configurations

OPENINGS [01]
NT1 Apertures
NT1 Orifices
NT1 Stomata
NT1 Windows
NT2 Storm Windows
RT Boreholes
RT Caves
RT Cavities
RT Craters
RT Doors
RT Ducts
RT Vents

OPERATING COST
DA February 1979
BT1 Cost

RT Economic Analysis

OPERATING LICENSES [01]
DA March 1978
BT1 Licenses

OPERATION [01]
NT1 Reactor Operation
RT Maintenance
RT Start-Up

Operation (Reactor)
USE Reactor Operation

OPERATIONAL AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

Operators (Mathematical)
USE Mathematical Operators

Operators(Quantum Field Theory)
USE Quantum Operators

Operators(Quantum Mechanical)
USE Quantum Operators

OPHTHALMOLOGY [01]
BT1 Medicine
RT Eyes
RT Sense Organs Diseases

OPIUM
DA March 1979
BT1 Drugs
RT Morphine

Opossum
USE Marsupials

OPPENHEIMER-PHILLIPS PROCESS [01]
RT Direct Reactions
RT Nuclear Reactions
RT Stripping

OPTICAL ACTIVITY [01]
DA February 1976
RT Optical Properties
RT Stereochemistry
DEF Ability to rotate the plane of vibration of polarized light to the right or left.

Optical Antipodes
DA February 1976
USE Enantiomorphs

Optical Density
USE Opacity

OPTICAL DEPTH CURVE [01]
DA August 1976
BT1 Diagrams
NT1 Spectroscopic Curve of Growth
RT Absorption Spectra
RT Cosmic Gases
RT Line Broadening
RT Optical Properties
RT Oscillator Strengths

OPTICAL DISPERSION [01]
RT Diffraction
RT Optical Properties
RT Optics
RT Refraction

OPTICAL EQUIPMENT
DA April 1975
BT1 Equipment
NT1 Optical Scanners
RT Antireflection Coatings
RT Ellipsometers
RT Fiber Optics
RT Parametric Oscillators

OPTICAL FILTERS [01]
BT1 Filters

OPTICAL MICROSCOPES [01]
BT1 Microscopes

OPTICAL MICROSCOPY [01]
BT1 Microscopy

OPTICAL MODELS [01]
UF *Feshbach-Porter-Weisskopf Model*
UF *Models (Optical)*
RT Atomic Models
RT Bjorklund-Fernbach Model
RT Cloudy Crystal Ball Model
RT FSC Approximation
RT Nuclear Models
RT Nuclear Potential
RT Particle Models
RT Perey-Buck Model
RT Woods-Saxon Potential

OPTICAL MODES [01]
UF *Modes (Optical)*
BT1 Oscillation Modes
RT Optics

OPTICAL PROPERTIES [01]
BT1 Physical Properties
NT1 Absorptivity
NT1 Brightness
NT1 Color
NT1 Emissivity
NT1 Luminosity
NT1 Opacity
NT1 Reflectivity
NT1 Refractivity
NT1 Spectral Reflectance
RT Birefringence
RT Dichroism
RT Diffraction
RT Electro-Optical Effects
RT Fiber Optics
RT Geometrical Aberrations
RT Light Scattering
RT Light Transmission
RT Magneto-Optical Effects
RT Optical Activity
RT Optical Depth Curve
RT Optical Dispersion
RT Optical Systems
RT Refraction
RT Spectroscopic Curve of Growth
RT Visibility

OPTICAL PUMPING [01]
RT Double Resonance Methods
RT Excitation
RT Lasers
RT Nuclear Pumping
RT Stimulated Emission

OPTICAL PYROMETERS [01]
BT1 Pyrometers
BT2 Measuring Instruments
RT Temperature Measurement

OPTICAL RADAR
DA January 1979
UF *Lidar*
BT1 Radar
BT2 Range Finders
BT3 Measuring Instruments
RT Optical Systems
RT Remote Sensing

OPTICAL REFLECTION
DA January 1975
BT1 Reflection
RT Optics

OPTICAL SCANNERS
DA April 1977
UF *Scanners (optical)*
BT1 Electronic Equipment
BT1 Optical Equipment
BT2 Equipment
RT Data Processing
RT Digitizers
DEF A light source and phototube combined as a single unit for scanning moving strips of paper or other materials in photoelectric side-register control systems.

OPTICAL SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

OPTICAL SYSTEMS [01]
NT1 Periscopes
RT Lenses
RT Mirrors
RT Optical Properties
RT Optical Radar
RT Optics
RT Remote Viewing Equipment
RT Solar Reflectors
RT Telescopes

OPTICAL THEOREM [01]
RT Small Angle Scattering

OPTICALLY THICK PLASMA [01]
BT1 Plasma

OPTICALLY THIN PLASMA [01]
BT1 Plasma

OPTICS [01]
DA April 1976
RT Beam Optics
RT Optical Dispersion
RT Optical Modes
RT Optical Reflection
RT Optical Systems
RT Quantum Electronics
RT Visible Radiation

OPTIMAL CONTROL [01]
DA November 1976
BT1 Control

OPTIMIZATION [01]
RT Control
RT Control Systems
RT Control Theory
RT Econometrics
RT Planning
RT Variational Methods

Optoacoustic Cells
DA May 1978
USE Photoacoustic Spectrometers

OR-CEF REACTOR [01]
UF *CEF-OR Reactor*
UF *Critical Experiments Facility Oak Ridge*
UF *Oak Ridge Critical Experiments Facility*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ORAL ADMINISTRATION [01]
UF *Gastric Administration*
RT Ingestion
RT Intestinal Absorption
RT Radionuclide Administration

ORAL CAVITY [01]
UF *Lips*
UF *Mouth*
BT1 Digestive System
NT1 Teeth
NT1 Tongue
RT Head
RT Ingestion
RT Pharynx
RT Salivary Glands

ORANGE EVENT [01]
DA March 1976
BT1 Atmospheric Explosions
BT2 Explosions
BT1 Nuclear Explosions
BT2 Explosions

Orange-Type Spectrometers
USE Flat Magnetic Spectrometers

ORANGES [01]
BT1 Fruits
BT2 Food
RT Citrus

ORAU [01]
UF *Oak Ridge Associated Universities*

BT1 US Organizations
BT2 National Organizations

ORBIT STABILITY [01]
BT1 Stability
RT Beam Dynamics

ORBITAL ANGULAR MOMENTUM [01]
BT1 Angular Momentum
RT Fractional-Parentage Coefficients
RT J-J Coupling
RT L-S Coupling
RT Spin

ORBITAL MOMENTUM OPERATORS [01]
BT1 Angular Momentum Operators
BT2 Quantum Operators
BT3 Mathematical Operators

ORBITAL SOLAR POWER PLANTS
DA January 1975
UF *Satellite Power System*
UF *Satellite Solar Power Stations*
BT1 Solar Power Plants
BT2 Power Plants
RT Satellites

ORBITING SOLAR OBSERVATORIES [01]
BT1 Satellites
RT Space Flight
RT Sun

ORBITS [01]
(For electron orbits in atoms use ELECTRONIC STRUCTURE.)
RT Beam Dynamics
RT Precession
RT Trajectories

ORC Flash Pyrolysis Process
DA June 1977
USE Occidental Flash Pyrolysis Process

ORDER-DISORDER MODEL [01]
DA November 1977
BT1 Nuclear Models
BT2 Mathematical Models
RT Fission

ORDER-DISORDER TRANSFORMATIONS [01]
BT1 Phase Transformations
RT Crystal-Phase Transformations
RT Ising Model
RT Superlattices

ORDER PARAMETERS [01]
RT Crystal Structure

ORDNANCE
DA August 1975
UF *Munitions*
BT1 Military Equipment
BT2 Equipment
RT Ammunition
RT Shaped Charges

ORDOVICIAN PERIOD
DA October 1977
BT1 Paleozoic Era
BT2 Geologic Ages

ORE COMPOSITION [01]
RT Abundance
RT Availability
RT Mining
RT Natural Occurrence
RT Ores

ORE CONCENTRATES [01]
UF *Concentrates*
UF *Enriched Materials (Ores)*
NT1 Uranium Concentrates
RT Ore Enrichment

ORE ENRICHMENT [01]
UF *Enrichment (Ores)*
BT1 Enrichment
BT1 Ore Processing
BT2 Processing
BT1 Separation Processes
RT Flotation
RT Leaching
RT Ore Concentrates
RT Slurex Process

ORE PROCESSING [01]
UF *Processing (Ores)*
BT1 Processing
NT1 Ore Enrichment
RT Crushing
RT Flotation
RT Highland Uranium Mill
RT Leaching
RT Mill Tailings
RT Ores
RT Process Control
RT Radiometric Sorting
RT Refining
RT Shirley Basin Uranium Mill
RT Slurex Process
RT Slurries
RT Thiobacillus Oxidans
RT Uranium Concentrates

Ore Reserves
DA June 1975
USE Reserves

OREGON [01]
BT1 Pacific Northwest Region
BT1 USA
BT2 North America
RT Columbia River Basin

Oregon State TRIGA Reactor
USE OSTR Reactor

ORELA [01]
(Oak Ridge electron linear accelerator.)
BT1 Linear Accelerators
BT2 Accelerators

ORES [01]
NT1 Aluminium Ores
NT2 Bauxite
NT1 Bismuth Ores
NT1 Chromium Ores
NT1 Cobalt Ores
NT1 Copper Ores
NT1 Gold Ores
NT1 Iron Ores
NT2 Hematite
NT2 Limonite
NT2 Magnetite
NT2 Siderite
NT1 Lead Ores
NT1 Manganese Ores
NT1 Molybdenum Ores
NT1 Nickel Ores
NT1 Niobium Ores
NT1 Polymetallic Ores
NT1 Rhenium Ores
NT1 Selenium Ores
NT1 Silver Ores
NT1 Sulfur Ores
NT2 Pyrites
NT3 Pyrite
NT1 Tantalum Ores
NT1 Tellurium Ores
NT1 Thorium Ores
NT1 Tin Ores
NT1 Tungsten Ores
NT1 Uranium Ores
NT2 Uranium Concentrates
NT1 Vanadium Ores
NT1 Yttrium Ores
NT1 Zinc Ores
NT1 Zirconium Ores
RT Environmental Materials
RT Geologic Deposits
RT Minerals
RT Ore Composition
RT Ore Processing

Organ Cultures
USE Tissue Cultures

ORGANIC ACIDS [01]
(Excluding NUCLEIC ACIDS and NUCLEOTIDES.)
UF *Acids (Organic)*
BT1 Organic Compounds
NT1 Arsonic Acids
NT2 Arsanilic Acid
NT2 Arsenazo
NT2 Beryllon
NT1 Boronic Acids
NT1 Cacodylic Acid
*NT1 Carboxylic Acids
NT1 Coal Tar Acids
NT1 Fulvic Acids
NT1 Humic Acids
NT1 MDPA
NT1 Organophosphinic Acids
NT1 Phosphonic Acids
NT1 Phytic Acid
NT1 Shale Tar Acids
NT1 Sulfonic Acids
NT2 Acid Chrome Dyes
NT2 Arsenazo
NT2 Beryllon
NT2 Bromosulfophthalein
NT2 Chromotropic Acid
NT2 Congo Red
NT2 Eriochrome Dyes
NT2 Erioglaucine
NT2 Evans Blue
NT2 Ferron
NT2 Methyl Orange
NT2 Nitroso-R Salt
NT2 SDPPH
NT2 SPADNS
NT2 Sulfanilic Acid
NT2 Taurine
NT2 Thorin
NT2 Tiron
NT2 Trypan Blue
NT2 Unithiol
NT1 Thioic Acids
RT Acidification
RT Anhydrides
RT Chloranilic Acid
RT Hydrazides
RT Hydroxamic Acids
RT Nucleotides
RT PH Value
RT Picric Acid
RT Rhodizonic Acid
RT Sialic Acid
RT Soaps
RT Uric Acid

ORGANIC ARSENIC COMPOUNDS [01]
DA January 1975
BT1 Arsenic Compounds
BT1 Organic Compounds
NT1 Arsonic Acids
NT2 Arsanilic Acid
NT2 Arsenazo
NT2 Beryllon

ORGANIC BORON COMPOUNDS [01]
BT1 Organic Compounds
RT Boron Compounds

ORGANIC BROMINE COMPOUNDS [01]
BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Brominated Alicyclic Hydrocarbons
NT1 Brominated Aliphatic Hydrocarbons
NT2 Bromoform
NT2 Methyl Bromide
NT1 Brominated Aromatic Hydrocarbons
NT1 Bromosulfophthalein
NT1 Bromouracils
NT2 BUDR
NT1 Eosin
RT Bromine Compounds

ORGANIC CHLORINE COMPOUNDS [01]
UF+ *PCB (Polychlorinated Biphenyl)*

BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Chloral
NT1 Chlorambucil
NT1 Chloramines
NT1 Chloranil
NT1 Chlorinated Alicyclic Hydrocarbons
NT2 Lindane
NT1 Chlorinated Aliphatic Hydrocarbons
NT2 Carbon Tetrachloride
NT2 Chloroform
NT2 Methyl Chloride
NT2 PVC
NT1 Chlorinated Aromatic Hydrocarbons
NT2 Aldrin
NT1 Chlorpromazine
NT1 DDT
NT1 KEL-F
NT1 Neoprene
NT1 Nitrogen Mustard
NT1 Phosgene
NT1 Rose Bengal
RT Chlorine Compounds
RT Kepone

ORGANIC COMPOUNDS [01]
UF *Compounds (Organic)*
*NT1 Aldehydes
*NT1 Alkaloids
*NT1 Amines
*NT1 Aromatics
*NT1 Carbohydrates
*NT1 Carbonic Acid Derivatives
NT1 Coal Tar Bases
*NT1 Esters
*NT1 Heterocyclic Compounds
*NT1 Hydrocarbons
*NT1 Hydroxy Compounds
*NT1 Ketones
*NT1 Lipids
*NT1 Nucleic Acids
*NT1 Nucleotides
*NT1 Organic Acids
NT1 Organic Arsenic Compounds
NT2 Arsonic Acids
NT3 Arsanilic Acid
NT3 Arsenazo
NT3 Beryllon
NT1 Organic Boron Compounds
*NT1 Organic Halogen Compounds
NT1 Organic Mercury Compounds
NT2 Methylmercury
*NT1 Organic Nitrogen Compounds
*NT1 Organic Oxygen Compounds
*NT1 Organic Phosphorus Compounds
*NT1 Organic Polymers
*NT1 Organic Sulfur Compounds
*NT1 Organometallic Compounds
*NT1 Other Organic Compounds
*NT1 Proteins
NT1 Shale Tar Bases
*NT1 Steroids
NT1 Terpenes
NT2 Camphene
NT2 Camphor
NT2 Carotenoids
NT2 Geraniol
NT2 Squalene
NT2 Turpentine
RT Chemical Feedstocks
RT Clathrates
RT Organic Semiconductors
RT Renewable Resources
RT Translocation
RT Volatile Matter

ORGANIC COOLANTS [01]
BT1 Coolants
RT Aromatics
RT Organic Cooled Reactors
RT Polyphenyls

Organic Cooled and Moderated Reactor
USE OMR Type Reactors

Organic Cooled Heavy Water Moderated Chalk River Reactor
USE ZED-2 Reactor

ORGANIC COOLED REACTORS [01]
BT1 Reactors
NT1 ECO Reactor
NT1 EOCR Reactor
NT1 ESSOR Reactor
NT1 LWOR Type Reactors
NT1 OMR Type Reactors
NT2 ARBUS Reactor
NT2 OMRE Reactor
NT2 PNPF Reactor
NT1 WR-1 Reactor
NT1 ZED-2 Reactor
RT Organic Coolants

ORGANIC CRYSTAL PHOSPHORS [01]
BT1 Phosphors
RT Anthracene
RT Solid Scintillation Detectors
RT Stilbene

ORGANIC FLUORINE COMPOUNDS [01]
BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Fluorinated Alicyclic Hydrocarbons
NT1 Fluorinated Aliphatic Hydrocarbons
NT2 Carbon Tetrafluoride
NT2 Fluoroform
NT2 Methyl Fluoride
NT2 Polytetrafluoroethylene
NT3 Teflon
NT2 Tedlar
NT1 Fluorinated Aromatic Hydrocarbons
NT1 Fluorouracils
NT2 FUDR
NT1 KEL-F
NT1 TTA
RT Fluorine Compounds

ORGANIC HALOGEN COMPOUNDS [01]
BT1 Organic Compounds
NT1 Acid Halides
NT1 Halogenated Alicyclic Hydrocarbons
NT2 Brominated Alicyclic Hydrocarbons
NT2 Chlorinated Alicyclic Hydrocarbons
NT3 Lindane
NT2 Fluorinated Alicyclic Hydrocarbons
NT2 Iodinated Alicyclic Hydrocarbons
NT1 Halogenated Aliphatic Hydrocarbons
NT2 Brominated Aliphatic Hydrocarbons
NT3 Bromoform
NT3 Methyl Bromide
NT2 Chlorinated Aliphatic Hydrocarbons
NT3 Carbon Tetrachloride
NT3 Chloroform
NT3 Methyl Chloride
NT3 PVC
NT2 Fluorinated Aliphatic Hydrocarbons
NT3 Carbon Tetrafluoride
NT3 Fluoroform
NT3 Methyl Fluoride
NT3 Polytetrafluoroethylene
NT4 Teflon
NT3 Tedlar
NT2 Freons
NT2 Iodinated Aliphatic Hydrocarbons
NT3 Iodoform
NT3 Methyl Iodide
NT1 Halogenated Aromatic Hydrocarbons
NT2 Brominated Aromatic Hydrocarbons
NT2 Chlorinated Aromatic Hydrocarbons
NT3 Aldrin
NT2 Fluorinated Aromatic Hydrocarbons
NT2 Iodinated Aromatic Hydrocarbons
NT1 Organic Bromine Compounds
NT2 Brominated Alicyclic Hydrocarbons
NT2 Brominated Aliphatic Hydrocarbons
NT3 Bromoform
NT3 Methyl Bromide
NT2 Brominated Aromatic Hydrocarbons
NT2 Bromosulfophthalein
NT2 Bromouracils
NT3 BUDR
NT2 Eosin
NT1 Organic Chlorine Compounds
NT2 Chloral
NT2 Chlorambucil
NT2 Chloramines
NT2 Chloranil
NT2 Chlorinated Alicyclic Hydrocarbons
NT3 Lindane
NT2 Chlorinated Aliphatic Hydrocarbons
NT3 Carbon Tetrachloride
NT3 Chloroform
NT3 Methyl Chloride
NT3 PVC
NT2 Chlorinated Aromatic Hydrocarbons
NT3 Aldrin
NT2 Chlorpromazine
NT2 DDT
NT2 KEL-F
NT2 Neoprene
NT2 Nitrogen Mustard
NT2 Phosgene
NT2 Rose Bengal
NT1 Organic Fluorine Compounds
NT2 Fluorinated Alicyclic Hydrocarbons
NT2 Fluorinated Aliphatic Hydrocarbons
NT3 Carbon Tetrafluoride
NT3 Fluoroform
NT3 Methyl Fluoride
NT3 Polytetrafluoroethylene
NT4 Teflon
NT3 Tedlar
NT2 Fluorinated Aromatic Hydrocarbons
NT2 Fluorouracils
NT3 FUDR
NT2 KEL-F
NT2 TTA
NT1 Organic Iodine Compounds
NT2 Diiodotyrosine
NT2 Diodrast
NT2 Erythrosine
NT2 Ferron
NT2 Hypaque
NT2 Iodinated Alicyclic Hydrocarbons
NT2 Iodinated Aliphatic Hydrocarbons
NT3 Iodoform
NT3 Methyl Iodide
NT2 Iodinated Aromatic Hydrocarbons
NT2 Iodouracils
NT3 Iododeoxyuridine
NT2 Ioglycamic Acid
NT2 Lipiodol
NT2 PBI
NT2 Rose Bengal
NT2 Thyroxine
RT Halogen Compounds

ORGANIC INSULATORS [01]
RT Dielectric Materials

ORGANIC IODINE COMPOUNDS [01]
UF+ *Risa*

BT1 Organic Halogen Compounds
BT2 Organic Compounds
NT1 Diiodotyrosine
NT1 Diodrast
NT1 Erythrosine
NT1 Ferron
NT1 Hypaque
NT1 Iodinated Alicyclic Hydrocarbons
NT1 Iodinated Aliphatic Hydrocarbons
NT2 Iodoform
NT2 Methyl Iodide
NT1 Iodinated Aromatic Hydrocarbons
NT1 Iodouracils
NT2 Iododeoxyuridine
NT1 Ioglycamic Acid
NT1 Lipiodol
NT1 PBI
NT1 Rose Bengal
NT1 Thyroxine
RT Iodine Compounds

ORGANIC ION EXCHANGERS [01]
UF *Amberlite*
UF *Dowex*
UF *Permutit (Organic)*
BT1 Ion Exchange Materials
NT1 Polystyrene-DVB

ORGANIC MERCURY COMPOUNDS [01]
BT1 Organic Compounds
NT1 Methylmercury

Organic Moderated Reactor Experiment
USE OMRE Reactor

Organic Moderated Reactor Piqua
USE PNPF Reactor

ORGANIC MODERATED REACTORS [01]
BT1 Reactors
NT1 AGN-201 Reactor Series
NT2 AGN-201M-105 Reactor
NT2 AGN-201M-112 Reactor
NT2 AGN-201P-103 Reactor
NT2 AGN-201P-111 Reactor
NT2 AGN-201-100 Reactor
NT2 AGN-201-101 Reactor
NT2 AGN-201-102 Reactor
NT2 AGN-201-104 Reactor
NT2 AGN-201-106 Reactor
NT2 AGN-201-107 Reactor
NT2 AGN-201-108 Reactor
NT2 AGN-201-109 Reactor
NT2 AGN-201-110 Reactor
NT2 AGN-201-113 Reactor
NT2 AGN-201-114 Reactor
NT1 AGN-211 Reactor Series
NT2 AGN-211P-100 Reactor
NT2 AGN-211-101 Reactor
NT2 AGN-211-102 Reactor
NT2 AGN-211-103 Reactor
NT1 EOCR Reactor
NT1 OMR Type Reactors
NT2 ARBUS Reactor
NT2 OMRE Reactor
NT2 PNPF Reactor
NT1 ROSPO Reactor
NT1 SUR-100 Series Reactor
NT1 VIPER Reactor
NT1 Zerlina Reactor
RT Organic Moderators

ORGANIC MODERATORS [01]
BT1 Moderators
RT Aromatics
RT Organic Moderated Reactors
RT Polyphenyls

ORGANIC NITROGEN COMPOUNDS [01]
(Excluding PROTEINS, AMINES, ALKALOIDS, AMINO ACIDS, NUCLEIC ACIDS, and NUCLEOTIDES.)
BT1 Organic Compounds
NT1 Amides
NT2 Acetamide
NT3 Ioglycamic Acid
NT2 Acrylamide
NT2 Asparagine
NT2 Formamide
NT2 Glutamine
NT2 Hydroxyurea
NT2 Hypaque
NT2 Lactams
NT3 Pyrrolidones
NT4 PVP
NT2 Nicotinamide
NT2 Phenatine
NT2 Sulfenamides
NT2 Sulfonamides
NT2 Thionalide
NT2 Urea
NT1 Amidines
NT2 Stilbamidine
NT1 Azido Compounds
NT1 Azines
NT2 Phenothiazines
NT3 Chlorpromazine
NT3 Methylene Blue
NT2 Pyrazines
NT3 Neutral Red
NT3 Phenazine
NT3 Piperazines
NT2 Pyridazines
NT3 Phthalazines
NT2 Pyridines
NT3 Acridines
NT4 Acridine Orange
NT4 Acridones
NT4 Flavines
NT5 Acriflavine
NT5 Proflavine
NT3 Bipyridines
NT3 Diodrast
NT3 Nicotinamide
NT3 Nicotine
NT3 Nicotinic Acid
NT3 PAN
NT3 Phenatine
NT3 Picolines
NT4 Picolinic Acid
NT3 Piperidines
NT4 Pethidine
NT4 TAN
NT3 Pyridine
NT3 Pyridinium Compounds
NT3 Pyridoxal
NT3 Pyridoxine
NT3 Pyridoxylideneglutamate
NT3 Pyridylazoresorcinol
NT3 Quinolines
NT4 Ferron
NT4 Kynurenic Acid
NT4 Oxine
NT4 Quinaldine
NT2 Pyrimidines
NT3 Alloxan
NT3 Barbiturates
NT4 Amytal
NT4 Nembutal
NT4 Phenobarbital
NT4 Thiopental
NT3 Cytidine
NT3 Cytosine
NT3 Deoxycytidine
NT3 Murexide
NT3 Sulfadiazine
NT3 Thiamine
NT3 Thymidine
NT3 Uracils
NT4 Bromouracils
NT5 BUDR
NT4 Deoxyuridine
NT4 Fluorouracils
NT5 FUDR
NT4 Iodouracils
NT5 Iododeoxyuridine
NT4 Orotic Acid
NT4 Thiouracil
NT4 Thymine
NT4 Uridine
NT2 Triazines
NT3 Cyanurates
NT3 Melamine
NT1 Azo Compounds
NT2 Arsenazo
NT2 Azo Dyes
NT3 Acid Chrome Dyes
NT3 Beryllon
NT3 Congo Red
NT3 Eriochrome Dyes
NT3 Erioglaucine
NT3 Evans Blue
NT3 Methyl Orange
NT3 Methyl Red
NT3 Toluidine Blue
NT3 Trypan Blue
NT2 Cycasin
NT1 Azoles
NT2 Carbazoles
NT2 Imidazoles
NT3 Allantoin
NT3 Benzimidazoles
NT3 Biotin
NT3 Creatinine
NT3 Histamine
NT3 Histidine
NT3 Metronidazole
NT3 Urocanic Acid
NT2 Oxadiazoles
NT2 Oxazoles
NT3 Benzoxazoles
NT3 Pemoline
NT3 POPOP
NT2 Pyrazoles
NT3 Indazoles
NT3 Pyrazolines
NT4 Antipyrine
NT2 Pyrroles
NT3 Bilirubin
NT3 Biliverdin
NT3 Indoles
NT4 Indocyanine Green
NT4 Lysergic Acid
NT4 Reserpine
NT4 Strychnine
NT4 Tryptamines
NT5 Bufotenine
NT5 Melatonin
NT5 Serotonin
NT6 Mexamine
NT4 Tryptophan
NT4 Vinblastine
NT3 Pyrrolidines
NT4 Hydroxyproline
NT4 Nicotine
NT4 Proline
NT3 Pyrrolidones
NT4 PVP
NT3 Stercobilin
NT3 Urobilinogen
NT2 Tetrazoles
NT3 Tetrazolium
NT2 Thiadiazoles
NT2 Thiazoles
NT3 Benzothiazoles
NT3 Saccharin
NT3 Thiamine
NT2 Triazoles
NT1 Carbamates
NT2 DEDTC
NT2 Urethane
NT1 Carbazides
NT1 Carbazones
NT2 Diphenylcarbazones
NT2 Dithizone
NT1 Cyanamides
NT1 Diazo Compounds
NT2 PAN
NT2 Pyridylazoresorcinol
NT2 Thorin
NT1 DPCA
NT1 Gangliosides
NT1 Guanethidine
NT1 Guanidines
NT1 Hydrazides
NT2 Iproniazid
NT2 Isoniazid
NT1 Hydrazones
NT1 Imides
NT2 NEM
NT1 Imidines
NT1 Imines
NT2 Creatinine

NT2 Pemoline
NT2 Schiff Bases
NT1 Imipramine
NT1 Isoalloxazines
NT2 Diaphorases
NT1 Melanin
NT1 Morpholines
NT1 Nitriles
NT2 Acrylonitrile
NT2 Propiolonitrile
NT2 TTF-TCNQ
NT1 Nitro Compounds
NT2 Dinitrophenol
NT2 DPPH
NT2 Metronidazole
NT2 Nitrobenzene
NT2 Nitromethane
NT2 Nitrophenol
NT2 Picric Acid
NT2 SDPPH
NT2 Tetryl
NT2 TNT
NT1 Nitroso Compounds
NT2 1-Nitroso-2-Naphthol
NT2 Nitroso-R Salt
NT1 Oximes
NT2 Benzoinoxime
NT2 Dimethylglyoxime
NT2 Furildioxime
NT1 Parathion
NT1 Phenanthrolines
NT2 Ferroin
NT2 Phenanthroline-Ortho
NT1 Porphyrins
NT2 Chlorophyll
NT2 Etioporphyrins
NT2 Hematoporphyrins
NT2 Heme
NT2 Hemoglobin
NT3 Methemoglobin
NT2 Hemosiderin
NT2 Myoglobin
NT2 Peroxidases
NT2 Protoporphyrins
NT1 Pteridines
NT2 Aminopterin
NT2 Folic Acid
NT1 Purines
NT2 Adenines
NT3 Kinetin
NT2 Guanine
NT2 Guanosine
NT2 Hypoxanthine
NT2 Inosine
NT2 Mercaptopurine
NT2 Xanthines
NT3 Caffeine
NT3 Theobromine
NT3 Theophylline
NT3 Uric Acid
NT1 Semicarbazides
NT1 Semicarbazones
NT1 Thionine
RT Diazotization
RT Nitrogen Compounds
RT Squarylium Dyes

ORGANIC OXYGEN COMPOUNDS [01] (Excluding HYDROXY COMPOUNDS, CARBONIC ACID DERIVATIVES, LIPIDS, STEROIDS, CARBOHYDRATES, ORGANIC ACIDS, ALDEHYDES, KETONES and ESTERS.)
UF+ *Parabanic Acid*
BT1 Organic Compounds
NT1 Allantoin
NT1 Alloxan
NT1 Barbiturates
NT2 Amytal
NT2 Nembutal
NT2 Phenobarbital
NT2 Thiopental
NT1 Benzoyl Peroxide
NT1 Cyanurates
NT1 Cytosine
NT1 Dioxane
NT1 Epoxides
NT2 Araldite
NT1 Ethers
NT2 Acetals
NT3 Acetal
NT2 Anisole
NT2 Batyl Alcohol
NT2 Butyl Ether
NT2 Carbitols
NT2 Cellosolves
NT2 Curcumin
NT2 DME
NT2 Ethyl Ether
NT2 Ioglycamic Acid
NT2 Isopropyl Ether
NT2 Methyl Ether
NT2 Methylal
NT2 Mexamine
NT2 Morpholines
NT2 Phenyl Ether
NT1 Flavenoids
NT2 Flavones
NT3 Hesperidin
NT3 Morin
NT3 Quercetin
NT1 Furans
NT2 Benzofurans
NT2 Furfural
NT2 Furildioxime
NT2 MTHF
NT1 Heterocyclic Oxygen Compounds
NT1 Isoalloxazines
NT2 Diaphorases
NT1 Ketenes
NT1 Murexide
NT1 Oxadiazoles
NT1 Oxazoles
NT2 Benzoxazoles
NT2 Pemoline
NT2 POPOP
NT1 Phenatine
NT1 Psoralen
NT1 Pyrans
NT2 Coumarin
NT2 Hematoxylin
NT2 Quercetin
NT2 Tetrahydropyran
NT1 Pyridoxal
NT1 Quinones
NT2 Anthraquinones
NT3 Alizarin
NT3 Carminic Acid
NT3 Quinizarin
NT2 Benzoquinones
NT3 Chloranil
NT3 Chloranilic Acid
NT3 Quinhydrone
NT3 Ubiquinone
NT2 Rhodizonic Acid
NT2 Vitamin K
NT1 Rhodamines
NT1 Saccharin
NT1 Semicarbazides
NT1 TAN
NT1 Trioxanes
NT1 Xanthines
NT2 Caffeine
NT2 Theobromine
NT2 Theophylline
NT2 Uric Acid
RT Oxygen Compounds

ORGANIC PHOSPHORUS COMPOUNDS [01] (Excluding NUCLEIC ACIDS and NUCLEOTIDES.)
UF *Diphenylphosphine Oxide*
UF *DPO*
BT1 Organic Compounds
NT1 Casein
NT1 Cystaphos
NT1 Malathion
NT1 Organophosphinic Acids
NT1 Phosphinic Acid Esters
NT1 Phosphinic Acids
NT1 Phosphocreatine
NT1 Phospholipids
NT2 Cardiolipin
NT2 Cephalins
NT2 Lecithins
NT2 Sphingomyelins
NT1 Phosphonates
NT1 Phosphonic Acid Esters
NT2 DAMPA
NT1 Phosphonic Acids
NT1 Phosphoric Acid Esters
NT2 Butyl Phosphates
NT3 DBP
NT3 TBP
NT2 HDEHP
NT2 MDPA
NT2 Phytic Acid
NT2 TCP
NT1 TBPO
NT1 TOPO
NT1 TOPS
NT1 TPO
NT1 UDPG
RT Phosphorus Compounds
RT Thiophosphoric Acid Esters

ORGANIC POLYMERS [01]
BT1 Organic Compounds
BT1 Polymers
NT1 Araldite
NT1 Bakelite
NT1 Copolymers
NT1 Graft Polymers
NT1 Neoprene
NT1 Plastic Foams
NT1 Polyacetals
NT2 Formvar
NT2 Polyoxymethylenes
NT1 Polyamides
NT2 Nylon
NT2 Polyurethanes
NT3 Halthane
NT1 Polyesters
NT2 Dacron
NT2 Homalite
NT2 Laminac
NT2 Mylar
NT1 Polyethylene Glycols
NT2 Carbowax
NT2 Pluronics
NT1 Polyisoprene
NT1 Polyolefins
NT2 Polyethylenes
NT3 KEL-F
NT3 Marlex
NT3 Polytetrafluoroethylene
NT4 Teflon
NT2 Polypropylene
NT2 Polystyrene
NT2 Polystyrene-DVB
NT1 Polyvinyls
NT2 Polyacrylates
NT3 Lucite
NT3 Perspex
NT3 Plexiglas
NT2 Polystyrene
NT2 PVA
NT2 PVC
NT2 PVP
NT2 Tedlar
NT1 Resins
NT1 Rubbers
NT2 Buna
NT2 Latex
NT2 Natural Rubber
NT2 Silastic
NT2 Viton
NT1 Textolite
NT1 Thermoplastics
RT Acrylonitrile
RT Benzofurans
RT Butadiene
RT Melamine
RT Plastics
RT Polyphenyls
RT Wood-Plastic Composites

ORGANIC SEMICONDUCTORS
DA January 1975
BT1 Semiconductor Materials
RT Organic Compounds

ORGANIC SOLAR CELLS
DA May 1979

BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters
RT Dyes
RT Photovoltaic Conversion

ORGANIC SOLVENTS [01]
BT1 Solvents
NT1 AMSCO
NT1 Carbitols
NT1 Cellosolves
NT1 Solvesso
NT1 Turpentine
RT Butyl Ether
RT Chloroform
RT DME
RT Ethyl Ether
RT Isopropyl Ether
RT Solutions
RT Trioxanes

ORGANIC SULFUR COMPOUNDS [01]
UF *Thio Compounds*
BT1 Organic Compounds
NT1 Biotin
NT1 Cystamine
NT1 DEDTC
NT1 Disulfides
NT2 Cystine
NT2 Thioctic Acid
NT1 Dithizone
NT1 Ethionine
NT1 Ethyrone
NT1 Heparin
NT1 Isothiocyanates
NT1 Methionine
NT1 Phenothiazines
NT2 Chlorpromazine
NT2 Methylene Blue
NT1 Sulfadiazine
NT1 Sulfenamides
NT1 Sulfonamides
NT1 Sulfonates
NT2 Indocyanine Green
NT2 Petroleum Sulfonates
NT1 Sulfones
NT2 SPADNS
NT1 Sulfonic Acid Esters
NT2 ABS
NT2 EMS
NT2 Methyl Methanesulfonate
NT2 Petroleum Sulfonates
NT1 Sulfonic Acids
NT2 Acid Chrome Dyes
NT2 Arsenazo
NT2 Beryllon
NT2 Bromosulfophthalein
NT2 Chromotropic Acid
NT2 Congo Red
NT2 Eriochrome Dyes
NT2 Erioglaucine
NT2 Evans Blue
NT2 Ferron
NT2 Methyl Orange
NT2 Nitroso-R Salt
NT2 SDPPH
NT2 SPADNS
NT2 Sulfanilic Acid
NT2 Taurine
NT2 Thorin
NT2 Tiron
NT2 Trypan Blue
NT2 Unithiol
NT1 Sulfoxides
NT2 DMSO
NT2 DPSO
NT1 Thiadiazoles
NT1 Thiazoles
NT2 Benzothiazoles
NT2 Saccharin
NT2 Thiamine
NT1 Thiocyanates
NT1 Thioic Acids
NT1 Thiols
NT2 Cysteine
NT2 Dithiols
NT3 BAL
NT3 Unithiol
NT2 Malathion
NT2 MEA
NT2 MEG
NT2 Mercaptopurine
NT2 Penicillamine
NT2 Thionalide
NT2 Thiouracil
NT1 Thionaphthenes
NT1 Thionates
NT1 Thionine
NT1 Thiopental
NT1 Thiophene
NT1 Thiophenols
NT1 Thioureas
NT2 AET
NT2 Thiourea
NT1 TOPS
NT1 TTA
NT1 TTF-TCNQ
NT1 Xanthates
NT2 Viscose
RT Sulfur Compounds
RT Thiophosphoric Acid Esters

ORGANIC WASTES
DA September 1975
BT1 Wastes
RT Agricultural Wastes
RT Biological Wastes
RT Industrial Wastes
RT Liquid Wastes
RT Sewage
RT Solid Wastes

Organization Economic Co-operation and Development
USE OECD

Organization of American States
DA March 1978
USE OAS

ORGANIZATIONAL MODELS [01]
DA December 1975
UF *Models (Organizational)*
RT Management
RT Organizing
RT Planning

ORGANIZING [01]
RT Organizational Models
RT Personnel
RT Planning
RT Pollution Control Agencies

ORGANOIDS [01]
UF *Golgi Apparatus*
BT1 Cell Constituents
NT1 Endoplasmic Reticulum
NT1 Liposomes
NT1 Lysosomes
NT1 Microsomes
NT1 Mitochondria
NT1 Ribosomes
RT Ultracentrifugation
RT Ultrastructural Changes

ORGANOLEPTIC PROPERTIES [01]
NT1 Color
NT1 Flavor
NT1 Odor
RT Food
RT Preservation
RT Sense Organs

ORGANOMETALLIC COMPOUNDS [01]
(For compounds of metals and semimetals with organic compounds, but only when the metal or semimetal is directly bound to carbon.)
BT1 Organic Compounds
NT1 Grignard Reagents
NT1 TEL

ORGANOPHOSPHINIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
RT Phosphinic Acid Esters

ORGANS [01]
BT1 Body
NT1 Bone Marrow
NT1 Brain
NT2 Cerebellum
NT2 Cerebrum
NT3 Cerebral Cortex
NT2 Hypothalamus
NT2 Olfactory Bulbs
NT2 Thalamus
NT1 Critical Organs
NT1 Esophagus
NT1 Female Genitals
NT2 Ovaries
NT2 Uterus
NT1 Glands
NT2 Endocrine Glands
NT3 Adrenal Glands
NT3 Pancreas
NT3 Parathyroid Glands
NT3 Pituitary Gland
NT3 Thyroid
NT2 Liver
NT2 Mammary Glands
NT2 Pineal Gland
NT2 Prostate
NT2 Salivary Glands
NT1 Heart
NT2 Myocardium
NT2 Pericardium
NT1 Intestines
NT2 Large Intestine
NT3 Rectum
NT2 Small Intestine
NT1 Kidneys
NT2 Glomeruli
NT2 Mechanical Kidney
NT2 Tubules
NT1 Lungs
NT1 Male Genitals
NT2 Prostate
NT2 Testes
NT1 Perfused Organs
NT1 Pharynx
NT1 Sense Organs
NT2 Auditory Organs
NT2 Eyes
NT3 Conjunctiva
NT3 Cornea
NT3 Crystalline Lens
NT3 Lacrimal Ducts
NT3 Retina
NT3 UVEA
NT2 Taste Buds
NT2 Vestibular Apparatus
NT1 Skeleton
NT2 Bone Joints
NT2 Exoskeleton
NT2 Femur
NT2 Skull
NT3 Jaw
NT2 Tibia
NT2 Vertebrae
NT1 Skin
NT2 Epidermis
NT2 Hair
NT2 Nails
NT1 Spleen
NT1 Stomach
NT1 Thymus
NT1 Tongue
NT1 Urinary Tract
NT2 Bladder
NT2 Ureters
RT Artificial Organs
RT Biological Regeneration
RT Biology
RT Blood Flow
RT Cardiovascular System
RT Digestive System
RT Homogenates
RT In Vivo
RT Lymphatic System
RT Nervous System
RT Respiratory System

RT Retention
RT Tissues

ORGDP [01]
DA January 1975
UF *K-25 Plant*
UF *Oak Ridge Gaseous Diffusion Plant*
BT1 Gaseous Diffusion Plants
BT2 Isotope Separation Plants
BT3 Industrial Plants
BT3 Nuclear Facilities
RT Gaseous Diffusion Process
RT Oak Ridge

Orgel Reactor
USE ESSOR Reactor

ORIENTATION [01]
NT1 Grain Orientation
NT1 Spin Orientation
RT Anisotropy
RT Asymmetry
RT Configuration
RT Isotropy
RT Symmetry

Orientation (Grain)
USE Grain Orientation

ORIENTED NUCLEI [01]
BT1 Nuclei
RT Nuclear Alignment
RT Polarization

ORIFICES [01]
BT1 Openings
RT Apertures
RT Flowmeters
RT Nozzles
RT Pipe Fittings

ORIGIN [01]
RT Cosmology
RT Nucleosynthesis
RT Protostars
RT Star Evolution

ORION COMPUTERS [01]
BT1 Computers

ORMAK DEVICES [01]
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

ORNAMENTAL PLANTS [01]
BT1 Plants
RT Aesthetics

ORNITHINE [01]
UF *2,5-Diaminovaleric Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

ORNL [01]
UF *Oak Ridge National Laboratory*
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Oak Ridge

ORNL ISOCHRONOUS CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators
RT HHIRF

ORNL-PCA REACTOR [01]
UF *PCA-ORNL Reactor*
UF *Pool Critical Assembly ORNL*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ORNL Research Reactor
USE ORR Reactor

ORNL SEPARATED ORBIT CYCLOTRON [01]
BT1 Separated Orbit Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

ORNL X-10 Area Graphite Reactor
USE X-10 Reactor

OROGENESIS [01]
RT Mountains
RT Petrogenesis
RT Rocks
DEF The process of mountain making, especially by folding of the earth'$\mu_s\omega\Sigma\mu\pi\rightleftharpoons$

OROTIC ACID [01]
UF *6-Carboxyuracil*
UF *Uracil-6-Carboxylic Acid*
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

ORR REACTOR [01]
UF *Oak Ridge Research Reactor*
UF *ORNL Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

ORSAT APPARATUS [01]
RT Gas Analysis

Orsay Alice Cyclotron
USE ALICE Cyclotron

ORSAY CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

ORSAY LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

ORSAY SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

ORSAY TANDEM ACCELERATOR [01]
DA April 1977
BT1 Tandem Electrostatic Accelerators
BT2 Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators
BT1 Van de Graaff Accelerators
BT2 Electrostatic Accelerators
BT3 Accelerators

ORTHICONS [01]
BT1 Camera Tubes
BT2 Image Tubes

ORTHITE [01]
BT1 Allanite
BT2 Thorium Minerals
BT3 Radioactive Minerals
BT4 Minerals
BT4 Radioactive Materials
BT2 Thorium Silicates
BT3 Silicates
BT4 Oxygen Compounds
BT4 Silicon Compounds
BT3 Thorium Compounds
BT4 Actinide Compounds
RT Lanthanum Silicates

Orthogonal Pinch Devices (Linear)
USE Linear Theta Pinch Devices

ORTHOGONAL TRANSFORMATIONS [01]
DA June 1975
BT1 Transformations

ORTHONOL [01]
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

ORTHORHOMBIC LATTICES [01]
BT1 Crystal Lattices
BT2 Crystal Structure

Oryza
USE Rice

OSCILLATION MODES [01]
UF *Modes (Oscillation)*
UF *Vibration Modes*
NT1 Bernstein Mode
NT1 Optical Modes
NT1 Single-Particle Modes
RT Harmonics
RT Lattice Vibrations
RT Plasma Waves

Oscillation Techniques (Pile)
USE Pile Oscillation Techniques

OSCILLATIONS [01]
NT1 Betatron Oscillations
NT1 Harmonics
NT2 Cyclotron Harmonics
NT1 Phase Oscillations
NT1 Synchrotron Oscillations
RT Amplitudes
RT Disturbances
RT Mechanical Vibrations
RT Nyquist Diagrams
RT Pulsations
RT Samarium Oscillations
RT Variations
RT Xenon Oscillations

Oscillations (Plasma)
USE Plasma Waves

OSCILLATOR STRENGTHS [01]
RT Einstein Coefficients
RT Energy-Level Transitions
RT Optical Depth Curve
RT Spectroscopic Curve of Growth
RT Strength Functions

OSCILLATORS [01]
BT1 Electronic Equipment
NT1 Blocking Oscillators
NT1 Parametric Oscillators
NT1 Transistor Oscillators
RT Electronic Circuits
RT Pulse Techniques
RT Semiconductor Devices

Oscillators (Reactor)
USE Reactor Oscillators

OSCILLOGRAPHS [01]
BT1 Electronic Equipment
RT Cathode Ray Tubes

OSEEN METHOD [01]
RT Fluid Flow

OSHA
DA June 1978

USE US OSHA

Oshima Oi-1 Reactor
USE Oi-1 Reactor

Oshima Oi-2 Reactor
USE Oi-2 Reactor

OSIRIS REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Oskarshamn-1 Reactor
USE OKG-1 Reactor

Oskarshamn-2 Reactor
USE OKG-2 Reactor

Oskarshamn-3 Reactor
USE OKG-3 Reactor

Oskarshamn-4 Reactor
USE OKG-4 Reactor

OSMIUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements
BT1 Refractory Metals
BT2 Metals
BT3 Elements

OSMIUM 165 [01]
DA December 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 166 [01]
DA May 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 167 [01]
DA May 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 168 [01]
DA April 1979
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OSMIUM 170 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 171 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 172 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 173 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 174 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OSMIUM 175 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes

OSMIUM 176 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 177 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 178 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 179 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 180 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 181 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes

OSMIUM 182 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes

OSMIUM 183 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes

OSMIUM 184 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 185 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 186 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 187 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 188 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 189 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 190 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 191 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Osmium Isotopes

OSMIUM 192 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

OSMIUM 193 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 194 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OSMIUM 195 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM 196 [01]
DA October 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OSMIUM ADDITIONS [01]
BT1 Osmium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

OSMIUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Osmium Additions
NT1 Osmium Base Alloys

OSMIUM BASE ALLOYS [01]
BT1 Osmium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

OSMIUM BORIDES [01]
DA December 1975
BT1 Borides
BT2 Boron Compounds
BT1 Osmium Compounds
BT2 Transition Element Compounds

OSMIUM CARBIDES
DA January 1976
BT1 Carbides
BT2 Carbon Compounds
BT1 Osmium Compounds
BT2 Transition Element Compounds

OSMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Osmium Compounds
BT2 Transition Element Compounds

OSMIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

OSMIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Osmium Borides
NT1 Osmium Carbides
NT1 Osmium Chlorides
NT1 Osmium Fluorides
NT1 Osmium Oxides
NT1 Osmium Sulfates
NT1 Osmium Sulfides

OSMIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Osmium Compounds
BT2 Transition Element Compounds

OSMIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

OSMIUM ISOTOPES [01]
NT1 Osmium 165
NT1 Osmium 166
NT1 Osmium 167
NT1 Osmium 168
NT1 Osmium 170
NT1 Osmium 171
NT1 Osmium 172
NT1 Osmium 173
NT1 Osmium 174
NT1 Osmium 175
NT1 Osmium 176
NT1 Osmium 177
NT1 Osmium 178
NT1 Osmium 179
NT1 Osmium 180
NT1 Osmium 181
NT1 Osmium 182
NT1 Osmium 183
NT1 Osmium 184
NT1 Osmium 185
NT1 Osmium 186
NT1 Osmium 187
NT1 Osmium 188
NT1 Osmium 189
NT1 Osmium 190
NT1 Osmium 191
NT1 Osmium 192
NT1 Osmium 193
NT1 Osmium 194
NT1 Osmium 195
NT1 Osmium 196
NT1 Oxygen 24

OSMIUM OXIDES [01]
BT1 Osmium Compounds
BT2 Transition Element Compounds
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds

OSMIUM SULFATES [01]
DA April 1977
BT1 Osmium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

OSMIUM SULFIDES
DA March 1977
BT1 Osmium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

OSMIUM 184 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 186 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 187 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 188 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 189 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 190 TARGET [01]
DA July 1976
BT1 Targets

OSMIUM 191 TARGET [01]
DA May 1979
BT1 Targets

OSMIUM 192 TARGET [01]
DA July 1976
BT1 Targets

OSMOSIS [01]
UF *Reverse Osmosis*
RT Diffusion
RT Donnan Theory
RT Hypertonic Solutions
RT Mass Transfer
RT Membrane Transport
RT Membranes
RT Molecular Weight
RT Permeability

Osmotic Power Plants
DA September 1977
USE Salinity Gradient Power Plants

Osteitis (Radioinduced)
USE Osteoradionecrosis

Osteoblasts
USE Connective Tissue Cells

Osteocytes
USE Bone Cells

OSTEODENSITOMETRY [01]
BT1 Biomedical Radiography
BT2 Diagnostic Techniques
BT2 Radiology
BT3 Nuclear Medicine
BT4 Medicine
RT Bone Tissues
RT Osteoporosis
RT Scintiscanning

OSTEOMYELITIS [01]
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Tissues

OSTEOPOROSIS [01]
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Tissues
RT Osteodensitometry

OSTEORADIONECROSIS [01]
UF *Osteitis (Radioinduced)*
BT1 Local Radiation Effects
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT1 Necrosis
BT2 Pathological Changes
BT3 Diseases
BT1 Radiation Injuries
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT2 Injuries
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Tissues

OSTEOSARCOMAS [01]
BT1 Sarcomas
BT2 Neoplasms
BT3 Diseases
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Tissues

OSTR REACTOR [01]
UF *Oregon State TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

OSUR REACTOR [01]
UF *Ohio State University Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Osweso Nuclear Power Plant
USE Nine Mile Point-2 Reactor

OTAKE GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT Japan

OTHER ORGANIC COMPOUNDS [01]
(For organic materials, usually naturally occurring, composed of undetermined or mixed organic compounds.)
BT1 Organic Compounds
NT1 Amber
NT1 Asphaltite
NT1 Oils
NT2 Castor Oil
NT2 Coal Tar Oils
NT3 Naphtha
NT2 Corn Oil
NT2 Croton Oil
NT2 Essential Oils
NT2 Fish Oil
NT2 Fuel Oils
NT3 Heating Oils
NT3 Residual Fuels
NT2 Linseed Oil
NT2 Lipiodol
NT2 Mineral Oils
NT3 Shale Oil
NT4 Shale Oil Fractions
NT2 Olive Oil
NT2 Peanut Oil
NT2 Pyrolytic Oils
NT2 Sesame Oil
NT2 Shale Tar Oils
NT2 Soybean Oil
NT2 Triolein
NT2 Waste Oils
NT1 Pitches
NT1 Soaps
NT1 Tar
NT2 Bitumens
NT3 Asphalts
NT4 Asphaltenes
NT3 Blown Bitumens
NT3 Carburan
NT3 Thucholite
NT2 Coal Tar
NT2 Shale Tar
NT1 Waxes
NT2 Carbowax
NT2 Paraffin
NT2 Santowax

OTTAWA RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Ontario
RT Quebec

OTTO CYCLE
DA February 1975
BT1 Thermodynamic Cycles

Otto Hahn (Nuclear Ship)
USE NS Otto Hahn

OTTO HAHN REACTOR [01]
UF *FDR Reactor*
UF *Nuclear Ship Otto Hahn Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
RT NS Otto Hahn

OTTO PROCESS
DA February 1975
RT Desulfurization
DEF Process for removal of H_2S from coal gas.

OTTO RUMMEL SLAG BATH PROCESS
DA May 1977
RT Coal Gasification
DEF Slag bath gasification using either steam or oxygen-steam; steam blown system requires a dual shaft, which permits the separation of the combustor function from the gasification function from the gasification function, thereby permitting synthesis gas generation with low nitrogen.

OUABAIN [01]
BT1 Strophantin
BT2 Cardiotonics
BT3 Drugs
BT3 Steroids
BT4 Organic Compounds
BT2 Glycosides
BT3 Carbohydrates
BT4 Organic Compounds

OUNCE METAL [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Tin Alloys
BT2 Alloys
BT1 Zinc Alloys
BT2 Alloys
RT Brass

OUTAGES
DA July 1979

RT Blackouts
RT Capacity
RT Containers
RT Failures
RT Power Systems
RT Reliability
DEF A failure in an electric power system; difference between actual content and rated capacity of a container.

Outgassing
USE Degassing

OUTLET STRUCTURES
DA May 1979
BT1 Mechanical Structures

OVA [01]
BT1 Gametes
BT2 Germ Cells
RT Eggs
RT Fertilization
RT Life Cycle
RT Oogenesis
RT Ovulation

OVALBUMIN [01]
BT1 Glucoproteins
BT2 Proteins
BT3 Organic Compounds
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

OVARIES [01]
BT1 Female Genitals
BT2 Organs
BT3 Body
BT1 Gonads
RT Estrogens
RT Oogenesis
RT Ovulation
RT Progesterone

OVERBURDEN
DA January 1975
SF *Regolith*
RT Earth Mantle
RT Mining
RT Rock Mechanics
RT Soil Mechanics
DEF The loose soil, silt, sand, gravel, or other unconsolidated material overlying bedrock, either transported or formed in place.

OVERCURRENT
DA April 1975
RT Electric Currents
RT Surges
RT Transients

OVERHAUSER EFFECT
DA January 1975
RT Electron Spin Resonance
RT Nuclei
RT Polarization

OVERHEAD POWER TRANSMISSION
DA August 1976
BT1 Power Transmission
RT Power Transmission Towers

OVERVOLTAGE
DA April 1975
RT Electric Potential
RT Electrical Transients
RT Surges
RT Transients

OVULATION [01]
RT Estrous Cycle
RT Ova
RT Ovaries
RT Reproduction

OWNERSHIP [01]
DA July 1977
RT Legal Aspects
RT Mineral Resources
RT Mineral Rights
RT Public Enterprises
RT Solar Rights

OWR REACTOR [01]
UF *Los Alamos Omega West Reactor*
UF *Omega West Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

OXADIAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
DEF Compounds that contain a five-membered heterocyclic ring containing one oxygen and two nitrogen atoms.

Oxalaldehyde
USE Glyoxal

OXALATES [01]
BT1 Carboxylic Acid Salts
RT Oxalic Acid Esters

OXALIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

OXALIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Oxalates

OXAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Benzoxazoles
NT1 Pemoline
NT1 POPOP
DEF Compounds that contain a five-membered heterocyclic ring containing one nitrogen and one oxygen atom.

Oxidants
DA January 1977
USE Oxidizers

OXIDASES [01]
BT1 Oxidoreductases
BT2 Enzymes
NT1 Cytochrome Oxidase
NT1 Histaminase
NT1 Luciferase
NT1 Tyrosinase
NT1 Uricase

OXIDATION [01]
UF+ *Disproportionation*
BT1 Chemical Reactions
NT1 Combustion
NT2 Fluidized-Bed Combustion
NT2 In-Situ Combustion
NT2 Reverse Combustion
NT2 Spontaneous Combustion
NT1 Roasting
RT Anoxia
RT Antioxidants
RT Corrosion
RT Corrosion Products
RT Oxidizers
RT Redox Potential
RT Redox Reactions
RT Reduction
RT Thiobacillus Ferroxidans
RT Thiobacillus Oxidans

OXIDES [01]
BT1 Chalcogenides
BT1 Oxygen Compounds
NT1 Actinium Oxides
NT1 Aluminium Oxides
NT2 Corundum
NT3 Ruby
NT3 Sapphire
NT2 Spinels
NT1 Americium Oxides
NT1 Antimony Oxides
NT1 Arsenic Oxides
NT2 Hallimondite
NT2 Heinrichite
NT2 Kahlerite
NT2 Kirchheimerite
NT2 Novacekite
NT2 Zeunerite
NT1 Barium Oxides
NT2 Billietite
NT2 Heinrichite
NT1 Berkelium Oxides
NT1 Beryllium Oxides
NT1 Bismuth Oxides
NT1 Boron Oxides
NT1 Bromine Oxides
NT1 Cadmium Oxides
NT1 Calcium Oxides
NT2 Becquerelite
NT2 Ellsworthite
NT2 Melanovanadite
NT2 Pascoite
NT2 Perovskite
NT2 Rauvite
NT2 Tyuyamunite
NT2 Zeunerite
NT1 Californium Oxides
NT1 Carbon Oxides
NT2 Carbon Dioxide
NT2 Carbon Monoxide
NT1 Cerium Oxides
NT2 Cerianite
NT1 Cesium Oxides
NT1 Chlorine Oxides
NT1 Chromium Oxides
NT1 Cobalt Oxides
NT2 Kirchheimerite
NT1 Copper Oxides
NT2 Sengierite
NT1 Curium Oxides
NT1 Dysprosium Oxides
NT1 Einsteinium Oxides
NT1 Erbium Oxides
NT1 Europium Oxides
NT1 Fermium Oxides
NT1 Fluorine Oxides
NT1 Francium Oxides
NT1 Gadolinium Oxides
NT1 Gallium Oxides
NT1 Germanium Oxides
NT1 Gold Oxides
NT1 Hafnium Oxides
NT2 Baddeleyite
NT1 Helium Oxides
NT1 Holmium Oxides
NT1 Indium Oxides
NT1 Iodine Oxides
NT1 Iridium Oxides
NT1 Iron Oxides
NT2 Hematite
NT2 Ilmenite
NT2 Kahlerite
NT2 Limonite

NT2 Magnetite
NT2 Tantalite
NT2 Tapiolite
NT2 Wolframite
NT1 Krypton Oxides
NT1 Lanthanum Oxides
NT1 Lawrencium Oxides
NT1 Lead Oxides
NT2 Curite
NT2 Demesmaekerite
NT2 Hallimondite
NT2 Moctezumite
NT2 Wulfenite
NT1 Lithium Oxides
NT1 Lutetium Oxides
NT1 Magnesium Oxides
NT2 Novacekite
NT2 Spinels
NT1 Manganese Oxides
NT2 Tantalite
NT1 Mendelevium Oxides
NT1 Mercury Oxides
NT1 Molybdenum Oxides
NT2 Iriginite
NT2 Moluranite
NT2 Molybdenum Blue
NT2 Umohoite
NT2 Wulfenite
NT1 Neodymium Oxides
NT1 Neon Oxides
NT1 Neptunium Oxides
NT1 Nickel Oxides
NT1 Niobium Oxides
NT2 Aeschynite
NT2 Ellsworthite
NT2 Hatchettolite
NT2 Lyndochite
NT2 Marignacite
NT2 Tapiolite
NT1 Nitrogen Oxides
NT2 Nitric Oxide
NT2 Nitrogen Dioxide
NT2 Nitrous Oxide
NT1 Nobelium Oxides
NT1 Osmium Oxides
NT1 Palladium Oxides
NT1 Phosphorus Oxides
NT1 Platinum Oxides
NT1 Plutonium Oxides
NT2 Plutonium Dioxide
NT1 Polonium Oxides
NT1 Potassium Oxides
NT2 Clarkeite
NT2 Compreignacite
NT1 Praseodymium Oxides
NT1 Promethium Oxides
NT1 Protactinium Oxides
NT1 Radium Oxides
NT1 Radon Oxides
NT1 Rhenium Oxides
NT1 Rhodium Oxides
NT1 Rubidium Oxides
NT1 Ruthenium Oxides
NT1 Samarium Oxides
NT1 Scandium Oxides
NT1 Selenium Oxides
NT2 Guilleminite
NT1 Silicon Oxides
NT2 Cristobalite
NT2 Quartz
NT2 Silica
NT3 Coesite
NT1 Silver Oxides
NT1 Sodium Oxides
NT2 Clarkeite
NT2 Sodium Tungsten Bronze
NT1 Strontium Oxides
NT1 Sulfur Oxides
NT2 Sulfur Dioxide
NT2 Sulfur Trioxide
NT1 Tantalum Oxides
NT2 Hatchettolite
NT2 Tantalite
NT2 Tapiolite
NT1 Technetium Oxides
NT1 Tellurium Oxides
NT2 Moctezumite
NT1 Terbium Oxides
NT1 Thallium Oxides
NT1 Thorium Oxides
NT2 Aeschynite
NT2 Bastnaesite
NT2 Brannerite
NT2 Cerianite
NT2 Lodochnikite
NT2 Lyndochite
NT2 Naegite
NT2 Thorianite
NT2 Thorotrast
NT2 Uranothorianite
NT1 Thulium Oxides
NT1 Tin Oxides
NT1 Titanium Oxides
NT2 Aeschynite
NT2 Brannerite
NT2 Ilmenite
NT2 Lodochnikite
NT2 Marignacite
NT2 Perovskite
NT2 Rutile
NT1 Tungsten Oxides
NT2 Sodium Tungsten Bronze
NT2 Wolframite
NT1 Uranium Oxides
NT2 Becquerelite
NT2 Billietite
NT2 Brannerite
NT2 Clarkeite
NT2 Compreignacite
NT2 Curite
NT2 Demesmaekerite
NT2 Ferghanite
NT2 Francevillite
NT2 Guilleminite
NT2 Gummite
NT2 Hallimondite
NT2 Hatchettolite
NT2 Heinrichite
NT2 Ianthinite
NT2 Iriginite
NT2 Kahlerite
NT2 Kirchheimerite
NT2 Lodochnikite
NT2 Masuyite
NT2 Moctezumite
NT2 Moluranite
NT2 Naegite
NT2 Novacekite
NT2 Para-Schoepite
NT2 Rauvite
NT2 Schoepite
NT2 Sengierite
NT2 Thorianite
NT2 Tyuyamunite
NT2 Umohoite
NT2 Uranium Black
NT2 Uranium Dioxide
NT2 Uranium Oxides U3O8
NT2 Uranium Trioxide
NT2 Uranothorianite
NT2 Zeunerite
NT1 Vanadium Oxides
NT2 Corvusite
NT2 Ferghanite
NT2 Francevillite
NT2 Melanovanadite
NT2 Pascoite
NT2 Rauvite
NT2 Sengierite
NT2 Tyuyamunite
NT1 Xenon Oxides
NT1 Ytterbium Oxides
NT1 Yttrium Oxides
NT2 Alloy-IN-853
NT1 Zinc Oxides
NT1 Zirconium Oxides
NT2 Baddeleyite
NT2 Marignacite
NT2 Naegite
NT2 Nogizawalite
RT Corrosion Products
RT Oxybromides
RT Oxycarbides
RT Oxychlorides
RT Oxyfluorides
RT Oxygen Additions
RT Oxyiodides
RT Oxynitrates
RT Oxyselenides
RT Oxysulfides
RT Oxytellurides

OXIDIZERS
DA January 1977
UF *Oxidants*
UF *Oxidizing Agents*
RT Antioxidants
RT Oxidation

Oxidizing Agents
DA January 1977
USE Oxidizers

OXIDOREDUCTASES [01]
UF *Reductases*
BT1 Enzymes
NT1 Catalase
NT1 Dehydrogenases
NT2 Diaphorases
NT2 Lactate Dehydrogenase
NT1 Hydrogenase
NT1 Hydroxylase
NT1 Nitrogenases
NT1 Oxidases
NT2 Cytochrome Oxidase
NT2 Histaminase
NT2 Luciferase
NT2 Tyrosinase
NT2 Uricase
NT1 Peroxidases
NT1 Tryptophan Oxygenase
RT Redox Process
RT Reduction
RT Respiration

OXIMES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Benzoinoxime
NT1 Dimethylglyoxime
NT1 Furildioxime
RT Aldehydes
RT Hydroxylamine
RT Ketones

OXINE
DA April 1975
UF *8-Hydroxyquinoline*
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Quinolines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

Oxirans
USE Epoxides

Oxoacetic Acid
USE Glyoxylic Acid

Oxocarboxylic Acids
USE Keto Acids

OXONIUM IONS [01]
UF *Hydronium Ions*
BT1 Molecular Ions
BT2 Ions
BT3 Charged Particles
RT Hydrogen Ions 1 Plus
RT Radiation Chemistry

Oxopropane
USE Acetone

OXY MODIFIED IN-SITU PROCESS (Before March 7, 1977 GARRETT PROCESS was used for this process.)
DA March 1977

UF *Garrett Process*
BT1 Modified In-Situ Processes
RT Oil Shales

OXYBROMIDES [01]
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds
RT Bromides
RT Oxides

OXYCARBIDES
DA June 1976
BT1 Carbon Compounds
BT1 Oxygen Compounds
RT Carbides
RT Oxides

OXYCHLORIDES [01]
BT1 Chlorine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds
RT Chlorides
RT Oxides

OXYFLUORIDES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Fluorine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds
RT Fluorides
RT Oxides

OXYGEN [01]
UF+ *Oxygen Effect (Radiobiology)*
BT1 Cryogenic Fluids
BT2 Fluids
BT1 Nonmetals
BT2 Elements
RT Anoxia
RT Biochemical Oxygen Demand
RT Chemical Oxygen Demand
RT Ozone

OXYGEN 12 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes

OXYGEN 13 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes

OXYGEN 14 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Oxygen Isotopes

OXYGEN 15 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Oxygen Isotopes

OXYGEN 16 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Oxygen 16 Beams
RT Oxygen 16 Reactions

OXYGEN 17 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Oxygen 17 Reactions

OXYGEN 18 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Oxygen 18 Beams
RT Oxygen 18 Reactions

OXYGEN 19 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OXYGEN 20 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OXYGEN 21 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes

OXYGEN 22 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

OXYGEN 23 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes

OXYGEN 24 [01]
DA May 1978
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Osmium Isotopes

OXYGEN 28 [01]
DA March 1979
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Oxygen Isotopes

OXYGEN ADDITIONS [01]
RT Oxides

OXYGEN 16 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Oxygen 16

OXYGEN 18 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Oxygen 18

OXYGEN COMPLEXES [01]
BT1 Complexes

OXYGEN COMPOUNDS [01]
UF+ *Polythionates*
UF+ *Polythionic Acids*
NT1 Aluminates
NT1 Arsenates
NT1 Aurates
*NT1 Borates
NT1 Bromates
*NT1 Carbonates
NT1 Chlorates
NT1 Chromates
NT1 Chromic Acid
NT1 Cuprates
NT1 Ferrates
NT1 Ferrites
NT1 Fluorates
NT1 Germanates
NT1 Hafnates
*NT1 Hydroxides
NT1 Iodates
NT1 Manganates
NT1 Molybdates
NT1 Nickelates
NT1 Niobates
*NT1 Nitrates
*NT1 Oxides
NT1 Oxybromides
NT1 Oxycarbides
NT1 Oxychlorides
NT1 Oxyfluorides
NT1 Oxyiodides
NT1 Oxynitrates
NT1 Oxyselenides
NT1 Oxysulfides
NT1 Oxytellurides
NT1 Perbromates
*NT1 Perchlorates
NT1 Periodates
NT1 Permanganates
NT2 Potassium Permanganates
*NT1 Peroxides
NT1 Perrhenates
NT1 Persulfates
NT1 Pertechnetates
*NT1 Phosphates
NT1 Plumbates
NT1 Pyrophosphates
NT1 Rhenates
NT1 Selenates
NT1 Silicates
NT2 Aluminium Silicates
NT3 Epidotes
NT3 Kaolinite

NT3 Pyrophyllite
NT3 Smectite
NT3 Tourmaline
NT3 Vermiculite
NT2 Barium Silicates
NT2 Berkelium Silicates
NT2 Beryllium Silicates
NT3 Beryl
NT3 Helvite
NT2 Boron Silicates
NT3 Tourmaline
NT2 Cadmium Silicates
NT2 Calcium Silicates
NT3 Andradite
NT3 Epidotes
NT3 Eudialyte
NT3 Ilvaite
NT3 Kainosite
NT3 Lavenite
NT3 Ranquilite
NT3 Uranotile
NT2 Cerium Silicates
NT3 Cerite
NT3 Kainosite
NT3 Yttrialite
NT2 Cesium Silicates
NT2 Chromium Silicates
NT2 Cobalt Silicates
NT2 Copper Silicates
NT3 Cuprosklodowskite
NT2 Europium Silicates
NT2 Gadolinite
NT2 Garnets
NT3 Andradite
NT2 Germanium Silicates
NT2 Hafnium Silicates
NT2 Indium Silicates
NT2 Iron Silicates
NT3 Andradite
NT3 Epidotes
NT3 Eudialyte
NT3 Helvite
NT3 Ilvaite
NT3 Olivines
NT3 Vermiculite
NT2 Lanthanum Silicates
NT2 Lead Silicates
NT3 Alamosite
NT2 Lithium Silicates
NT2 Lutetium Silicates
NT2 Magnesium Silicates
NT3 Enstatite
NT3 Olivines
NT3 Sklodowskite
NT3 Talc
NT3 Vermiculite
NT2 Manganese Silicates
NT3 Helvite
NT2 Molybdenum Silicates
NT2 Neodymium Silicates
NT2 Nickel Silicates
NT2 Niobium Silicates
NT3 Mesodialyte
NT2 Potassium Silicates
NT3 Boltwoodite
NT2 Pyroxenes
NT3 Diopside
NT3 Enstatite
NT3 Hedenbergite
NT2 Radium Silicates
NT2 Rubidium Silicates
NT2 Samarium Silicates
NT2 Scandium Silicates
NT2 Sodium Silicates
NT3 Catapleite
NT3 Elpidite
NT3 Lavenite
NT3 Lovozerite
NT2 Strontium Silicates
NT2 Tantalum Silicates
NT2 Thorium Silicates
NT3 Allanite
NT4 Orthite
NT3 Ekanite
NT3 Freyalite
NT3 Huttonite
NT3 Hydrothorite
NT3 Mackintoshite
NT3 Maitlandite
NT3 Thorite
NT4 Jiningite
NT3 Thorogummite
NT3 Uranothorite
NT3 Yttrialite
NT2 Thulium Silicates
NT2 Titanium Silicates
NT2 Uranium Silicates
NT3 Boltwoodite
NT3 Cuprosklodowskite
NT3 Ekanite
NT3 Mackintoshite
NT3 Ranquilite
NT3 Sklodowskite
NT3 Soddyite
NT3 Uranothorite
NT3 Uranotile
NT2 Vanadium Silicates
NT2 Ytterbium Silicates
NT2 Yttrium Silicates
NT3 Kainosite
NT3 Yttrialite
NT2 Zinc Silicates
NT2 Zirconium Silicates
NT3 Alvite
NT3 Catapleite
NT3 Elpidite
NT3 Eudialyte
NT3 Lavenite
NT3 Lovozerite
NT3 Mesodialyte
NT3 Zircon
NT1 Stannates
NT2 Cadmium Stannates
*NT1 Sulfates
NT1 Sulfites
NT1 Tantalates
NT1 Technetates
NT1 Tellurates
NT1 Titanates
NT2 Cadmium Titanates
NT2 Strontium Titanates
NT1 Vanadates
NT2 Uranium Vanadates
NT3 Carnotite
NT3 Strelkinite
*NT1 Water
NT1 Zirconates
RT Cyanates
RT Hydroxyl Radicals
RT Organic Oxygen Compounds
RT Ozone

Oxygen Effect (Radiobiology)
USE Oxygen
AND Response Modifying Factors

OXYGEN ENHANCEMENT RATIO [01]
UF *OER*
RT Biological Radiation Effects
RT LET
RT Quality Factor
RT RBE
RT Response Modifying Factors

OXYGEN ENRICHMENT
DA July 1979
BT1 Enrichment
RT Fuel-Air Ratio
RT Fuel Systems

Oxygen Fluorides
USE Fluorine Oxides

Oxygen Hydrides
USE Water

OXYGEN IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

OXYGEN ISOTOPES [01]
NT1 Oxygen 12
NT1 Oxygen 13
NT1 Oxygen 14
NT1 Oxygen 15
NT1 Oxygen 16
NT1 Oxygen 17
NT1 Oxygen 18
NT1 Oxygen 19
NT1 Oxygen 20
NT1 Oxygen 21
NT1 Oxygen 22
NT1 Oxygen 23
NT1 Oxygen 28

Oxygen Logs
DA March 1979
USE Neutron-Gamma Logging

OXYGEN METERS [01]
BT1 Measuring Instruments
RT Chemical Analysis

OXYGEN 16 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Oxygen 16

OXYGEN 17 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Oxygen 17

OXYGEN 18 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Oxygen 18

OXYGEN 15 TARGET [01]
DA July 1976
BT1 Targets

OXYGEN 16 TARGET [01]
DA July 1976
BT1 Targets

OXYGEN 17 TARGET [01]
DA July 1976
BT1 Targets

OXYGEN 18 TARGET [01]
DA July 1976
BT1 Targets

OXYIODIDES [01]
BT1 Iodine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds
RT Iodides
RT Oxides

Oxymethylene
USE Formaldehyde

OXYNITRATES
DA January 1975
BT1 Nitrogen Compounds
BT1 Oxygen Compounds
RT Nitrates
RT Oxides

OXYSELENIDES
DA February 1975
BT1 Oxygen Compounds
BT1 Selenium Compounds
RT Oxides
RT Selenides

OXYSULFIDES [01]
BT1 Oxygen Compounds
BT1 Sulfur Compounds
RT Oxides
RT Sulfides

OXYTELLURIDES
DA February 1975
BT1 Oxygen Compounds
BT1 Tellurium Compounds
RT Oxides
RT Tellurides

OXYTETRACYCLINE [01]
UF *Terramycin*
BT1 Tetracyclines
BT2 Antibiotics

BT3 Drugs

OXYTOCIN [01]
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Parturition
RT Uterus

OYSTER CREEK-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Oyster Creek-2 Reactor
USE Forked River-1 Reactor

OYSTERS [01]
BT1 Molluscs
BT2 Aquatic Organisms
BT2 Invertebrates
BT3 Animals
RT Seafood

OZARK REGION
DA March 1978
RT Arkansas
RT Kansas
RT Louisiana
RT Midwest Region
RT Missouri
RT Oklahoma
RT Southwest Region

Ozenji Critical Facility
USE OCF Reactor

OZONE [01]
RT Oxygen
RT Oxygen Compounds

OZONE LAYER
DA May 1979
RT Stratosphere

P1-APPROXIMATION [01]
BT1 Spherical Harmonics Method
RT Boltzmann Equation
RT Perturbation Theory

P2-APPROXIMATION [01]
BT1 Spherical Harmonics Method

P3-APPROXIMATION [01]
BT1 Spherical Harmonics Method
RT Boltzmann Equation
RT Perturbation Theory

P CODES [01]
BT1 Computer Codes

P INVARIANCE [01]
UF *Parity Nonconservation*
UF *Space Reflection*
BT1 Invariance Principles
RT Lee-Yang Theory
RT Parity

P-N Counters
USE Junction Detectors

P-N JUNCTIONS [01]
DA January 1975
BT1 Semiconductor Junctions
BT2 Junctions
RT Semiconductor Materials

P REACTOR [01]
UF *Savannah River Plant P Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Special Production Reactors
BT2 Production Reactors
BT3 Reactors

P STATES [01]
BT1 Energy Levels

P-TYPE CONDUCTORS [01]
BT1 Semiconductor Materials

P WAVES [01]
BT1 Partial Waves
RT Angular Momentum
RT Quantum Mechanics

P Waves (Seismic)
USE Seismic P Waves

PABA [01]
UF *Aminobenzoic Acid-para*
UF *Para-Aminobenzoic Acid*
UF *Vitamin H-1*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Folic Acid
RT Vitamin B Group

Pacemakers
USE Cardiac Pacemakers

Pacific Gas Diablo Canyon-1 Reactor
USE Diablo Canyon-1 Reactor

Pacific Gas Diablo Canyon-2 Reactor
USE Diablo Canyon-2 Reactor

Pacific Islands
DA December 1978
USE Oceania

PACIFIC NORTHWEST REGION
DA July 1978
UF *Region X*
NT1 Alaska
NT1 Idaho
NT2 Raft River Valley
NT1 Oregon
NT1 Washington
NT2 Richland

PACIFIC OCEAN [01]
BT1 Seas
BT2 Surface Waters
NT1 Bering Sea
NT1 Gulf of Alaska
NT1 Gulf of California
NT1 Humboldt Bay
NT1 Puget Sound
NT1 San Francisco Bay
RT Aleutian Islands
RT Fiji
RT Hawaii
RT Kurile Islands
RT Marshall Islands
RT New Hebrides Islands
RT New Zealand
RT Santa Barbara Channel
RT Sequim Bay

PACKAGE REACTORS [01]
BT1 Power Reactors
BT2 Reactors
BT1 Transportable Reactors
BT2 Reactors
DEF Compact power reactors specially designed to simplify shipping assembly.

PACKAGING [01]
RT Containers
RT Packaging Rules
RT Transport

PACKAGING RULES [01]
(Including Labelling.)
DA March 1978
BT1 Regulations
RT Packaging
RT Transport

PACKED BED
DA May 1976
UF *Fixed Bed*
RT Ebullated Bed
RT Fluidized Bed
RT MERC Process

Packing
DA June 1979
USE Stowing

PACKINGS
DA February 1975
UF *Cooling Tower Packing Grids*
NT1 Column Packing
RT Cooling Towers
RT Natural Gas Wells
RT Oil Wells

PADE APPROXIMATION [01]
RT Series Expansion

PADUCAH PLANT [01]
BT1 Gaseous Diffusion Plants
BT2 Isotope Separation Plants
BT3 Industrial Plants
BT3 Nuclear Facilities
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

PAEC
DA October 1977
USE Philippine Atomic Energy Commission

PAH
DA August 1976
USE Polycyclic Aromatic Hydrocarbons

PAIN [01]
BT1 Symptoms
RT Analgesics
RT Anesthesia
RT Nervous System

PAINTS [01]
BT1 Coatings
NT1 Luminous Paints
RT Corrosion Protection
RT Pigments

PAIR PRODUCTION [01]
BT1 Interactions
NT1 Internal Pair Production
RT Bethe-Heitler Theory
RT Electron Pairs
RT Ion Pairs
RT Muon Pairs

PAIR SPECTROMETERS [01]
BT1 Gamma Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

PAIRING ENERGY [01]
BT1 Binding Energy
BT2 Energy

PAIRING INTERACTIONS [01]
BT1 Interactions
RT Generator-Coordinate Method

PAKHRA SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

PAKISTAN [01]
BT1 Asia

Pakistan (East)
DA May 1976
USE Bangladesh

Pakistan Atomic Research Reactor
USE PARR Reactor

PAKS-1 REACTOR [01]
UF *Hungarian Paks-1 Reactor*

BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

PAKS-2 REACTOR [01]
UF *Hungarian Paks-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

PALANQUIN EVENT [01]
BT1 Cratering Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

PALAU [01]
BT1 Gold Base Alloys
BT2 Gold Alloys
BT3 Alloys
BT1 Palladium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

Paleocene Epoch
DA October 1977
USE Tertiary Period

Paleogene Period
DA October 1977
USE Tertiary Period

PALEOMAGNETISM
DA July 1979
BT1 Magnetism
RT Geologic Ages
RT Geomagnetic Field
RT Plate Tectonics

PALEONTOLOGY [01]
RT Age Estimation
RT Biological Evolution
RT Fossils

PALEOZOIC ERA
DA October 1977
BT1 Geologic Ages
NT1 Cambrian Period
NT1 Devonian Period
NT1 Mississippian Period
NT1 Ordovician Period
NT1 Pennsylvanian Period
NT1 Permian Period
NT1 Silurian Period

Palermo Constanza Reactor
USE AGN-201-110 Reactor

PALISADES-1 REACTOR [01]
UF *Consumers Michigan Palisades Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PALLADIUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements

PALLADIUM 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes

PALLADIUM 97 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 98 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 99 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 100 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes

PALLADIUM 101 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes

PALLADIUM 102 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 103 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes

PALLADIUM 104 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 105 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 106 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 107 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PALLADIUM 108 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 109 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 110 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PALLADIUM 111 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 112 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 113 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 114 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Palladium Isotopes

PALLADIUM 115 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PALLADIUM 116 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes

PALLADIUM 117 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PALLADIUM 118 [01]
DA May 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Palladium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Palladium 118 Reactions

PALLADIUM ADDITIONS [01]
BT1 Palladium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

PALLADIUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Palau
NT1 Palladium Additions
NT1 Palladium Base Alloys

PALLADIUM ARSENIDES
DA July 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM BASE ALLOYS [01]
BT1 Palladium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

PALLADIUM BORIDES
DA January 1975
BT1 Borides
BT2 Boron Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM BROMIDES
DA March 1979
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

PALLADIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Palladium Arsenides
NT1 Palladium Borides
NT1 Palladium Bromides
NT1 Palladium Carbides
NT1 Palladium Chlorides
NT1 Palladium Fluorides
NT1 Palladium Hydrides
NT1 Palladium Hydroxides
NT1 Palladium Iodides
NT1 Palladium Nitrates
NT1 Palladium Nitrides
NT1 Palladium Oxides
NT1 Palladium Phosphides
NT1 Palladium Selenides
NT1 Palladium Silicides
NT1 Palladium Sulfides
NT1 Palladium Tellurides

PALLADIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM HYDROXIDES
DA May 1979
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

PALLADIUM ISOTOPES [01]
NT1 Palladium 96
NT1 Palladium 97
NT1 Palladium 98
NT1 Palladium 99
NT1 Palladium 100
NT1 Palladium 101
NT1 Palladium 102
NT1 Palladium 103
NT1 Palladium 104
NT1 Palladium 105

NT1 Palladium 106
NT1 Palladium 107
NT1 Palladium 108
NT1 Palladium 109
NT1 Palladium 110
NT1 Palladium 111
NT1 Palladium 112
NT1 Palladium 113
NT1 Palladium 114
NT1 Palladium 115
NT1 Palladium 116
NT1 Palladium 117
NT1 Palladium 118

PALLADIUM NITRATES [01]
DA October 1978
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM NITRIDES
DA December 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Palladium Compounds
BT2 Transition Element Compounds

PALLADIUM PHOSPHIDES
DA October 1975
BT1 Palladium Compounds
BT2 Transition Element Compounds
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides

PALLADIUM 118 REACTIONS
DA July 1979
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Palladium 118

PALLADIUM SELENIDES
DA March 1976
BT1 Palladium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

PALLADIUM SILICIDES [01]
DA February 1976
BT1 Palladium Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

PALLADIUM SULFIDES [01]
DA January 1975
BT1 Palladium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

PALLADIUM 102 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 104 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 105 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 106 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 107 TARGET [01]
DA November 1977
BT1 Targets

PALLADIUM 108 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 110 TARGET [01]
DA July 1976
BT1 Targets

PALLADIUM 118 TARGET
DA July 1979
BT1 Targets

PALLADIUM TELLURIDES [01]
DA June 1976
BT1 Palladium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Palmitic Acid
USE Hexadecanoic Acid

PALO VERDE-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT CE Standard Reactor

PALO VERDE-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT CE Standard Reactor

PALO VERDE-3 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT CE Standard Reactor

PALO VERDE-4 REACTOR [01]
DA June 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT CE Standard Reactor

PALO VERDE-5 REACTOR [01]
DA June 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT CE Standard Reactor

PAMCO PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Spencer Chemical Company process for direct catalytic conversion of coal to synthetic crude oil by hydrogenation during and after solvent extraction.

PAMPUS STORAGE RING [01]
(Photons for Atomic and Molecular Processes and Universal Studies storage ring facility in Amsterdam.)
DA November 1977
BT1 Storage Rings

PAN [01]
UF *Pyridineazohydroxynaphthalene*
UF *Pyridylazonaphthol*
BT1 Diazo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

PANAMA [01]
BT1 Central America
BT2 Latin America

PANAMA CANAL [01]
BT1 Surface Waters
RT Panama Canal Zone

PANAMA CANAL ZONE [01]
BT1 Central America
BT2 Latin America
RT Panama Canal

PANCREAS [01]
BT1 Digestive System
BT1 Endocrine Glands
BT2 Glands
BT3 Organs
BT4 Body
RT Amylase
RT Chymotrypsin
RT Glucagon
RT Insulin
RT Trypsin

PANINDCO PROCESS
DA February 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Pulverized coal is fed into center of cylinder and surrounded by oxygen-steam or air-steam mixtures. Synthesis gas of 210 or 125 BTU/SCF is produced.

PANOFSKY RATIO [01]
RT Photoproduction

PANTEX PLANT [01]
DA November 1976
BT1 US DOE

BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Texas

PANTOTHENIC ACID [01]
UF *Vitamin B-5*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins
RT Alanine-Beta

PAPAIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes

PAPAVER SOMNIFERUM [01]
BT1 Medicinal Plants
BT2 Plants
RT Morphine

PAPAYAS [01]
BT1 Fruits
BT2 Food

PAPER [01]
RT Dielectric Materials
RT Paper Industry

Paper Chromatography
USE Chromatography

PAPER INDUSTRY
DA January 1977
BT1 Wood Products Industry
BT2 Industry
RT Forestry
RT Paper

PAPP [01]
UF *Aminopropiophenone-para*
BT1 Amines
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

Papua
DA October 1978
USE Papua New Guinea

PAPUA NEW GUINEA
(Prior to October 1978, items were indexed to NEW GUINEA.)
DA October 1978
UF *New guinea*
UF *Papua*
BT1 Asia

Para-Aminobenzoic Acid
USE PABA

PARA-SCHOEPITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Parabanic Acid
USE Imidazoles
AND Organic Oxygen Compounds

PARABIOSIS [01]
BT1 Mosaicism
RT Blood Circulation

PARABOLAS
DA January 1975
BT1 Shape
BT2 Configuration

PARABOLIC COLLECTORS
DA June 1977
BT1 Concentrating Collectors
BT2 Solar Collectors
NT1 Parabolic Dish Collectors
NT1 Parabolic Trough Collectors
RT Parabolic Reflectors

PARABOLIC DISH COLLECTORS
DA October 1978
UF *Circular Point Collectors*
UF *Parabolic Point Collectors*
BT1 Parabolic Collectors
BT2 Concentrating Collectors
BT3 Solar Collectors

Parabolic Point Collectors
DA October 1978
USE Parabolic Dish Collectors

PARABOLIC REFLECTORS
DA January 1975
BT1 Solar Reflectors
BT2 Solar Concentrators
RT Compound Parabolic Concentrators
RT Mirrors
RT Parabolic Collectors
RT Parabolic Trough Collectors
RT Reflection

PARABOLIC TROUGH COLLECTORS
DA October 1978
UF *Cylindrical Parabolic Collectors*
BT1 Parabolic Collectors
BT2 Concentrating Collectors
BT3 Solar Collectors
RT Parabolic Reflectors

PARACHARGE [01]
DA November 1976
BT1 Particle Properties

PARACHUTES
DA April 1975
RT Aerodynamics
RT Reentry

PARADISE STEAM PLANT
DA September 1978
BT1 Fossil-Fuel Power Plants
BT2 Thermal Power Plants
BT3 Power Plants
RT Tennessee Valley Authority

PARAELECTRIC RESONANCE [01]
UF *PER*
BT1 Electric Resonance
BT2 Resonance
DEF Resonant rotation of electric dipoles in ionic crystals.

PARAFFIN [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds
BT1 Waxes
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Shielding Materials

Paraffins
USE Alkanes

Paragenes
DA December 1977
USE Plasmids

PARAGONITE
DA January 1976
BT1 Mica
BT2 Minerals
DEF A yellowish or greenish mineral of the mica group: $NaAl_2(AlSi_3)O_{10}(OH)_2$.

PARAGUAY
DA April 1975
BT1 South America
BT2 Latin America

PARAHO PROCESS
DA May 1975
RT Oil Shales
DEF Heat transfer during the vertical-kiln retorting process is effected by internal combustion of spent shale carbon residue. An alternate method makes use of hot recycle gas, with no combustion in retort.

Paramagnetic Resonance (Electron)
USE Electron Spin Resonance

Paramagnetic Resonance (Nuclear)
USE Nuclear Magnetic Resonance

PARAMAGNETISM [01]
BT1 Magnetism
RT Van Vleck Theory

PARAMECIUM [01]
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms

PARAMETER COMPUTERS [01]
BT1 Digital Computers
BT2 Computers

PARAMETRIC AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment
RT Frequency Converters

PARAMETRIC INSTABILITIES [01]
UF *Nonlinear Plasma Instabilities*
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability
RT Alternating Current
RT Electric Fields

PARAMETRIC OSCILLATORS
DA December 1978
BT1 Oscillators
BT2 Electronic Equipment
RT Optical Equipment

PARASITES [01]
NT1 Ascaridae
NT1 Claviceps
NT1 Fusarium
NT1 Helminths
NT2 Ascaris
NT2 Cestodes
NT3 Hymenolepis
NT2 Trematodes
NT3 Fasciola
NT3 Hymenolepis
NT3 Schistosoma
NT2 Trichinella
NT1 Mildew
NT1 Plasmodium
NT1 Syngamus
NT1 Trypanosoma
NT1 Ustilago
NT1 Viruses
NT2 Bacteriophages
NT2 Influenza Viruses
NT2 Measles Virus
NT2 Oncogenic Viruses
NT3 Adenovirus
NT3 Leukemia Viruses
NT3 Polyoma Virus
NT2 Polio Virus
NT2 Simian Virus
NT2 Tobacco Mosaic Virus
NT2 Vaccinia Virus
RT Babesidae
RT Disease Vectors
RT Filariasis
RT Fungi
RT Hookworm
RT Hydatidosis
RT Insects

RT Microorganisms
RT Mites
RT Nematodes
RT Pest Control
RT Pest Eradication
RT Pesticides
RT Plant Diseases
RT Protozoa
RT Screwworm Fly
RT Sterile Male Technique
RT Trypanosomes

PARASTATISTICS [01]
DA April 1977
RT Bose-Einstein Statistics
RT Fermi Statistics
RT Field Algebra
RT Statistical Mechanics

Parasympathetic Nervous System
USE Autonomic Nervous System

PARASYMPATHOLYTICS [01]
BT1 Drugs
NT1 Atropine
RT Autonomic Nervous System

PARASYMPATHOMIMETICS [01]
BT1 Drugs
NT1 Acetylcholine
NT1 Eserine
NT1 Pilocarpine
RT Autonomic Nervous System
RT Vagus

PARATHION [01]
DA August 1976
BT1 Insecticides
BT2 Pesticides
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Thiophosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds

PARATHORMONE [01]
BT1 Peptide Hormones
BT2 Hormones
RT Bone Tissues
RT Calcium
RT Parathyroid Glands

PARATHYROID GLANDS [01]
BT1 Endocrine Glands
BT2 Glands
BT3 Organs
BT4 Body
RT Calcitonin
RT Neck
RT Parathormone
RT Thyroid

PARATUNKA GEOTHERMAL FIELD
DA April 1975
BT1 Geothermal Fields
RT USSR

PARATYPHOID [01]
BT1 Infectious Diseases
BT2 Diseases
RT Intestines
RT Salmonella

Paris Convention-Third Party Liability
USE PCOTPL

PARITY [01]
BT1 Particle Properties
RT Minami Ambiguity
RT Morrison Rule
RT P Invariance
RT Quantum Numbers

Parity Nonconservation
USE P Invariance

PARKA REACTOR [01]
(LASL critical assembly.)
DA December 1976
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Parr Carolinas CVTR Reactor
USE CVTR Reactor

PARR REACTOR [01]
UF *Islamabad Reactor Pakistan*
UF *Pakistan Atomic Research Reactor*
UF *Rawalpindi Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

PARSONSITE [01]
BT1 Lead Phosphates
BT2 Lead Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Parthenogenesis
USE Reproduction

PARTIAL BODY IRRADIATION [01]
UF *Shielded Organs*
BT1 External Irradiation
BT2 Irradiation
RT Abscopal Radiation Effects
RT Body Areas
RT Local Irradiation
RT Spatial Dose Distributions

Partial Conservation Axial Currents
USE PCAC Theory

Partial Conservation Vector Current
USE PCVC Theory

PARTIAL MOLAL VOLUME
DA September 1975
RT Thermodynamic Properties
DEF Partial molal volume is the change in volume of a solution which would be brought about by the addition of one mole of solute to such a large amount of solution that the composition of the solution remains essentially unchanged.

PARTIAL OXIDATION PROCESSES
DA January 1975
BT1 Chemical Reactions
BT1 Thermochemical Processes
RT Hydrocarbons
RT Hydrogen Production
RT Shell Gasification Process
DEF Partial oxidation of hydrocarbons for hydrogen production.

PARTIAL WAVES [01]
NT1 D Waves
NT1 F Waves
NT1 P Waves
NT1 S Waves
RT Angular Momentum
RT CDD Poles
RT Dispersion Relations
RT Linear Absorption Models
RT N-D Method
RT Omnes-Muskhelishvili Method
RT Phase Shift
RT Quantum Mechanics
RT Scattering
RT Scattering Amplitudes

PARTICLE BEAMS [01]
BT1 Beams
NT1 Hyperon Beams
NT2 Lambda Particle Beams
NT2 Omega Particle Beams
NT2 Sigma Particle Beams
NT2 Xi Particle Beams
NT1 Lepton Beams
NT2 Electron Beams
NT2 Muon Beams
NT2 Neutrino Beams
NT2 Positron Beams
NT1 Meson Beams
NT2 Eta Meson Beams
NT2 Kaon Beams
NT2 Pion Beams
NT1 Nucleon Beams
NT2 Neutron Beams
NT2 Proton Beams
NT1 Secondary Beams
RT Beam Neutralization
RT Ion Beams
RT Photon Beams
RT Pomeranchuk Theorem
RT Q-Shift

PARTICLE BOOSTERS [01]
(First stage of a multistage accelerator.)
UF *Boosters (Particle)*
RT Accelerators
RT Beam Injection

PARTICLE-CORE MODEL
DA April 1975
BT1 Nuclear Models
BT2 Mathematical Models

PARTICLE DECAY [01]
BT1 Decay
NT1 Electromagnetic Particle Decay
NT2 Radiative Decay
NT1 Hadronic Particle Decay
NT1 Weak Particle Decay
NT2 Leptonic Decay
NT2 Radiative Decay
NT2 Semileptonic Decay
NT2 Weak Hadronic Decay

PARTICLE DISCRIMINATION [01]
(Particle or radiation discrimination in a mixed field.)
BT1 Particle Identification
RT Measuring Methods
RT Radiation Detection
RT Resolution

PARTICLE-HOLE MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Aligned Coupling Scheme
RT Weak-Coupling Model

PARTICLE IDENTIFICATION [01]
NT1 Particle Discrimination
NT1 Time Projection Chambers

Particle-induced X-Ray Emission Analysis
DA August 1978
USE X-Ray Emission Analysis

PARTICLE INTERACTIONS [01]
BT1 Interactions
NT1 Charged-Current Interactions
NT1 Exclusive Interactions
NT1 Hadron-Hadron Interactions
NT2 Baryon-Baryon Interactions
NT3 Hyperon-Hyperon Interactions
NT3 Nucleon-Antinucleon Interactions
NT4 Antiproton-Neutron Interactions
NT4 Neutron-Antineutron Interactions
NT4 Proton-Antineutron Interactions

NT4 Proton-Antiproton Interactions
NT3 Nucleon-Deuteron Interactions
NT4 Antineutron-Deuteron Interactions
NT4 Antiproton-Deuteron Interactions
NT4 Neutron-Deuteron Interactions
NT4 Proton-Deuteron Interactions
NT3 Nucleon-Hyperon Interactions
NT3 Nucleon-Nucleon Interactions
NT4 Neutron-Neutron Interactions
NT4 Proton-Nucleon Interactions
NT5 Proton-Neutron Interactions
NT5 Proton-Proton Interactions
NT2 Meson-Baryon Interactions
NT3 Kaon-Deuteron Interactions
NT3 Meson-Hyperon Interactions
NT4 Kaon-Hyperon Interactions
NT4 Pion-Hyperon Interactions
NT3 Meson-Nucleon Interactions
NT4 Kaon-Nucleon Interactions
NT5 Kaon-Neutron Interactions
NT6 Kaon Minus-Neutron Interactions
NT6 Kaon Neutral-Neutron Interactions
NT6 Kaon Plus-Neutron Interactions
NT5 Kaon-Proton Interactions
NT6 Kaon Minus-Proton Interactions
NT6 Kaon Neutral-Proton Interactions
NT6 Kaon Plus-Proton Interactions
NT4 Pion-Nucleon Interactions
NT5 Pion-Neutron Interactions
NT6 Pion Minus-Neutron Interactions
NT6 Pion Neutral-Neutron Interactions
NT6 Pion Plus-Neutron Interactions
NT5 Pion-Proton Interactions
NT6 Pion Minus-Proton Interactions
NT6 Pion Neutral-Proton Interactions
NT6 Pion Plus-Proton Interactions
NT3 Pion-Deuteron Interactions
NT2 Meson-Meson Interactions
NT3 Kaon-Kaon Interactions
NT3 Pion-Kaon Interactions
NT3 Pion-Pion Interactions
NT1 Inclusive Interactions
NT2 Semi-inclusive Interactions
NT1 Lepton-Hadron Interactions
NT2 Lepton-Baryon Interactions
NT3 Electron-Deuteron Interactions
NT3 Lepton-Hyperon Interactions
NT3 Lepton-Nucleon Interactions
NT4 Antilepton-Neutron Interactions
NT5 Antineutrino-Neutron Interactions
NT4 Deep Inelastic Scattering
NT4 Electron-Nucleon Interactions
NT5 Electron-Neutron Interactions
NT5 Electron-Proton Interactions
NT4 Lepton-Neutron Interactions
NT4 Lepton-Proton Interactions
NT5 Antilepton-Proton Interactions
NT6 Antineutrino-Proton Interactions
NT4 Muon-Nucleon Interactions
NT5 Muon-Neutron Interactions
NT5 Muon-Proton Interactions
NT4 Neutrino-Nucleon Interactions
NT5 Antineutrino-Nucleon Interactions
NT6 Antineutrino-Neutron Interactions
NT6 Antineutrino-Proton Interactions
NT5 Neutrino-Neutron Interactions
NT6 Antineutrino-Neutron Interactions
NT5 Neutrino-Proton Interactions
NT6 Antineutrino-Proton Interactions
NT3 Muon-Deuteron Interactions
NT3 Neutrino-Deuteron Interactions
NT2 Lepton-Meson Interactions
NT3 Electron-Meson Interactions
NT4 Electron-Pion Interactions
NT3 Muon-Meson Interactions
NT4 Muon-Pion Interactions
NT3 Neutrino-Meson Interactions
NT1 Lepton-Lepton Interactions
NT2 Electron-Electron Interactions
NT2 Electron-Muon Interactions
NT2 Electron-Positron Interactions
NT2 Muon-Muon Interactions
NT2 Neutrino-Electron Interactions
NT3 Antineutrino-Electron Interactions
NT2 Neutrino-Muon Interactions
NT2 Neutrino-Neutrino Interactions
NT1 Neutral-Current Interactions
NT1 Particle Production
NT2 Coherent Production
NT2 Electroproduction
NT2 Incoherent Production
NT2 Leading Particles
NT2 Multiple Production
NT3 Pionization
NT2 Photoproduction
NT3 Primakoff Effect
NT1 Photon-Hadron Interactions
NT2 Photon-Baryon Interactions
NT3 Photon-Hyperon Interactions
NT3 Photon-Nucleon Interactions
NT4 Photon-Neutron Interactions
NT4 Photon-Proton Interactions
NT2 Photon-Deuteron Interactions
NT2 Photon-Meson Interactions
NT1 Photon-Lepton Interactions
NT2 Photon-Electron Interactions
NT2 Photon-Muon Interactions
NT2 Photon-Neutrino Interactions
NT1 Photon-Photon Interactions
NT1 Quark-Antiquark Interactions
NT1 Quark-Hadron Interactions
NT1 Quark-Quark Interactions
RT Centauro-Type Events
RT Coherent Tube Model
RT Four Momentum Transfer
RT Longitudinal Momentum
RT Morrison Rule
RT Particle Kinematics
RT Polarized Products
RT S Channel
RT String Models
RT T Channel
RT Transverse Momentum
RT U Channel

PARTICLE KINEMATICS [01]
UF *Kinematics (Particle)*
RT Angular Correlation
RT Collisions
RT Conservation Laws
RT Decay
RT Distribution
RT Particle Interactions
RT Particle Rapidity

PARTICLE MOBILITY [01]
BT1 Mobility
NT1 Electron Mobility
NT1 Ion Mobility

PARTICLE MODELS [01]
UF *Models (Particle)*
BT1 Mathematical Models
NT1 Coherent Tube Model
NT1 Composite Models
NT2 Bootstrap Model
NT2 CIM Model
NT2 Parton Model
NT2 Quark Model
NT3 Bag Model
NT3 Color Model
NT3 Flavor Model
NT3 String Models
NT1 Correlated-Particle Models
NT1 Diffraction Models
NT1 Dual Absorption Model
NT1 Extended Particle Model
NT2 Bag Model
NT2 String Models
NT1 Feynman Gas Model
NT1 Fireball Model
NT1 Gluon Model
NT1 Hard Collision Models
NT1 Higgs Model
NT1 Isobar Model
NT1 Jet Model
NT1 Lee Model
NT1 Linear Absorption Models
NT1 Nova Model
NT1 Octet Model
NT1 Peripheral Models
NT2 Baryon-Exchange Models
NT2 Boson-Exchange Models
NT3 Obe Model
NT4 Ope Model
NT5 Electric Born Model
NT2 Multiperipheral Model
NT3 Cluster Emission Model
NT4 Space-Time Model
NT1 Sigma Model
NT1 Strong-Coupling Model
NT1 Tensor Dominance Model
NT1 Thermodynamic Model
NT2 Hydrodynamic Model
NT1 Uncorrelated-Particle Model
NT1 Unified Gauge Models
NT2 Weinberg Lepton Model
NT2 Weinberg-Salam Gauge Model
NT1 Van Hove Model
NT1 Vector Dominance Model
NT1 Veneziano Model
NT2 Dual Resonance Model
RT Harmonic Oscillator Models
RT Limiting Fragmentation
RT Optical Models
RT Particle Multiplets
RT Particle Structure
RT Statistical Models
RT Structure Functions
RT Urbaryons

PARTICLE MULTIPLETS [01]
BT1 Multiplets
NT1 Baryon Decuplets
NT1 Baryon Octets
NT1 Meson Nonets
NT1 Meson Octets
RT Okubo Mass Formula
RT Particle Models
RT Spectra

PARTICLE PRODUCTION [01]
BT1 Particle Interactions
BT2 Interactions
NT1 Coherent Production
NT1 Electroproduction
NT1 Incoherent Production
NT1 Leading Particles
NT1 Multiple Production
NT2 Pionization
NT1 Photoproduction
NT2 Primakoff Effect
RT Blankenbecler-Sugar Equations
RT Mixing Ratio

PARTICLE PROPERTIES [01]
(Use only for data compilations or papers of a similar broad nature; otherwise use the specific terms listed below.)
NT1 Chirality
NT1 Form Factors
NT2 Dirac Form Factors
NT2 Electromagnetic Form Factors
NT2 Pauli Form Factors
NT1 G Parity
NT1 Helicity
NT1 Hypercharge
NT1 Isospin
NT1 Mass Difference
NT1 Paracharge
NT1 Parity
NT1 Particle Radii

NT1 Particle Rapidity
NT1 Particle Widths
NT1 Spin
NT1 Strangeness
RT Lifetime
RT Limiting Values
RT Quantum Numbers
RT Spin Orientation

PARTICLE RADII [01]
(For quantum objects only; otherwise use PARTICLE SIZE.)
UF *Charge Radius (Particle)*
UF *Mass Radius (Particle)*
BT1 Particle Properties
RT Nuclear Radii
RT Particle Structure

PARTICLE RAPIDITY [01]
DA June 1975
BT1 Particle Properties
RT Kinetic Energy
RT Longitudinal Momentum
RT Particle Kinematics
RT Scale Invariance
DEF (1/2)ln(E+P)/(E-P); widely used in high energy physics.

PARTICLE RESUSPENSION [01]
DA July 1976
UF *Resuspension*
BT1 Particles
RT Aerodynamics
RT Aerosols
RT Air Pollution
RT Chemical Effluents
RT Diffusion
RT Dispersions
RT Dusts
RT Earth Crust
RT Radioactive Aerosols
RT Radioactive Effluents
RT Radionuclide Migration
RT Surface Air

PARTICLE SIZE [01]
BT1 Size
RT Aerosols
RT Agglomeration
RT Ceramography
RT Colloids
RT Dispersions
RT Droplets
RT Dusts
RT Elutriation
RT Microspheres
RT Particle Size Classifiers
RT Particles
RT Powders

PARTICLE SIZE CLASSIFIERS
DA March 1977
BT1 Equipment
RT Classification
RT Particle Size
RT Screens
RT Separation Processes
RT Sorting

PARTICLE SOURCES [01]
BT1 Radiation Sources
NT1 Alpha Sources
NT1 Beta Sources
NT1 Deuteron Sources
NT1 Electron Sources
NT2 Pierce Electron Guns
NT1 Neutron Sources
NT2 ING Linac
NT2 Nisus Facility
NT1 Positron Sources
NT1 Proton Sources
RT Ion Sources

PARTICLE STRUCTURE [01]
RT Bach-Tamaid Theory
RT Landau Quasi Particles
RT Particle Models
RT Particle Radii
RT String Models
RT Structure Functions
RT Urbaryons

PARTICLE TRACKS [01]
UF *Prongs*
UF *Tracks*
NT1 Fission Tracks
RT Dielectric Track Detectors
RT Image Scanners
RT Particles
RT Trajectories

PARTICLE WIDTHS [01]
BT1 Particle Properties
RT Lifetime

PARTICLES [01]
(When appropriate use more specific terms listed under CHARGED PARTICLES, ELEMENTARY PARTICLES, and QUASI PARTICLES.)
UF *Fragments (Particles)*
UF+ *Airborne Particulates*
UF+ *Fallout Particulates*
UF+ *Radioactive Particulates*
NT1 Blowoff
NT1 Droplets
NT1 Interstellar Grains
NT1 Neutral Particles
NT1 Particle Resuspension
RT Aerosols
RT Colloids
RT Condensation Nuclei
RT Dispersions
RT Dusts
RT Elutriation
RT Micellar Systems
RT Particle Size
RT Particle Tracks
RT Powders
RT Sedimentation
RT Virial Theorem
RT Viruses

Particles (Fuel)
USE Fuel Particles

PARTITION [01]
(Not to be used in connection with ion exchange or ion exchange chromatography.)
RT Arrhenius Equation
RT Equilibrium
RT Extraction Chromatography
RT Gas Chromatography
RT Solvent Extraction

Partition Chromatography
USE Chromatography

PARTITION FUNCTIONS [01]
BT1 Functions
RT Statistical Mechanics
RT Thermodynamics

PARTON MODEL [01]
BT1 Composite Models
BT2 Particle Models
BT3 Mathematical Models
RT Deep Inelastic Scattering

PARTURITION [01]
UF *Birth*
RT Oxytocin
RT Pregnancy
RT Progeny

PAS [01]
UF *Aminosalicylic Acid-para*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Drugs
RT Salicylic Acid
RT Tuberculosis

PASCHEN-BACK EFFECT [01]
RT Fine Structure
RT Zeeman Effect

Paschen Curve
USE Paschen Law

PASCHEN LAW [01]
UF *Paschen Curve*
UF *Paschen Minimum*
RT Breakdown
RT Electric Discharges
RT Electric Potential
RT Gases
RT Spark Gaps

PASCHEN LINES [01]
RT Spectra

Paschen Minimum
USE Paschen Law

PASCOITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

PASSAMAQUODDY POWER PLANT
DA November 1975
BT1 Tidal Power Plants
BT2 Power Plants

Passengers
DA April 1978
USE Occupants

PASSIVATION [01]
RT Corrosion Protection

Passive Heat Gain
DA February 1979
USE Heat Gain

PASSIVE SOLAR COOLING SYSTEMS
DA July 1977
BT1 Solar Cooling Systems
NT1 Bead Walls
NT1 Drum Walls
NT1 Roof Ponds
RT Curtains

PASSIVE SOLAR HEATING SYSTEMS
DA July 1977
BT1 Solar Heating Systems
BT2 Heating Systems
NT1 Bead Walls
NT1 Drum Walls
NT1 Roof Ponds
NT1 Thermic Diode Solar Panels
NT1 Trombe Walls
RT Attached Greenhouses
RT Curtains
RT Solar Air Heaters

PASSIVITY [01]
RT Corrosion
RT Corrosion Resistance

PASTEURIZATION [01]
NT1 Radiopasteurization
RT Preservation
RT Sterilization

PASTURES
DA May 1979
RT Cattle
RT Forage
RT Grass
RT Rangelands

PAT REACTOR
DA June 1975
UF *Prototype a Terre*
BT1 Enriched Uranium Reactors
BT2 Reactors

BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
DEF Land-based submarine protype reactor.

PATENT LAWS
DA March 1978
BT1 Laws

PATENTS [01]
(Use only for items about patents, not for items which are patents.)
BT1 Document Types
RT Legal Aspects
RT Licensing
RT Specifications

PATGAS PROCESS
DA October 1976
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF Coal gasification process to produce a fuel gas containing 36% H_2 and 64% CO at 1000 psig and 100°F.

PATHE GEOTHERMAL FIELD
DA April 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT Mexico

PATHFINDER REACTOR [01]
UF *Sioux Falls Pathfinder Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PATHOGENESIS [01]
NT1 Carcinogenesis
NT2 Leukemogenesis

PATHOGENS
DA May 1979
RT Fungi
RT Microorganisms
DEF A disease-producing agent, usually refers to living organisms.

PATHOLOGICAL CHANGES [01]
BT1 Diseases
NT1 Allergy
NT1 Ascites
NT1 Atrophy
NT1 Biological Shock
NT1 Caries
NT1 Edema
NT1 Fibrosis
NT1 Fistulae
NT1 Granulomas
NT1 Hemolysis
NT1 Hemorrhage
NT1 Hypertrophy
NT1 Inflammation
NT2 Abscesses
NT1 Jaundice
NT1 Leukopenia
NT2 Lymphopenia
NT1 Malformations
NT2 Congenital Malformations
NT3 Downs Syndrome
NT1 Necrosis
NT2 Gangrene
NT2 Osteoradionecrosis
NT1 Splenomegaly
NT1 Ulcers
RT Pathology

PATHOLOGY [01]
RT Autopsy
RT Diseases
RT Medicine
RT Pathological Changes

PATIENTS [01]
RT Human Populations
RT Man
RT Medicine
RT Therapy

PATTERN RECOGNITION [01]
DA December 1975
UF+ *Fingerprinting (Oil Spills)*
UF+ *Oil Spill Fingerprinting*
RT Images
RT Oil Spills

PATTERSON METHOD [01]
RT Crystallography
RT Diffraction Methods

Pauli Exclusion Principle
USE Pauli Principle

PAULI FORM FACTORS [01]
BT1 Form Factors
BT2 Particle Properties

Pauli Matrices
USE Pauli Spin Operators

PAULI PRINCIPLE [01]
UF *Exclusion Principle*
UF *Pauli Exclusion Principle*
RT Occupation Number
RT Quantum Mechanics

PAULI SPIN OPERATORS [01]
UF *Pauli Matrices*
BT1 Angular Momentum Operators
BT2 Quantum Operators
BT3 Mathematical Operators
RT Spin

PAUZHETSK GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT USSR

PAVEMENTS
DA June 1978
RT Building Materials
RT Roads

Pawling Research Reactor
USE PRR Reactor

PAYBACK PERIOD
DA March 1978
RT Cost
RT Economics
RT Investment
RT Life-Cycle Cost
DEF Time for the initial capital invested to construct a system to equate with the cumulated utility energy costs that are saved by the installation.

PBF REACTOR [01]
UF *National Reactor Testing Station Burst Facility*
UF *Power Burst Facility USAEC*
BT1 Pulsed Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors

PBI [01]
UF *Protein-Bound Iodine*
BT1 CPB
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Proteins
BT2 Organic Compounds
RT Blood-Plasma Clearance
RT Thyroid Hormones

PBR REACTOR [01]
UF *NASA-Test Reactor*
UF *NASA-TR Reactor*
UF *Plum Brook NASA-TR*
UF *Plum Brook Reactor Facility*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

PCA
USE Polar-Cap Absorption

PCA-LASL Facility
DA April 1977
USE Plasma Core Assembly

PCA-ORNL Reactor
USE ORNL-PCA Reactor

PCAC THEORY [01]
UF *Partial Conservation Axial Currents*
RT Axial-Vector Currents
RT Current Algebra

PCB (Polychlorinated Biphenyl)
USE Aromatics
AND Organic Chlorine Compounds

PCM Accidents
DA January 1975
USE Power-Cooling-Mismatch Accidents

PCOTPL [01]
(Paris Convention on Third Party Liability)
UF *Liability Conv on Third Party, Paris*
UF *Paris Convention-Third Party Liability*
BT1 International Agreements
BT2 Agreements
RT BCSTPC
RT Civil Liability

PCTR REACTOR [01]
UF *Physical Constants Test Reactor*
UF *Richland Physical Constants Test Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PCV SYSTEMS
DA March 1979
UF *Positive Crankcase Ventilation Systems*
BT1 Pollution Control Equipment
BT2 Equipment
RT Automobiles
RT Internal Combustion Engines

PCVC THEORY [01]
UF *Partial Conservation Vector Current*
RT Current Algebra
RT Vector Currents

PDP COMPUTERS [01]
BT1 Computers

PDP REACTOR [01]
UF *Process Development Pile*

UF *Savannah River Process Development Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Natural Uranium Reactors

PDU
DA November 1976
USE Process Development Units

PDX DEVICES [01]
DA November 1977
UF *Poloridal Divertor Experiment*
BT1 Divertors
RT Tokamak Type Reactors

Pea Plant
USE Pisum

PEACE RIVER
DA November 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Alberta
RT British Columbia

PEACE RIVER DEPOSIT
DA April 1975
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Alberta
RT Canada
RT Oil Sands

PEACH BOTTOM-1 REACTOR [01]
UF *HTGR Peach Bottom Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PEACH BOTTOM-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PEACH BOTTOM-3 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PEACHES [01]
BT1 Fruits
BT2 Food

PEAK-LOAD PRICING
DA March 1976
UF *Time-of-day Pricing*
BT1 Prices
RT Electric Power
RT Load Management
RT Off-peak Power
RT Power Meters
RT Public Utilities

PEAKING POWER PLANTS
DA February 1979
BT1 Power Plants
NT1 Compressed Air Storage Power Plants
NT1 Pumped Storage Power Plants
RT Capacitive Energy Storage Equipment
RT Compressed Air Energy Storage Equipment
RT Hydroelectric Power Plants
RT Magnetic Energy Storage Equipment
RT Off-Peak Energy Storage
RT Thermal Energy Storage Equipment
RT Thermal Power Plants

PEAKS [01]
NT1 Escape Peaks
RT Pulse Rise Time
RT Transients

PEANUT OIL [01]
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds

PEANUTS [01]
UF *Groundnuts*
BT1 Seeds
RT Leguminosae
RT Proteins

Pearl Pulsations
USE Pulsations

Pearl Spar
DA March 1976
USE Dolomite

PEARLITE [01]
RT Cast Iron
RT Cementite
RT Ferrite
RT Steels
DEF An aggregate in steel of ferrite and cementite.

PEARS [01]
BT1 Fruits
BT2 Food

PEAS [01]
BT1 Vegetables
BT2 Food
RT Pisum

PEAT [01]
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
RT Coal

PEATGAS PROCESS
DA August 1978
BT1 SNG Processes
RT Gasification
DEF Dilute-phase, cocurrent short-residence time hydrogasification and fluidized-bed, nonslagging char gasification.

PEBBLE BED REACTORS [01]
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
NT1 AVR Reactor
NT1 THTR-300 Reactor

PEBBLE SPRINGS-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PEBBLE SPRINGS-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PEC BRASIMONE REACTOR [01]
UF *Brasimone PEC Reactor*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors

PECAN TREES
DA May 1979
BT1 Trees
BT2 Plants

PECTINS [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Galacturonic Acid
RT Glucuronic Acid

Peculiar A-Stars
USE Magnetic Stars

PEDIATRICS [01]
BT1 Medicine
RT Children
RT Congenital Malformations

Peening
USE Shot Peening

Pegase Critical Experiments
USE Peggy Reactor

PEGASE REACTOR [01]
UF *Cadarache Fuel Element Testing Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

PEGGY REACTOR [01]
UF *Pegase Critical Experiments*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors

BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PEGMATITES [01]
BT1 Igneous Rocks
BT2 Rocks
DEF Exceptionally coarse grained igneous rock, with interlocking crystals, usually found as irregular dikes, lenses, or veins, esp. at the margins of batholiths.

PEIERLS METHOD [01]
UF *Kapur-Peierls Method*
UF *Wigner Method*
RT Bremsstrahlung
RT Compound Nuclei
RT Cross Sections
RT Photoneutrons

PEIERLS-NABARRO FORCE [01]
RT Crystal Structure
RT Dislocations

Pelargonic Acid
USE Nonanoic Acid

PELINDUNA REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PELLETIZING
DA October 1975
BT1 Molding
BT2 Fabrication
RT Agglomeration
RT Briquetting
RT Compacting

PELLETRONS
DA August 1979
BT1 Electrostatic Accelerators
BT2 Accelerators
RT Tandem Electrostatic Accelerators
DEF Electrostatic accelerators charged inductively using a chain of metal beads.

PELLETS
DA October 1976
NT1 Fuel Pellets
NT1 Moderator Pellets

Pellets (Breeding)
DA August 1976
USE Breeding Pellets

Pellets (Fuel)
USE Fuel Pellets

PELLICULARIA
DA August 1979
BT1 Fungi
BT2 Plants
RT Enzymatic Hydrolysis
DEF Cellulase-producing fungus

PELVIS [01]
BT1 Body Areas
BT2 Body
RT Bladder
RT Female Genitals
RT Gonads
RT Rectum

PEMOLINE [01]
BT1 Imines
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Oxazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

Penalties
DA July 1979
USE Charges

PENDULUMS
DA February 1976
RT Time Measurement

PENELEC PROCESS
DA April 1975
RT Desulfurization
DEF A process for desulfurization of flue gas using V catalyst to oxidize SO_2 to SO_3.

Penetrant Inspection (Liquid)
USE Liquid Penetrant Inspection

PENETRATION DEPTH [01]
DA June 1975
RT Superconductivity
DEF Depth to which an external magnetic field penetrates a superconductor.

PENETRATORS
DA October 1975
NT1 Earth Penetrators
RT Weapons

PENETROMETERS
DA January 1975
BT1 Measuring Instruments

PENFOLD-LEISS METHOD [01]
RT Bremsstrahlung

PENICILLAMINE [01]
UF *Mercaptoaminoisovaleric Acid*
UF *Mercaptovaline*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

PENICILLIN [01]
BT1 Antibiotics
BT2 Drugs

PENICILLIUM [01]
BT1 Fungi
BT2 Plants

PENNING DISCHARGES [01]
UF *Pig Discharges*
BT1 Electric Discharges
RT Penning Ion Sources
RT Sputter-Ion Pumps

PENNING EFFECT [01]
RT Ionization

Penning Gages
USE Philips Gages

PENNING ION SOURCES [01]
UF *Pig Ion Sources*
BT1 Ion Sources
RT Penning Discharges

PENNSYLVANIA [01]
BT1 Central Region
BT1 USA
BT2 North America
NT1 Pittsburgh
RT Allegheny River
RT Delaware River
RT Monongahela River Basin
RT Ohio River
RT Susquehanna River

Pennsylvania State University Research Reactor
USE PSTR Reactor

PENNSYLVANIAN PERIOD
DA October 1977
SF *Appalachian Orogeny*
SF *Carboniferous Period*
BT1 Paleozoic Era
BT2 Geologic Ages

Penrose Twistor Theory
DA August 1975
USE Twistor Theory

PENSTOCKS
DA March 1976
BT1 Pipes
RT Hydraulics
RT Hydroelectric Power Plants

PENTACYN
DA April 1978
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors

PENTADIENES
DA April 1975
BT1 Dienes
BT2 Polyenes
BT3 Hydrocarbons
BT4 Organic Compounds

Pentaerythritol Tetranitrate
USE PETN

Pentamethylenediamine
USE Cadaverine

Pentamethyleneimines
USE Piperidines

PENTANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

2-3-PENTANEDIONE [01]
UF *Acetyl Propionyl*
UF *Methyl Ethyl Diketone*
BT1 Ketones
BT2 Organic Compounds

2,4-Pentanedione
USE Acetylacetone

Pentanoic Acid
USE Valeric Acid

PENTANOLS [01]
UF *Amyl Alcohols*
UF *Pentyl Alcohols*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

PENTENES [01]
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds

Pentobarbital
USE Nembutal

PENTOSES [01]
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
NT1 Arabinose
NT1 Deoxyribose
NT1 Ribose
NT1 Ribulose
NT1 Xylose
RT Ribosides

Pentothal
USE Thiopental

Pentyl Alcohols
USE Pentanols

PENTYL RADICALS [01]
UF *Amyl Radicals*
BT1 Alkyl Radicals
BT2 Radicals

Peoples Republic of China
DA November 1977
USE China

PEP STORAGE RINGS [01]
UF *Positron-Electron-Proton Storage Ring*
BT1 Storage Rings
NT1 EPIC Storage Ring

PEPPERS [01]
(Fruit of Capsicum plant.)
BT1 Vegetables
BT2 Food
RT Capsicum

PEPR Devices
USE Cathode Ray Tube Digitizers

PEPSIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Digestion
RT Stomach

PEPTIDE HORMONES [01]
DA June 1975
BT1 Hormones
NT1 Calcitonin
NT1 Gastrin
NT1 Glucagon
NT1 Insulin
NT1 Parathormone
NT1 Pituitary Hormones
NT2 ACTH
NT2 Gonadotropins
NT3 FSH
NT3 HCG
NT3 LH
NT3 LTH
NT2 LH-RH
NT2 Oxytocin
NT2 STH
NT2 TSH
NT2 Vasopressin
NT1 Thyroid Hormones
NT2 Thyrocalcitonin
NT2 Thyroxine
NT2 Triiodothyronine
NT1 Thyronine
NT1 TRH

PEPTIDE HYDROLASES [01]
BT1 Hydrolases
BT2 Enzymes
NT1 Carboxypeptidase
NT1 Cathepsins
NT1 Chymotrypsin
NT1 Fibrinolysin
NT1 Kallikrein
NT1 Papain
NT1 Pepsin
NT1 Renin
NT1 Streptokinase
NT1 Thrombin
NT1 Trypsin
NT1 Urokinase
RT Proteolysis

PEPTIDES [01]
BT1 Proteins
BT2 Organic Compounds
NT1 Kinins
NT2 Bradykinin
NT1 Polypeptides
NT2 Calcitonin
NT2 Enkephalins
NT2 Gastrin
NT2 Glucagon
NT2 Glutathione
RT Glycylglycine
RT Pyrogens

PEPTONE [01]
BT1 Proteins
BT2 Organic Compounds

PER
USE Paraelectric Resonance

Peratization Procedure
USE Feinberg-Pais Theory

PERBROMATES [01]
DA September 1975
BT1 Bromine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

PERCHLORATES [01]
BT1 Chlorine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds
NT1 Americium Perchlorates
NT1 Ammonium Perchlorates
NT1 Barium Perchlorates
NT1 Cadmium Perchlorates
NT1 Calcium Perchlorates
NT1 Cerium Perchlorates
NT1 Cesium Perchlorates
NT1 Chromium Perchlorates
NT1 Cobalt Perchlorates
NT1 Copper Perchlorates
NT1 Dysprosium Perchlorates
NT1 Erbium Perchlorates
NT1 Europium Perchlorates
NT1 Gadolinium Perchlorates
NT1 Holmium Perchlorates
NT1 Indium Perchlorates
NT1 Lanthanum Perchlorates
NT1 Lead Perchlorates
NT1 Lithium Perchlorates
NT1 Lutetium Perchlorates
NT1 Magnesium Perchlorates
NT1 Manganese Perchlorates
NT1 Mercury Perchlorates
NT1 Neodymium Perchlorates
NT1 Neptunium Perchlorates
NT1 Plutonium Perchlorates
NT1 Potassium Perchlorates
NT1 Praseodymium Perchlorates
NT1 Rubidium Perchlorates
NT1 Samarium Perchlorates
NT1 Scandium Perchlorates
NT1 Silver Perchlorates
NT1 Sodium Perchlorates
NT1 Strontium Perchlorates
NT1 Terbium Perchlorates
NT1 Thallium Perchlorates
NT1 Thorium Perchlorates
NT1 Thulium Perchlorates
NT1 Uranium Perchlorates
NT1 Ytterbium Perchlorates
NT1 Yttrium Perchlorates
NT1 Zinc Perchlorates
NT1 Zirconium Perchlorates

PERCHLORIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

PERCUS-YEVICK EQUATION [01]
BT1 Equations
RT Many-Body Problem

PEREY-BUCK MODEL [01]
UF *Perey-Wilkins Model*
BT1 Nuclear Models
BT2 Mathematical Models
RT Nonlocal Potential
RT Optical Models

Perey-Wilkins Model
USE Perey-Buck Model

PERFORMANCE [01]
RT Coefficient of Performance
RT Efficiency
RT Errors
RT Feasibility Studies
RT Performance Testing
RT Productivity
RT Reliability
RT Resolution
RT Spectral Response
RT Uses

PERFORMANCE TESTING [01]
BT1 Testing
NT1 Federal Test Procedure
RT Certification
RT Inspection
RT Performance
RT Quality Control

PERFUSED ORGANS [01]
BT1 Organs
BT2 Body
RT Perfused Tissues

PERFUSED TISSUES [01]
DA December 1975
BT1 Tissues
BT2 Body
RT Perfused Organs

PERICARDIUM
DA July 1979
BT1 Heart
BT2 Cardiovascular System
BT2 Organs
BT3 Body
BT1 Serous Membranes
BT2 Membranes

PERIDOTITES
DA January 1975
BT1 Igneous Rocks
BT2 Rocks
RT Olivine

PERINATAL IRRADIATION [01]
BT1 Irradiation
RT Prenatal Irradiation
DEF A combination of prenatal and postnatal irradiation.

Period (Reactor)
USE Reactor Period

PERIODATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Iodine Compounds
BT2 Halogen Compounds
BT1 Oxygen Compounds

PERIODIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

PERIODIC SYSTEM [01]
UF *Mendeleev Periodic System*
RT Atomic Number
RT Elements

Periodicity
USE Variations

Periosteum
USE Bone Tissues

PERIPHERAL COLLISIONS [01]
BT1 Strong Interactions
BT2 Basic Interactions
BT3 Interactions

PERIPHERAL MODELS [01]
UF *Exchange Models*
BT1 Particle Models
BT2 Mathematical Models
NT1 Baryon-Exchange Models
NT1 Boson-Exchange Models
NT2 Obe Model
NT3 Ope Model
NT4 Electric Born Model

NT1 Multiperipheral Model
NT2 Cluster Emission Model
NT3 Space-Time Model

Periphyton
DA April 1977
USE Aufwuchs

PERISCOPES [01]
BT1 Optical Systems
RT Hot Cells
RT Hot Labs
RT Remote Handling

PERITONEUM [01]
BT1 Serous Membranes
BT2 Membranes
RT Abdomen
RT Ascites
RT Gastrointestinal Tract
RT Intraperitoneal Injection
RT Liver
RT Mesentery
RT Peritonitis
RT Spleen

PERITONITIS [01]
BT1 Digestive System Diseases
BT2 Diseases
BT1 Symptoms
RT Peritoneum

PERKINS-1 REACTOR [01]
(In Davie County, North Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PERKINS-2 REACTOR [01]
(In Davie County, North Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PERKINS-3 REACTOR [01]
(In Davie County, North Carolina, USA.)
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PERLITE
DA May 1976
BT1 Minerals
DEF Volcanic glass that has a concentric shelly structure, appears as if composed of concretions,is usually grayish and sometimes spherulitic, and when expanded by heat forms a lightweight aggregate used especially in concrete and plaster.

PERMAFROST
DA January 1976
RT Soils
DEF Any soil, subsoil or other surficial deposit, or even bedrock, occurring in arctic or subarctic regions at a variable depth beneath the Earth's surface in which a temperature below freezing has existed continuously for a long time.

PERMALLOY [01]
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

PERMANENT MAGNETS [01]
BT1 Magnets
RT Magnetic Properties

PERMANGANATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Manganese Compounds
BT2 Transition Element Compounds
BT1 Oxygen Compounds
NT1 Potassium Permanganates
RT Manganese Oxides

PERMEABILITY [01]
RT Dialysis
RT Membranes
RT Osmosis
RT Plugging
RT Porosity

Permeability (Magnetic)
USE Magnetic Susceptibility

PERMENDUR [01]
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys

PERMIAN PERIOD
DA October 1977
SF *Appalachian Orogeny*
UF *Rotliegende Epoch*
BT1 Paleozoic Era
BT2 Geologic Ages

PERMITTIVITY [01]
RT Dielectric Properties

Permutit (Inorganic)
USE Inorganic Ion Exchangers

Permutit (Organic)
USE Organic Ion Exchangers

Pernicious Anemia
USE Anemias

PEROVSKITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Perovskites
BT2 Minerals
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds

PEROVSKITES
DA September 1976
BT1 Minerals
NT1 Perovskite
RT Ferrimagnetic Materials
RT Sodium Tungsten Bronze
DEF Minerals with a close-packed lattice and the general formula ABX_3 where A and B are metals and X is a nonmetal, usually O.

PEROX PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF Method for removal of H_2S from waste gases.

PEROXIDASES [01]
BT1 Oxidoreductases
BT2 Enzymes
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Catalase

PEROXIDES [01]
BT1 Oxygen Compounds
NT1 Benzoyl Peroxide
NT1 Hydrogen Peroxide
NT1 Uranium Peroxides
RT Peroxyacetyl Nitrate

PEROXY RADICALS [01]
BT1 Radicals

PEROXYACETYL NITRATE
DA August 1976
BT1 Nitric Acid Esters
BT2 Esters
BT3 Organic Compounds
RT Peroxides

PERRHENATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds
RT Rhenium Oxides

PERRY-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PERRY-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PERRYMAN-1 REACTOR [01]
(Plant is to be located in northeastern Maryland. The reactor type has not been selected.)
DA September 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

PERRYMAN-2 REACTOR [01]
(Plant is to be located in northeastern Maryland. The reactor type has not been selected.)
DA September 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

PERSIAN GULF
DA February 1975
BT1 Arabian Sea
BT2 Indian Ocean
BT3 Seas
BT4 Surface Waters

PERSONNEL [01]
(Studies of groups of persons employed in a particular field of endeavor. For studies on individuals in a group see also MAN.)
UF *Employees*
UF *Workers*
NT1 Aviation Personnel
NT1 Craftsmen
NT1 Dial Painters
NT1 Military Personnel
NT1 Miners
NT2 Coal Miners
NT1 Professional Personnel
NT2 Astronauts
NT2 Medical Personnel
NT1 Radiological Personnel
RT Education
RT Flexitime
RT Human Populations
RT Industrial Medicine
RT Labor Relations
RT Man
RT Management
RT Medical Surveillance
RT Occupational Safety
RT Occupations
RT Organizing
RT Pollution Control Agencies
RT Safety
RT Work

PERSONNEL DOSIMETRY [01]
UF *Personnel Film Dosimetry*
BT1 Dosimetry
RT External Irradiation
RT Occupations
RT Personnel Monitoring
RT Thermoluminescent Dosemeters

Personnel Film Dosimetry
USE Personnel Dosimetry

PERSONNEL MONITORING [01]
UF+ *Excretion Analysis*
BT1 Radiation Monitoring
BT2 Monitoring
RT Albedo-Neutron Dosemeters
RT Medical Surveillance
RT Personnel Dosimetry
RT Radiation Doses
RT Radioactivity
RT Radionuclide Kinetics
RT Whole-Body Counting

PERSPEX [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyacrylates
BT2 Esters
BT3 Organic Compounds
BT2 Polyvinyls
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

PERSULFATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Sulfur Compounds

PERSULFURIC ACID [01]
BT1 Sulfur Compounds
BT1 Sulfuric Acid
BT2 Inorganic Acids
BT3 Hydrogen Compounds

PERT METHOD [01]
UF *Critical Path Method*
RT Planning

PERTECHNETATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds
RT Technetium Oxides

PERTURBATION THEORY [01]
UF *Reductive Perturbation Method*
NT1 HSK Procedure
RT Adjoint Flux
RT Born Approximation
RT Brinkman-Kramers Approximation
RT Mathematics
RT Neutron Importance Function
RT Neutron Transport Theory
RT P1-Approximation
RT P3-Approximation
RT Quantum Mechanics
RT Quasilinear Problems
RT Rayleigh-Schroedinger Formula
RT Reactor Kinetics
RT Ritchie-Eldridge Theory
RT Scattering

Perturbations
USE Disturbances

PERTURBED ANGULAR CORRELATION [01]
BT1 Angular Correlation
BT2 Correlations
NT1 Differential PAC
NT1 Integral Pac
RT Nuclear Electric Moments
RT Nuclear Magnetic Moments

Perturbed Stationary States Method
USE PSS Method

PERU [01]
BT1 South America
BT2 Latin America
RT Andes

PERYLENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds

PEST CONTROL [01]
NT1 Genetic Control
NT1 Pest Eradication
RT Agriculture
RT Insects
RT Mites
RT Parasites
RT Pesticides
RT Phosphines
RT Quarantine
RT Rodents
RT Sterile Insect Release
RT Sterile Male Technique

PEST ERADICATION [01]
DA October 1975
BT1 Pest Control
RT Insects
RT Parasites

PESTICIDES [01]
NT1 Fumigants
NT1 Fungicides
NT2 Cycloheximide
NT1 Herbicides
NT1 Insecticides
NT2 Aldrin
NT2 DDT
NT2 Dieldrin
NT2 Kepone
NT2 Lindane
NT2 Malathion
NT2 Parathion
RT Agriculture
RT Antiseptics
RT Disinfectants
RT Disinfestation
RT Ecosystems
RT Grain Disinfestation
RT Mutagens
RT Parasites
RT Pest Control
RT Phosphines
RT Pollution

PETHIDINE [01]
DA May 1975
UF *Demerol*
UF *Dolantal*
BT1 Analgesics
BT2 Drugs
BT1 Aromatics
BT2 Organic Compounds
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Piperidines
BT2 Amines
BT3 Organic Compounds
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

PETIT PROCESS
DA February 1975
RT Desulfurization

PETN [01]
UF *Pentaerythritol Tetranitrate*
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Nitric Acid Esters
BT2 Esters
BT3 Organic Compounds

PETRA STORAGE RING [01]
DA September 1976
BT1 Storage Rings

Petrochemical Feedstocks
DA March 1979
USE Chemical Feedstocks
AND Petrochemicals

PETROCHEMICAL PLANTS
DA August 1977
BT1 Chemical Plants
BT2 Industrial Plants
RT Petrochemicals
RT Petroleum Refineries

PETROCHEMICALS
DA February 1975
UF+ *Petrochemical Feedstocks*

BT1 Petroleum Products
BT1 Plastics
NT2 Aramids
NT2 Bakelite
NT2 Formvar
NT2 Laminac
NT2 Lucite
NT2 Mylar
NT2 Nylon
NT2 Perspex
NT2 Plexiglas
NT2 Polystyrene
NT2 Polyurethanes
NT3 Halthane
NT2 Tedlar
NT2 Teflon
NT2 Thermoplastics
NT1 Resins
RT Chemical Feedstocks
RT Chemical Plants
RT Petrochemical Plants

PETROCHEMISTRY [01]
RT Mineralogy
RT Petrogenesis
RT Rocks
DEF The study of chemical composition of rocks; it is an aspect of geochemistry, and is not equivalent to petroleum chemistry.

PETROGENESIS [01]
RT Diagenesis
RT Orogenesis
RT Petrochemistry
RT Petrology
RT Rocks
RT Tectonics
DEF A branch of petrology that deals with the origin and formation of rocks, esp. igneous rocks.

PETROGRAPHY
DA December 1976
RT Petrology

PETROLEUM [01]
UF *Crude Oil*
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
NT1 Petroleum Fractions
NT2 Gas Oils
NT2 Petroleum Distillates
NT3 Naphtha
NT2 Petroleum Residues
NT2 Refinery Gases
NT1 Residual Petroleum
NT1 Sour Crudes
RT Alaska Oil Pipeline
RT Deregulation
RT Distillation
RT Drilling Rigs
RT Energy Conservation and Production Act
RT Enhanced Recovery
RT Fluidized Bed Hydrogenation Process
RT Gas Injection
RT Gas Lifts
RT Gas Recycle Hydrogenation Process
RT Gasynthan Process
RT Hydraulic Equipment
RT Hydrocarbons
RT Lightering
RT Maturation
RT Microemulsion Flooding
RT Mineral Oils
RT Miscible-Phase Displacement
RT Multiphase Flow
RT OAPEC
RT Oil Spills
RT Oil Wells
RT Oil Yields
RT OPEC
RT Petroleum Deposits
RT Petroleum Industry
RT Petroleum Refineries
RT Primary Recovery
RT RMProcess
RT Shell Gasification Process
RT SNG Processes
RT SOLFRAC Process
RT Storage Facilities
RT Strategic Petroleum Reserve
RT Tanker Ships
RT Waterflooding

Petroleum Coke
DA May 1979
USE Coke
AND Petroleum Products

PETROLEUM DEPOSITS
DA February 1975
BT1 Geologic Deposits
BT1 Resources
NT1 Gas Condensate Fields
NT1 Oil Fields
RT Acidization
RT Anticlines
RT Associated Gas
RT Geologic Traps
RT Geophysical Surveys
RT Petroleum
RT Petroleum Geology
RT Petroleum Industry
RT Reserves
RT Seeps
RT Well Logging Equipment

PETROLEUM DISTILLATES
(Boiling point range 0-600°C.)
DA May 1976
BT1 Distillates
BT1 Petroleum Fractions
BT2 Petroleum
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels
NT1 Naphtha
RT Petroleum Products

Petroleum Ether
DA December 1975
USE Ligroin

PETROLEUM FRACTIONS
DA September 1977
UF *Petroleum Stocks*
BT1 Petroleum
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
NT1 Gas Oils
NT1 Petroleum Distillates
NT2 Naphtha
NT1 Petroleum Residues
NT1 Refinery Gases
RT Petroleum Products
DEF Hydrocarbon mixtures occurring in petroleum that can be characterized by specific physical properties such as boiling range, density, and viscosity.

PETROLEUM GEOLOGY
DA March 1979
BT1 Geology
RT Exploration
RT Natural Gas Deposits
RT Petroleum Deposits
DEF That branch of economic geology which relates to the origin, occurrence, migration, accumulation, and exploration for hydrocarbon fuels.

PETROLEUM INDUSTRY
DA February 1975
BT1 Industry
RT Exploitation
RT Horizontal Divestiture
RT Horizontal Integration
RT Mineral Industry
RT Petroleum
RT Petroleum Deposits
RT Petroleum Products
RT Petroleum Refineries
RT Vertical Divestiture
RT Vertical Integration

PETROLEUM PRODUCTS [01]
UF+ *Petroleum Coke*
NT1 Fuel Oils
NT2 Heating Oils
NT2 Residual Fuels
NT1 Gas Oils
NT1 Gasoline
NT2 Unleaded Gasoline
NT1 Kerosene
NT1 Ligroin
NT1 Liquefied Petroleum Gases
NT1 Lubricating Oils
NT1 Petrochemicals
NT2 Plastics
NT3 Aramids
NT3 Bakelite
NT3 Formvar
NT3 Laminac
NT3 Lucite
NT3 Mylar
NT3 Nylon
NT3 Perspex
NT3 Plexiglas
NT3 Polystyrene
NT3 Polyurethanes
NT4 Halthane
NT3 Tedlar
NT3 Teflon
NT3 Thermoplastics
NT2 Resins
NT1 Refinery Gases
RT Naphtha
RT Oils
RT Petroleum Distillates
RT Petroleum Fractions
RT Petroleum Industry
RT Petroleum Refineries
RT Refining
RT SNG Processes

PETROLEUM REFINERIES [01]
RT Activated Sludge Process
RT Distillation
RT Distillation Equipment
RT Entitlements Program
RT Industrial Plants
RT Petrochemical Plants
RT Petroleum
RT Petroleum Industry
RT Petroleum Products
RT Refinery Gases

PETROLEUM RESIDUES
(B.P. over 1100°F, 593°C; includes oil residues, residua.)
DA January 1975
UF *Liquid Asphalt*
UF *Oil Residues*
UF *Resid*
UF *Residual Oils*
BT1 Petroleum Fractions
BT2 Petroleum
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels
RT Residual Fuels

Petroleum Stocks
DA December 1975
USE Petroleum Fractions

PETROLEUM SULFONATES
DA August 1976
BT1 Sulfonates
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Sulfonic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
DEF Mixtures of many surfactant compounds of the alkylaryl sulfonate type.

PETROLOGY [01]
BT1 Geology
RT Coalification
RT Lithotypes
RT Macerals
RT Petrogenesis
RT Petrography
RT Rocks
DEF That branch of geology dealing with the origin, occurrence, structure, and history of rocks, esp. igneous and metamorphic rocks.

PETROSIX PROCESS
DA January 1975
RT Oil Shales
DEF Process developed by Petrobas, Brazilian National Oil Company that is capable of handling oil shale fines; similar to gas combustion process except that an outside furnace is used for heating of recycle gas.

Petrov-Galerkin Method
USE Galerkin-Petrov Method

Petten High Flux Reactor
USE HFR Reactor

Petten Low Flux Reactor
USE LFR Reactor

Petten Stek Reactor
USE STEK Reactor

PETULA TOKAMAK [01]
DA December 1975
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

PEV RANGE [01]
(10^{+15}eV < E < 10^{+18}eV)
DA August 1976
BT1 Energy Range

PEWEE-1 REACTOR [01]
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PEWEE-2 REACTOR [01]
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PEWEE-3 REACTOR [01]
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PEWEE-4 REACTOR [01]
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PFIRSCH-SCHLUETER REGIME
DA January 1979
RT Collisional Plasma
RT Tokamak Devices

PFR REACTOR [01]
UF *Dounreay Prototype Fast Reactor*
UF *Prototype Fast Reactor Dounreay*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

PH VALUE [01]
UF *Acidity*
UF *Neutralization (Chemical)*
RT Bases
RT Buffers
RT Inorganic Acids
RT Nucleic Acid Denaturation
RT Organic Acids
RT Protein Denaturation

Phages
USE Bacteriophages

PHAGOCYTES [01]
BT1 Somatic Cells
BT2 Animal Cells
NT1 Macrophages
RT Leukocytes
RT Phagocytosis

PHAGOCYTOSIS [01]
RT Amoeba
RT Excretion
RT Immune Reactions
RT Intracellular Digestion
RT Macrophages
RT Phagocytes
RT Reticuloendothelial System

PHANEROCHAETE
DA March 1979
BT1 Fungi
BT2 Plants
DEF Ligniolytic fungus.

PHANTOMS [01]
BT1 Mockup
BT2 Structural Models
RT Biological Models
RT Depth Dose Distributions
RT Functional Models
RT Isodose Curves
RT Radiotherapy
RT Tissue-Equivalent Materials

Pharmaceuticals
USE Drugs

PHARMACOLOGY [01]
RT Drugs
RT Radiopharmaceuticals

Pharmacotherapy
USE Chemotherapy

PHAROS DEVICES [01]
BT1 Linear Theta Pinch Devices
BT2 Linear Pinch Devices
BT3 Open Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices

PHARYNX [01]
UF *Nasopharynx*
UF *Throat*
UF+ *Tonsils*
BT1 Digestive System
BT1 Organs
BT2 Body
BT1 Respiratory System
RT Neck
RT Oral Cavity

PHASE CHANGE MATERIALS
(Use with the specific phase change material (e.g. calcium chloride) when known.)
DA July 1978
BT1 Materials
RT Fusion Heat
RT Latent Heat Storage
RT Phase Transformations
RT Transition Heat
DEF A material that undergoes a phase change, e.g., solid to liquid, at a temperature desired for heat storage.

PHASE DIAGRAMS [01]
UF *State Diagrams*
BT1 Diagrams
RT Allotropy
RT Alloy Systems
RT Critical Temperature
RT Eutectics
RT Eutectoids
RT Gases
RT Glass
RT Liquids
RT Melting Points
RT Microstructure
RT Monotectics
RT Monotectoids
RT Phase Rule
RT Phase Studies
RT Phase Transformations
RT Solid Solutions
RT Solids
RT Thermal Analysis

Phase Factor
DA September 1977
USE Power Factor

PHASE OSCILLATIONS [01]
BT1 Beam Dynamics
BT1 Oscillations

PHASE RULE [01]
RT Phase Diagrams

PHASE SHIFT [01]
RT Argand Diagrams
RT Partial Waves
RT Scattering

PHASE SPACE [01]
BT1 Mathematical Space
BT2 Space
RT Dalitz Plot
RT Ergodic Hypothesis
RT Liouville Theorem
RT Mathematics
RT Prism Plot

PHASE STABILITY [01]
BT1 Stability
RT Beam Dynamics

PHASE STUDIES [01]
RT Phase Diagrams
RT Phase Transformations
RT Thermodynamic Activity

PHASE TRANSFORMATIONS [01]
UF *Transitions (Phase)*
NT1 Boiling
NT2 Film Boiling
NT2 Nucleate Boiling
NT3 Departure Nucleate Boiling

NT2 Pool Boiling
NT2 Subcooled Boiling
NT2 Transition Boiling
NT1 Crystal-Phase Transformations
NT1 Crystallization
NT1 Evaporation
NT2 Flashing
NT2 Sublimation
NT1 Melting
NT2 Electron Beam Melting
NT2 Vacuum Melting
NT2 Zone Melting
NT1 Order-Disorder Transformations
NT1 Solidification
RT Allotropy
RT Critical Temperature
RT Eutectics
RT Eutectoids
RT Glass
RT Guinier-Preston Zones
RT Habit Planes
RT Microstructure
RT Phase Change Materials
RT Phase Diagrams
RT Phase Studies
RT Thermal Analysis
RT Transition Heat
RT Transition Temperature
RT Widmanstaetten Structure

PHASE VELOCITY [01]
DA June 1975
BT1 Velocity
RT Wave Propagation

PHASEOLUS [01]
UF *Bean Plant*
BT1 Leguminosae
BT2 Plants
RT Beans
RT Phytohemagglutinin

Phasotrons
USE Synchrocyclotrons

Ph'$_5 = \omega\Lambda\Delta\Delta\mu\Lambda\Delta_7$
USE Philadelphia Chromosome

Phenacetin
USE Analgesics
AND Antipyretics

PHENANTHRENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

PHENANTHROLINE-ORTHO [01]
BT1 Phenanthrolines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents
RT Ferroin

PHENANTHROLINES [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Ferroin
NT1 Phenanthroline-Ortho

PHENATINE [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

PHENAZINE [01]
BT1 Pyrazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

PHENETHYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

PHENIX REACTOR [01]
UF *Marcoule Phenix Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

PHENOBARBITAL [01]
UF *Luminal*
BT1 Barbiturates
BT2 Hypnotics and Sedatives
BT3 Drugs
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

PHENOL [01]
UF *Hydroxybenzene*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds

PHENOLATES
DA November 1976
RT Phenols

PHENOLPHTHALEIN [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds
BT1 Indicators
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Phthalic Acid

PHENOLS [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
NT1 Amidol
NT1 BAMBP
NT1 Cresols
NT1 Dinitrophenol
NT1 Eriochrome Dyes
NT1 Naphthols
NT2 Acid Chrome Dyes
NT2 Beryllon
NT2 1-Nitroso-2-Naphthol
NT2 Nitroso-R Salt
NT2 PAN
NT2 Thorin
NT2 Trypan Blue
NT1 Nitrophenol
NT1 Phenol
NT1 Phenolphthalein
NT1 Picric Acid
NT1 Polyphenols
NT2 Arsenazo
NT2 Aurin
NT2 Bromosulfophthalein
NT2 Catecholamines
NT2 *Curcumin*
NT2 Dopamine
NT2 Fluorescein
NT3 Erythrosine
NT2 Hematoxylin
NT2 Morin
NT2 Pyridylazoresorcinol
NT2 Pyrocatechol
NT2 Pyrogallol
NT2 Quercetin
NT2 Resorcinol
NT2 Stilbestrol
NT2 Tannic Acid
NT2 Tiron
NT1 POP
NT1 Thymol
NT1 Tyramine
NT1 Xylenols
RT Bakelite
RT Dephenolization
RT Phenolates

PHENOTHIAZINES [01]
UF+ *Promethazine*
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Chlorpromazine
NT1 Methylene Blue
RT Thionine

PHENOTYPE [01]
RT Genotype
RT Ontogenesis

PHENOXY RADICALS [01]
BT1 Radicals

PHENYL ETHER
DA January 1975
UF+ *Dowtherm*
BT1 Ethers
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

Phenyl Methyl Ether
USE Anisole

PHENYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

Phenylacetylene
USE Tolan

Phenylacrylic Acid-Beta
USE Cinnamic Acid

PHENYLALANINE [01]
UF *Aminophenylacetic Acid-alpha*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Dopa
RT Tyrosine

Phenylamine
USE Aniline

PHENYLENE RADICALS [01]
BT1 Radicals

Phenylethylene
USE Styrene

Phenylhydroxylamine
USE Cupferron

Phenylisopropylamine
USE Benzedrine

PHEROMONE [01]
BT1 Secretion
RT Insects

RT Sex

PHI4-FIELD THEORY [01]
DA May 1978
BT1 Quantum Field Theory
BT2 Field Theories
RT Boundary Conditions
RT Haag Theorem
RT Heisenberg Model
RT Ising Model
RT Locality
RT Radiative Corrections

PHI-1019 RESONANCES [01]
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

PHILADELPHIA CHROMOSOME [01]
UF $Ph'_5 = \omega\Lambda\Delta\Lambda\mu\Lambda\Delta_7$
BT1 Chromosomes
RT Myeloid Leukemia

Philadelphia Electric Power Reactor-1
USE Limerick-1 Reactor

Philadelphia Electric Power Reactor-2
USE Limerick-2 Reactor

PHILCO COMPUTERS [01]
BT1 Computers

PHILIPPINE ATOMIC ENERGY COMMISSION [01]
DA October 1977
UF *PAEC*
BT1 Philippine Organizations
BT2 National Organizations
NT1 Philippine Atomic Research Center

PHILIPPINE ATOMIC RESEARCH CENTER [01]
DA October 1977
BT1 Philippine Atomic Energy Commission
BT2 Philippine Organizations
BT3 National Organizations

PHILIPPINE ORGANIZATIONS [01]
DA June 1977
BT1 National Organizations
NT1 Philippine Atomic Energy Commission
NT2 Philippine Atomic Research Center

Philippine Research Reactor-1
USE PRR-1 Reactor

PHILIPPINES [01]
BT1 Asia
RT Tiwi Geothermal Field

PHILIPPSBURG-1 REACTOR [01]
UF *Kernkraftwerk Philippsburg-1*
UF *KKP-1 Philippsburg Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PHILIPPSBURG-2 REACTOR [01]
UF *Kernkraftwerk Philippsburg-2*
UF *KKP-2 Philippsburg Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PHILIPS GAGES [01]
UF *Penning Gages*
BT1 Ionization Gages
BT2 Vacuum Gages
BT3 Pressure Gages
BT4 Measuring Instruments
RT Sputter-Ion Pumps

PHIPPS BEND-1 REACTOR [01]
DA December 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

PHIPPS BEND-2 REACTOR [01]
DA December 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

Phloredzin
USE Phlorizin

Phlorhizin
USE Phlorizin

PHLORIZIN [01]
UF *Phloredzin*
UF *Phlorhizin*
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

PHOEBUS-1A REACTOR [01]
UF *Rocket Reactor Experiment Phoebus-1A*
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PHOEBUS-2A REACTOR [01]
UF *Rocket Reactor Experiment Phoebus-2A*
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PHOEBUS-1B REACTOR [01]
UF *Rocket Reactor Experiment Phoebus-1B*
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

PHOENIX DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

PHONONS [01]
BT1 Quasi Particles
RT Acoustic ESR
RT Acoustic NMR
RT Landau Liquid Helium Theory
RT Photoacoustic Effect
RT Solitons
RT Umklapp Processes

PHOSGENE [01]
UF *Carbon Oxychloride*
UF *Carbonyl Chloride*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds

PHOSPHATASES [01]
BT1 Esterases
BT2 Hydrolases
BT3 Enzymes
NT1 Acid Phosphatase
NT1 Alkaline Phosphatase
NT1 ATP-ASE
NT1 DNA-ASE
NT1 Nucleotidases

PHOSPHATE GLASS [01]
RT RPL Dosemeters

PHOSPHATE PROCESS
DA April 1977
RT Desulfurization
RT Waste Processing
DEF Buffered aqueous absorption process using sodium phosphate solution to absorb sulfur dioxide from flue gas.

PHOSPHATE ROCKS
DA October 1976
BT1 Rocks
RT Calcium Carbonates
RT Calcium Phosphates

PHOSPHATES [01]
(For salts only; see also PHOSPHORIC ACID ESTERS.)
BT1 Oxygen Compounds
BT1 Phosphorus Compounds
NT1 Aluminium Phosphates
NT2 Florencite
NT2 Sabugalite
NT1 Americium Phosphates
NT1 Ammonium Phosphates
NT1 Barium Phosphates
NT1 Berkelium Phosphates
NT1 Beryllium Phosphates
NT1 Bismuth Phosphates
NT1 Boron Phosphates
NT1 Cadmium Phosphates
NT1 Calcium Phosphates
NT1 Cerium Phosphates
NT2 Florencite
NT1 Cesium Phosphates
NT1 Chromium Phosphates
NT1 Cobalt Phosphates
NT1 Copper Phosphates
NT2 Torbernite
NT1 Dysprosium Phosphates
NT1 Europium Phosphates
NT1 Gadolinium Phosphates

NT1 Gallium Phosphates
NT1 Germanium Phosphates
NT1 Hafnium Phosphates
NT1 Holmium Phosphates
NT1 Indium Phosphates
NT1 Iron Phosphates
NT1 Lanthanum Phosphates
NT1 Lead Phosphates
NT2 Dewindtite
NT2 Dumontite
NT2 Parsonsite
NT1 Lithium Phosphates
NT1 Lutetium Phosphates
NT1 Magnesium Phosphates
NT2 Saleeite
NT1 Manganese Phosphates
NT1 Molybdenum Phosphates
NT1 Neodymium Phosphates
NT1 Nickel Phosphates
NT1 Niobium Phosphates
NT1 Plutonium Phosphates
NT1 Potassium Phosphates
NT1 Praseodymium Phosphates
NT1 Promethium Phosphates
NT1 Protactinium Phosphates
NT1 Rubidium Phosphates
NT1 Samarium Phosphates
NT1 Scandium Phosphates
NT1 Silicon Phosphates
NT1 Silver Phosphates
NT1 Sodium Phosphates
NT1 Strontium Phosphates
NT1 Superphosphates
NT1 Tantalum Phosphates
NT1 Terbium Phosphates
NT1 Thallium Phosphates
NT1 Thorium Phosphates
NT2 Monazites
NT1 Thulium Phosphates
NT1 Tin Phosphates
NT1 Titanium Phosphates
NT1 Uranium Phosphates
NT2 Dewindtite
NT2 Dumontite
NT2 Natroautunite
NT2 Ningyoite
NT2 Parsonsite
NT2 Phosphuranylite
NT2 Sabugalite
NT2 Saleeite
NT2 Torbernite
NT2 Uranocircite
NT1 Uranyl Phosphates
NT1 Vanadium Phosphates
NT1 Xenon Phosphates
NT1 Ytterbium Phosphates
NT1 Yttrium Phosphates
NT2 Xenotime
NT1 Zinc Phosphates
NT1 Zirconium Phosphates
RT Acid Phosphates
RT Phosphorites

Phosphatides
USE Phospholipids

PHOSPHIDES [01]
BT1 Phosphorus Compounds
BT1 Pnictides
NT1 Americium Phosphides
NT1 Berkelium Phosphides
NT1 Beryllium Phosphides
NT1 Boron Phosphides
NT1 Cadmium Phosphides
NT1 Cerium Phosphides
NT1 Cobalt Phosphides
NT1 Copper Phosphides
NT1 Curium Phosphides
NT1 Dysprosium Phosphides
NT1 Erbium Phosphides
NT1 Europium Phosphides
NT1 Gadolinium Phosphides
NT1 Gallium Phosphides
NT1 Germanium Phosphides
NT1 Hafnium Phosphides
NT1 Holmium Phosphides
NT1 Indium Phosphides
NT1 Iron Phosphides
NT1 Manganese Phosphides
NT1 Molybdenum Phosphides
NT1 Neptunium Phosphides
NT1 Nickel Phosphides
NT1 Nicrobraz 50
NT1 Niobium Phosphides
NT1 Palladium Phosphides
NT1 Platinum Phosphides
NT1 Plutonium Phosphides
NT1 Praseodymium Phosphides
NT1 Rhodium Phosphides
NT1 Ruthenium Phosphides
NT1 Samarium Phosphides
NT1 Silicon Phosphides
NT1 Tantalum Phosphides
NT1 Terbium Phosphides
NT1 Thorium Phosphides
NT1 Thulium Phosphides
NT1 Tin Phosphides
NT1 Tungsten Phosphides
NT1 Uranium Phosphides
NT1 Vanadium Phosphides
NT1 Yttrium Phosphides
NT1 Zinc Phosphides
NT1 Zirconium Phosphides

PHOSPHINES [01]
BT1 Phosphorus Compounds
RT Pest Control
RT Pesticides
RT TPO

PHOSPHINIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
RT Organophosphinic Acids

PHOSPHINIC ACIDS
DA January 1975
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds

Phosphites
USE Phosphorous Acid

PHOSPHOCREATINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
RT Creatine

PHOSPHOLIPIDS [01]
UF *Phosphatides*
BT1 Esters
BT2 Organic Compounds
BT1 Lipids
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
NT1 Cardiolipin
NT1 Cephalins
NT1 Lecithins
NT1 Sphingomyelins

PHOSPHONATES [01]
(For salts only: see also phosphonic acid esters.)
DA January 1975
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds

PHOSPHONIC ACID ESTERS [01]
SF *DEHPA*
BT1 Esters
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
NT1 DAMPA

PHOSPHONIC ACIDS
DA April 1975
BT1 Organic Acids
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds

PHOSPHORESCENCE [01]
BT1 Luminescence
RT Afterglow
RT Phosphors

PHOSPHORIC ACID [01]
UF *Hydrogen Phosphates*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Tungstophosphoric Acid

PHOSPHORIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
NT1 Butyl Phosphates
NT2 DBP
NT2 TBP
NT1 HDEHP
NT1 MDPA
NT1 Phytic Acid
NT1 TCP

PHOSPHORITES [01]
DA January 1975
BT1 Minerals
BT1 Sedimentary Rocks
BT2 Rocks
RT Phosphates
DEF A sedimentary rock composed chiefly of phosphate.

PHOSPHOROUS ACID [01]
UF *Phosphites*
BT1 Inorganic Acids
BT2 Hydrogen Compounds

PHOSPHORS [01]
UF *Fluors*
NT1 Glass Scintillators
NT1 Inorganic Phosphors
NT2 Cadmium Sulfides
NT2 Cadmium Tungstates
NT2 Calcium Tungstates
NT2 Cesium Iodides
NT2 Lithium Iodides
NT2 Potassium Iodides
NT2 Sodium Iodides
NT2 Zinc Sulfides
NT1 Liquid Scintillators
NT1 Organic Crystal Phosphors
NT1 Plastic Scintillators
RT Luminescent Chambers
RT Luminescent Dosemeters
RT Phosphorescence
RT Scintillation Counters

PHOSPHORUS [01]
BT1 Nonmetals
BT2 Elements

PHOSPHORUS 21 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 24 [01]
DA May 1978
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 27
DA January 1975
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 28 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PHOSPHORUS 29 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PHOSPHORUS 30 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 31 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PHOSPHORUS 32 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 33 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 34 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PHOSPHORUS 35 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 36 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 37 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 38 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS 39 [01]
DA August 1977
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Phosphorus Isotopes

PHOSPHORUS ADDITIONS [01]
BT1 Alloys

PHOSPHORUS BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS COMPLEXES [01]
BT1 Complexes

PHOSPHORUS COMPOUNDS [01]
*NT1 Phosphates
*NT1 Phosphides
NT1 Phosphines
NT1 Phosphorus Bromides
NT1 Phosphorus Chlorides
NT1 Phosphorus Fluorides
NT1 Phosphorus Hydrides
NT1 Phosphorus Iodides
NT1 Phosphorus Nitrides
NT1 Phosphorus Oxides
NT1 Phosphorus Sulfides
NT1 Pyrophosphates
RT Organic Phosphorus Compounds

PHOSPHORUS FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

PHOSPHORUS ISOTOPES [01]
NT1 Phosphorus 21
NT1 Phosphorus 24
NT1 Phosphorus 27
NT1 Phosphorus 28
NT1 Phosphorus 29
NT1 Phosphorus 30
NT1 Phosphorus 31
NT1 Phosphorus 32
NT1 Phosphorus 33
NT1 Phosphorus 34
NT1 Phosphorus 35
NT1 Phosphorus 36
NT1 Phosphorus 37
NT1 Phosphorus 38
NT1 Phosphorus 39

PHOSPHORUS NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Phosphorus Compounds

PHOSPHORUS OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Phosphorus Compounds

PHOSPHORUS 31 REACTIONS [01]
DA July 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

PHOSPHORUS SULFIDES [01]
BT1 Phosphorus Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

PHOSPHORUS 31 TARGET [01]
DA July 1976
BT1 Targets

PHOSPHORUS 32 TARGET [01]
DA July 1976
BT1 Targets

Phosphorylases
USE Phosphotransferases

PHOSPHORYLATION [01]
BT1 Chemical Reactions

PHOSPHOTRANSFERASES [01]
UF *Kinases (Phosphotransferases)*
UF *Phosphorylases*
BT1 Transferases
BT2 Enzymes
NT1 Hexokinase
NT1 Nucleases
NT1 RNA-ase

Phosphotungstic Acid
USE Tungstophosphoric Acid

Phosphowolframic Acid
USE Tungstophosphoric Acid

PHOSPHURANYLITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

PHOTOACOUSTIC EFFECT
DA August 1979
RT Acoustics
RT Phonons
RT Photoacoustic Spectrometers
RT Radiation Effects

PHOTOACOUSTIC SPECTROMETERS [01]
DA May 1978
UF *Optoacoustic Cells*
BT1 Infrared Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments
RT Absorption Spectroscopy
RT Gas Analysis
RT Photoacoustic Effect
RT Photoacoustic Spectroscopy

PHOTOACOUSTIC SPECTROSCOPY
DA July 1978
BT1 Spectroscopy
RT Photoacoustic Spectrometers

PHOTOANODES
DA February 1979
BT1 Anodes
BT2 Electrodes
RT Photocathodes

PHOTOCATHODES
DA June 1977
BT1 Cathodes
BT2 Electrodes
RT Photoanodes
RT Photoelectric Effect
RT Photoemission

Photocells
USE Photoelectric Cells

PHOTOCHEMICAL OXIDANTS
DA February 1976
RT Photochemistry
RT Smog

PHOTOCHEMICAL REACTIONS
DA June 1977
BT1 Chemical Reactions
NT1 Photolysis
NT2 Biophotolysis
NT1 Photosynthesis
RT Hydrogen Transfer
RT Photochemistry
RT Photoelectrochemical Cells
RT Xeroderma Pigmentosum

PHOTOCHEMISTRY [01]
BT1 Chemistry
RT Atmospheric Chemistry
RT Photochemical Oxidants
RT Photochemical Reactions
RT Photoelectrochemical Cells
RT Photolysis
RT Photosynthesis
RT Radiation Chemistry
RT Reaction Intermediates

PHOTOCHROMIC MATERIALS
DA April 1976
RT Dyes
DEF A material that changes in color when exposed to visible or near-visible radiant energy.

PHOTOCOMPOSITION
DA August 1976

PHOTOCONDUCTIVE CELLS [01]
BT1 Photoelectric Cells
BT2 Direct Energy Converters
RT Photoconductivity

PHOTOCONDUCTIVITY [01]
BT1 Electric Conductivity
BT2 Electrical Properties
BT3 Physical Properties
RT Photoconductive Cells
RT Photoconductors
RT Traps

PHOTOCONDUCTORS [01]
RT Electric Conductors
RT Photoconductivity
RT Photodetectors
RT Photoelectric Cells
RT Semiconductor Materials

PHOTODETECTORS [01]
RT Photoconductors
RT Photodiodes
RT Photoelectric Cells
RT Phototransistors

PHOTODIODES [01]
BT1 Semiconductor Diodes
BT2 Semiconductor Devices
RT Photodetectors
RT Photoelectric Cells
RT Phototransistors

Photodisintegration
USE Photonuclear Reactions

PHOTOELASTICITY [01]
RT Elasticity
RT Materials Testing
RT Stress Analysis

PHOTOELECTRIC CELLS [01]
UF *Photocells*
BT1 Direct Energy Converters
NT1 Photoconductive Cells
NT1 Photovoltaic Cells
NT2 Solar Cells
NT3 Cadmium Selenide Solar Cells
NT3 Cadmium Sulfide Solar Cells
NT3 Cadmium Telluride Solar Cells
NT3 Concentrator Solar Cells
NT3 Gallium Arsenide Solar Cells
NT3 Gallium Phosphide Solar Cells
NT3 Indium Phosphide Solar Cells
NT3 Organic Solar Cells
NT3 Selenium Solar Cells
NT3 Silicon Solar Cells
RT Image Tubes
RT Photoconductors
RT Photodetectors
RT Photodiodes
RT Photomultipliers
RT Phototransistors
RT Phototubes
RT Semiconductor Devices

PHOTOELECTRIC EFFECT [01]
RT Fowler-Nordheim Theory
RT Photocathodes

PHOTOELECTRIC EMISSION [01]
BT1 Electron Emission
BT2 Emission

PHOTOELECTROCHEMICAL CELLS
DA March 1979
BT1 Electrochemical Cells
NT1 Photoelectrolytic Cells
NT1 Photogalvanic Cells
RT Electrochemistry
RT Photochemical Reactions
RT Photochemistry

PHOTOELECTROLYSIS
DA February 1978
BT1 Electrolysis
BT2 Lysis
RT Hydrogen Production
RT Photoelectrolytic Cells
RT Solar Energy Conversion
DEF A room-temperature electrolytic decomposition of water that is powered by radiant energy.

PHOTOELECTROLYTIC CELLS
DA February 1978
BT1 Electrolytic Cells
BT1 Photoelectrochemical Cells
BT2 Electrochemical Cells
RT Hydrogen Production
RT Photoelectrolysis
RT Solar Energy Conversion
DEF Electrolytic cells with photovoltage generating electrodes for photoelectrolysis of the electrolyte.

PHOTOELECTRON COUNTING [01]
DA November 1976
BT1 Counting Techniques

PHOTOELECTRON SPECTROSCOPY [01]
BT1 Electron Spectroscopy
BT2 Spectroscopy
RT Electronic Structure
RT Molecular Structure

PHOTOEMISSION [01]
(Photon-induced emission)
BT1 Secondary Emission
BT2 Emission
RT Photocathodes

PHOTOFISSION [01]
BT1 Fission
BT2 Nuclear Reactions
BT1 Photonuclear Reactions
BT2 Nuclear Reactions

PHOTOGALVANIC CELLS
DA September 1975
BT1 Photoelectrochemical Cells
BT2 Electrochemical Cells

PHOTOGRAPHIC EMULSIONS [01]
RT Latent Images
RT Photographic Film Dosemeters

PHOTOGRAPHIC FILM DETECTORS [01]
UF *Track Detectors (Photographic)*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Neutron-Photon Converters
RT Nuclear Emulsions
RT Photographic Film Dosemeters
RT Photographic Films

PHOTOGRAPHIC FILM DOSEMETERS [01]
UF *Film Badges*
UF *Film Dosemeters*
BT1 Dosemeters
BT2 Measuring Instruments
RT Film Dosimetry
RT Nuclear Emulsions
RT Photographic Emulsions
RT Photographic Film Detectors

PHOTOGRAPHIC FILMS [01]
RT Image Scanners
RT Images
RT Latent Images
RT Nuclear Emulsions
RT Photographic Film Detectors

Photographs
USE Images

PHOTOGRAPHY [01]
NT1 Photomicrography
NT1 Schlieren Method
NT1 Streak Photography
NT1 Ultrahigh-Speed Photography
RT Cameras
RT Developers
RT Holography
RT Image Processing
RT Xerography

PHOTOIONIZATION [01]
BT1 Ionization

PHOTOLUMINESCENCE [01]
BT1 Luminescence

PHOTOLYSIS [01]
BT1 Decomposition
BT2 Chemical Reactions
BT1 Photochemical Reactions
BT2 Chemical Reactions
NT1 Biophotolysis
RT Bioconversion
RT Dissociation
RT Photochemistry
RT Radiolysis
RT Traps

PHOTOMETERS [01]
BT1 Measuring Instruments
NT1 Densitometers
RT Photometry
RT Pyranometers

PHOTOMETRY [01]
RT Densitometers
RT Photometers
RT Spectrophotometry
RT Spectroscopy

PHOTOMICROGRAPHY [01]
BT1 Photography
RT Ceramography
RT Fractography
RT Metallography
RT Microscopy

PHOTOMULTIPLIERS [01]
BT1 Phototubes
RT Electron Multipliers
RT Photoelectric Cells
RT Scintillation Counters

Photon Activation Analysis
DA February 1979
USE Activation Analysis
AND Photons

PHOTON-ATOM COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
BT1 Photon Collisions
BT2 Collisions

PHOTON-BARYON INTERACTIONS [01]
BT1 Photon-Hadron Interactions
BT2 Electromagnetic Interactions
BT3 Basic Interactions
BT4 Interactions
BT2 Particle Interactions
BT3 Interactions
NT1 Photon-Hyperon Interactions
NT1 Photon-Nucleon Interactions
NT2 Photon-Neutron Interactions
NT2 Photon-Proton Interactions

PHOTON BEAMS [01]
BT1 Beams
RT Light Sources
RT Particle Beams
RT Photons
RT Visible Radiation

PHOTON COLLISIONS [01]
BT1 Collisions
NT1 Photon-Atom Collisions
NT1 Photon-Ion Collisions
NT1 Photon-Molecule Collisions
NT1 Photon-Positron Collisions

Photon Detection (Gamma)
DA February 1979
USE Gamma Detection

Photon Detection (X-Ray)
DA February 1979
USE X-Ray Detection

PHOTON-DEUTERON INTERACTIONS
DA February 1975
BT1 Photon-Hadron Interactions
BT2 Electromagnetic Interactions
BT3 Basic Interactions
BT4 Interactions
BT2 Particle Interactions
BT3 Interactions
RT Deuterons
RT Photons

PHOTON-ELECTRON INTERACTIONS [01]
BT1 Photon-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

PHOTON EMISSION [01]
(Emission of photons)
BT1 Emission
RT Secondary Emission

PHOTON EMISSION SCANNING
DA May 1979
BT1 Diagnostic Techniques
NT1 ECAT Scanning

PHOTON-HADRON INTERACTIONS [01]
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
BT1 Particle Interactions
BT2 Interactions
NT1 Photon-Baryon Interactions
NT2 Photon-Hyperon Interactions
NT2 Photon-Nucleon Interactions
NT3 Photon-Neutron Interactions
NT3 Photon-Proton Interactions
NT1 Photon-Deuteron Interactions
NT1 Photon-Meson Interactions

PHOTON-HYPERON INTERACTIONS [01]
BT1 Photon-Baryon Interactions
BT2 Photon-Hadron Interactions
BT3 Electromagnetic Interactions
BT4 Basic Interactions
BT5 Interactions
BT3 Particle Interactions
BT4 Interactions

PHOTON-ION COLLISIONS [01]
BT1 Ion Collisions
BT2 Collisions
BT1 Photon Collisions
BT2 Collisions

PHOTON-LEPTON INTERACTIONS [01]
BT1 Particle Interactions
BT2 Interactions
NT1 Photon-Electron Interactions
NT1 Photon-Muon Interactions
NT1 Photon-Neutrino Interactions
RT Electromagnetic Interactions
RT Weak Interactions

PHOTON-MESON INTERACTIONS [01]
BT1 Photon-Hadron Interactions
BT2 Electromagnetic Interactions
BT3 Basic Interactions
BT4 Interactions
BT2 Particle Interactions
BT3 Interactions

PHOTON-MOLECULE COLLISIONS [01]
BT1 Molecule Collisions
BT2 Collisions
BT1 Photon Collisions
BT2 Collisions

PHOTON-MUON INTERACTIONS [01]
BT1 Photon-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

PHOTON-NEUTRINO INTERACTIONS [01]
BT1 Photon-Lepton Interactions
BT2 Particle Interactions
BT3 Interactions

PHOTON-NEUTRON INTERACTIONS [01]
BT1 Photon-Nucleon Interactions
BT2 Photon-Baryon Interactions
BT3 Photon-Hadron Interactions
BT4 Electromagnetic Interactions
BT5 Basic Interactions
BT6 Interactions
BT4 Particle Interactions
BT5 Interactions

PHOTON-NUCLEON INTERACTIONS [01]
BT1 Photon-Baryon Interactions
BT2 Photon-Hadron Interactions
BT3 Electromagnetic Interactions
BT4 Basic Interactions
BT5 Interactions
BT3 Particle Interactions
BT4 Interactions
NT1 Photon-Neutron Interactions
NT1 Photon-Proton Interactions

PHOTON-PHOTON INTERACTIONS [01]
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
BT1 Particle Interactions
BT2 Interactions
RT Equivalent-Photon Approximation

PHOTON-POSITRON COLLISIONS [01]
BT1 Photon Collisions
BT2 Collisions
BT1 Positron Collisions
BT2 Collisions

PHOTON-PROTON INTERACTIONS [01]
BT1 Photon-Nucleon Interactions
BT2 Photon-Baryon Interactions
BT3 Photon-Hadron Interactions
BT4 Electromagnetic Interactions
BT5 Basic Interactions
BT6 Interactions
BT4 Particle Interactions
BT5 Interactions

PHOTON TEMPERATURE [01]
UF *Temperature (Photon)*
RT Energy
RT Photons

PHOTON TRANSMISSION SCANNING [01]
DA May 1975
UF *Gamma Transmission Scanning*
UF *X-Ray Transmission Scanning*
BT1 Diagnostic Techniques
NT1 CAT Scanning
NT2 ECAT Scanning

PHOTON TRANSPORT [01]
UF *Transport (Gamma)*
UF *Transport (Photon)*
BT1 Neutral-Particle Transport
BT2 Radiation Transport
RT Gamma Transport Theory

PHOTONEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT1 Photonucleons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Peierls Method
RT Photonuclear Reactions

PHOTONS [01]
UF+ *Photon Activation Analysis*
BT1 Massless Particles
BT2 Elementary Particles
NT1 Cosmic Photons
RT Delayed Gamma Radiation
RT Electromagnetic Radiation
RT Gamma Radiation
RT Photon Beams
RT Photon-Deuteron Interactions
RT Photon Temperature
RT Prompt Gamma Radiation
RT Tagged Photon Method
RT X Radiation

PHOTONUCLEAR REACTIONS [01]
UF *Photodisintegration*
BT1 Nuclear Reactions
NT1 Photofission

RT Giant Resonance
RT Giant Resonance Model
RT Photoneutrons
RT Photonucleons
RT Photoproduction
RT Photoprotons

PHOTONUCLEONS [01]
BT1 Nucleons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
NT1 Photoneutrons
RT Photonuclear Reactions

PHOTOPERIOD
DA August 1977
RT Daily Variations
RT Visible Radiation
DEF The number of daylight hours best suited to the growth and maturation of an organism.

PHOTOPRODUCTION [01]
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
BT1 Particle Production
BT2 Particle Interactions
BT3 Interactions
NT1 Primakoff Effect
RT Drell Model
RT Electric Born Model
RT Kroll-Rudermann Theorem
RT Levinger-Bethe Theory
RT Panofsky Ratio
RT Photonuclear Reactions

PHOTOPROTONS [01]
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Photonuclear Reactions

PHOTOREACTIVATION [01]
BT1 Biological Repair
BT2 Biological Recovery
BT3 Recovery
BT2 Repair
RT Microorganisms
RT Molecular Structure
RT Nucleic Acids
RT Radiation Injuries
RT Ultrastructural Changes
RT Ultraviolet Radiation
RT Visible Radiation

PHOTORESISTORS [01]
BT1 Resistors
BT2 Electrical Equipment
BT3 Equipment

PHOTOSENSITIVITY [01]
BT1 Sensitivity

PHOTOSPHERE [01]
BT1 Solar Atmosphere
BT2 Atmospheres
RT Chromosphere
RT Faculae
RT Solar Granulation
RT Sun
RT Sunspots

PHOTOSYNTHESIS [01]
BT1 Photochemical Reactions
BT2 Chemical Reactions
BT1 Synthesis
RT Biomimetic Processes
RT Biophotolysis
RT Biosynthesis
RT Chlorophyll
RT Chloroplasts
RT Leaves
RT Photochemistry
RT Photosynthetic Bacteria
RT Renewable Resources

PHOTOSYNTHETIC BACTERIA
DA April 1978
BT1 Bacteria
BT2 Microorganisms
RT Photosynthesis

PHOTOTRANSISTORS [01]
BT1 Transistors
BT2 Semiconductor Devices
RT Photodetectors
RT Photodiodes
RT Photoelectric Cells

PHOTOTUBES [01]
NT1 Photomultipliers
RT Electron Tubes
RT Photoelectric Cells

PHOTOVOLTAIC CELLS [01]
BT1 Photoelectric Cells
BT2 Direct Energy Converters
NT1 Solar Cells
NT2 Cadmium Selenide Solar Cells
NT2 Cadmium Sulfide Solar Cells
NT2 Cadmium Telluride Solar Cells
NT2 Concentrator Solar Cells
NT2 Gallium Arsenide Solar Cells
NT2 Gallium Phosphide Solar Cells
NT2 Indium Phosphide Solar Cells
NT2 Organic Solar Cells
NT2 Selenium Solar Cells
NT2 Silicon Solar Cells
RT Combined Collectors
RT Photovoltaic Conversion
RT Photovoltaic Effect
RT Semiconductor Diodes
RT Solar Cell Arrays
RT Thermophotovoltaic Converters

PHOTOVOLTAIC CONVERSION
DA January 1975
RT Organic Solar Cells
RT Photovoltaic Cells
RT Thermophotovoltaic Conversion

PHOTOVOLTAIC EFFECT [01]
RT Energy Conversion
RT Photovoltaic Cells

PHOTOVOLTAIC POWER PLANTS
DA September 1975
BT1 Solar Power Plants
BT2 Power Plants
NT1 Solar Cell Arrays
RT Photovoltaic Power Supplies

PHOTOVOLTAIC POWER SUPPLIES
DA March 1979
BT1 Power Supplies
BT2 Electronic Equipment
RT Photovoltaic Power Plants
RT Solar Cell Arrays
RT Solar Cells
DEF Solar cells or arrays with associated circuitry for small-scale or dispersed applications.

Phrenic Reactor
USE NSR-2 Reactor

PHTHALATES [01]
BT1 Carboxylic Acid Salts
RT Phthalic Acid Esters

PHTHALAZINES [01]
BT1 Pyridazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

PHTHALIC ACID [01]
UF *Benzenedicarboxylic Acid-ortho*
UF *Naphthalic Acid*
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Bromosulfophthalein
RT Eosin
RT Fluorescein
RT Phenolphthalein
RT Rhodamines
RT Rose Bengal

PHTHALIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
RT Phthalates

PHTHALOCYANINES [01]
BT1 Dyes
BT1 Heterocyclic Compounds
BT2 Organic Compounds
RT Copper Complexes

PHWR TYPE REACTORS [01]
UF *Pressurized Heavy Water Cooled/ Moderated Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
NT1 Agesta Reactor
NT1 Atucha Reactor
NT1 Bruce-1 Reactor
NT1 Bruce-2 Reactor
NT1 Bruce-3 Reactor
NT1 Bruce-4 Reactor
NT1 Bruce-5 Reactor
NT1 Bruce-6 Reactor
NT1 Bruce-7 Reactor
NT1 Bruce-8 Reactor
NT1 Cordoba Reactor
NT1 CVTR Reactor
NT1 Douglas Point Ontario Reactor
NT1 Gentilly-2 Reactor
NT1 Kalpakkam-1 Reactor
NT1 Kalpakkam-2 Reactor
NT1 KANUPP Reactor
NT1 MZFR Reactor
NT1 Narora-1 Reactor
NT1 Narora-2 Reactor
NT1 NPD Reactor
NT1 Pickering-1 Reactor
NT1 Pickering-2 Reactor
NT1 Pickering-3 Reactor
NT1 Pickering-4 Reactor
NT1 Pickering-5 Reactor
NT1 Pickering-6 Reactor
NT1 Pickering-7 Reactor
NT1 Pickering-8 Reactor
NT1 Point Lepreau-1 Reactor
NT1 Rajasthan-1 Reactor
NT1 Rajasthan-2 Reactor
NT1 Wolsung-1 Reactor
RT Power Reactors

PHYCOCYANIN [01]
BT1 Pigments

PHYCOMYCES [01]
BT1 Fungi
BT2 Plants

PHYSARUM [01]
BT1 Fungi
BT2 Plants

Physical and Technical Research Reactor Moscow
USE RPT Reactor

PHYSICAL CHEMISTRY
DA January 1975
BT1 Chemistry

Physical Constants Test Reactor
USE PCTR Reactor

Physical Effort
USE Exercise

PHYSICAL METALLURGY [01]
DA October 1977
BT1 Metallurgy
RT Crystal Structure
RT Mechanical Properties
RT Mechanics

RT Physical Properties
RT Thermodynamics

PHYSICAL PROPERTIES [01]
UF *Properties (Physical)*
NT1 Density
NT2 API Gravity
NT2 Bulk Density
NT1 Electrical Properties
NT2 Dielectric Properties
NT3 Kerr Effect
NT2 Electric Conductivity
NT3 Ionic Conductivity
NT3 Magnetoresistance
NT3 Photoconductivity
NT3 Superconductivity
NT2 Polarizability
NT2 Thermoelectric Properties
NT1 Magnetic Properties
NT2 Magnetic Susceptibility
NT2 Magnetostriction
NT1 Optical Properties
NT2 Absorptivity
NT2 Brightness
NT2 Color
NT2 Emissivity
NT2 Luminosity
NT2 Opacity
NT2 Reflectivity
NT2 Refractivity
NT2 Spectral Reflectance
NT1 Thermodynamic Properties
NT2 Critical Pressure
NT2 Enthalpy
NT3 Absorption Heat
NT3 Adsorption Heat
NT3 Mixing Heat
NT3 Reaction Heat
NT4 Combustion Heat
NT4 Dissociation Heat
NT4 Formation Heat
NT3 Solution Heat
NT3 Transition Heat
NT4 Fusion Heat
NT4 Sublimation Heat
NT4 Vaporization Heat
NT2 Entropy
NT2 Free Energy
NT3 Formation Free Energy
NT3 Surface Energy
NT2 Free Enthalpy
NT3 Formation Free Enthalpy
NT2 Specific Heat
NT3 Electronic Specific Heat
NT3 Magnetic Specific Heat
NT3 Nuclear Specific Heat
NT2 Stored Energy
NT2 Thermal Conductivity
NT2 Thermal Diffusivity
NT2 Transition Temperature
NT3 Boiling Points
NT3 Critical Temperature
NT3 Curie Point
NT3 Lambda Point
NT3 Melting Points
NT3 Neel Temperature
NT2 Vapor Pressure
RT Physical Metallurgy
RT Surface Properties

PHYSICAL PROTECTION [01]
(Concerning the need for physical protection of facilities, devices, or materials from intentional damage or theft, and proposed or existing methods for meeting needs. See also PHYSICAL PROTECTION DEVICES.)
DA March 1978
RT Sabotage
RT Safeguards
RT Secrecy Protection
RT Security

PHYSICAL PROTECTION DEVICES [01]
UF *Locks (Security)*
NT1 Security Seals
RT Safeguards
RT Secrecy Protection
RT Security
RT Surveillance
RT Theft

PHYSICAL RADIATION EFFECTS [01]
BT1 Radiation Effects
NT1 Radiation Hardening
RT Amoeba Effect
RT Damaging Neutron Fluence
RT Equivalent Fission Fluence
RT Fuel Densification
RT Neutron Sputtering
RT Neutronic Damage Functions

PHYSICS [01]
DA September 1976
NT1 High Energy Physics
NT1 Nuclear Physics
NT1 Reactor Physics
NT1 Solid State Physics

PHYSIOLOGY [01]
RT Anatomy
RT Behavior
RT Biological Functions
RT Biological Stress
RT Blood-Brain Barrier
RT Blood Circulation
RT Body Temperature
RT Digestion
RT Excretion
RT Growth
RT Homeostasis
RT Hormones
RT Metabolism
RT Molecular Biology
RT Reproduction
RT Respiration
RT Ripening
RT Sleep
RT Thermoregulation
RT Transpiration

Physostigmine
USE Eserine

PHYTIC ACID [01]
BT1 Lipotropic Factors
BT1 Organic Acids
BT2 Organic Compounds
BT1 Phosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds
RT Inositol

PHYTOCHROMES
BT1 Pigments
NT1 Chlorophyll

PHYTOHEMAGGLUTININ [01]
BT1 Hemagglutinins
BT2 Agglutinins
BT1 Mitogens
BT1 Mucoproteins
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT2 Proteins
BT3 Organic Compounds
RT Cell Proliferation
RT Lymphocytes
RT Mitosis
RT Phaseolus

PHYTOPLANKTON
DA January 1977
BT1 Plankton
BT2 Aquatic Organisms
RT Algae
RT Diatoms

PI-1016 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

PI-1640 RESONANCES [01]
UF *A3 Resonances*
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

PIACE DEVICES
DA April 1975
BT1 Linear Theta Pinch Devices
BT2 Linear Pinch Devices
BT3 Open Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices
RT Japan

PICEANCE CREEK
DA April 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Colorado

PICEANCE CREEK BASIN
DA January 1975
RT Colorado
RT Green River Formation
RT Uinta Formation

PICKERING-1 REACTOR [01]
UF *Ontario PHWR Pickering-1 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-2 REACTOR [01]
UF *Ontario PHWR Pickering-2 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-3 REACTOR [01]
UF *Ontario PHWR Pickering-3 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors

BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-4 REACTOR [01]
UF *Ontario PHWR Pickering-4 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-5 REACTOR [01]
(One of 4 units comprising Pickering B.)
DA May 1975
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-6 REACTOR [01]
(One of 4 units comprising Pickering B.)
DA May 1975
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-7 REACTOR [01]
(One of 4 units comprising Pickering B.)
DA May 1975
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

PICKERING-8 REACTOR [01]
(One of 4 units comprising Pickering B.)
DA May 1975
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

Picket Fence
USE Cusped Geometries

PICKLING [01]
BT1 Surface Treatments
NT1 Corrosion Pickling

PICKUP REACTIONS [01]
BT1 Transfer Reactions
BT2 Direct Reactions
BT3 Nuclear Reactions

PICO AMP BEAM CURRENTS [01]
BT1 Beam Currents
BT2 Currents

PICOLINES [01]
UF *Methyl Pyridines*
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Picolinic Acid
RT Pyridoxal

PICOLINIC ACID [01]
UF *2-Pyridinecarboxylic Acid*
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Picolines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

PICRIC ACID [01]
UF *Picronitric Acid*
UF *Tnp*
UF *Trinitrophenol*
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Organic Acids

Picronitric Acid
USE Picric Acid

PICRYL RADICALS [01]
BT1 Radicals

PIERCE ELECTRON GUNS [01]
BT1 Electron Guns
BT1 Electron Sources
BT2 Particle Sources
BT3 Radiation Sources

Pierrelatte (CEA)
USE CEA Pierrelatte

PIES
DA February 1979
UF *Project Independence Evaluation System*
BT1 Energy Models

PIEZOELECTRICITY [01]
BT1 Electricity

PIEZOMETRY
DA October 1975
RT Pressure Measurement

Pig Discharges
USE Penning Discharges

Pig Ion Sources
USE Penning Ion Sources

PIGEONS [01]
BT1 Birds
BT2 Vertebrates
BT3 Animals

Pigment Cells
USE Animal Cells
AND Pigments

PIGMENTS [01]
SF *Chemicals*
UF+ *Pigment Cells*
NT1 Bilirubin
NT1 Biliverdin
NT1 Carotenoids
NT1 Cytochromes
NT1 Hematoporphyrins
NT1 Heme
NT1 Hemoglobin
NT2 Methemoglobin
NT1 Hemosiderin
NT1 India Ink
NT1 Melanin
NT1 Molybdenum Blue
NT1 Myoglobin
NT1 Phycocyanin
NT1 Phytochromes
NT2 Chlorophyll
NT1 Protoporphyrins
NT1 Stercobilin
NT1 Ultramarine
NT1 Urobilinogen
RT Paints
RT Porphyrins

Pigs
USE Swine

PIKAS [01]
UF *Cony*
BT1 Mammals
BT2 Vertebrates
BT3 Animals

PILE NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

PILE OSCILLATION TECHNIQUES [01]
UF *Oscillation Techniques (Pile)*

RT Reactivity
RT Reactor Oscillators

PILE REPLACEMENT TECHNIQUES [01]
UF *Substitution Techniques*
RT Reactivity

Piles
DA March 1977
USE Foundations

Pilgrim Reactor
(This was a valid descriptor prior to 1974.)
DA May 1975
USE Pilgrim-1 Reactor

PILGRIM-1 REACTOR [01]
UF *Pilgrim Reactor*
UF *Plymouth Pilgrim Power Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PILGRIM-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PILGRIM-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

PILOCARPINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Parasympathomimetics
BT2 Drugs

PILOT PLANTS [01]
UF *Plants (Pilot)*
BT1 Functional Models
RT Demonstration Plants
RT Industrial Plants
RT Mockup
RT Process Development Units

PIN STRIPE EVENT
DA January 1975
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

PINACOL [01]
UF *Tetramethylethylene Glycol*
BT1 Glycols
BT2 Alcohols
BT3 Hydroxy Compounds
BT4 Organic Compounds

PINCH DEVICES [01]
BT1 Thermonuclear Devices
NT1 Grom Devices
NT1 Linear Pinch Devices
NT2 Linear Hard Core Pinch Devices
NT2 Linear Screw Pinch Devices
NT2 Linear Theta Pinch Devices
NT3 BSG Devices
NT3 Chalice Devices
NT3 Isar Devices
NT3 Pharos Devices
NT3 Piace Devices
NT3 Scylla Devices
NT2 Linear Z Pinch Devices
NT2 Megatron
NT1 Tesi Devices
NT1 Toroidal Pinch Devices
NT2 TLP Devices
NT3 Alpha Device
NT3 Zeta Devices
NT2 Toroidal Screw Pinch Devices
NT3 HBTX Devices
NT2 Toroidal Theta Pinch Devices
NT3 Scyllac Devices
RT Pinch Effect

PINCH EFFECT [01]
NT1 Hard Core Pinch
NT1 Longitudinal Pinch
NT2 Belt Pinch
NT1 Reverse-Field Pinch
NT1 Screw Pinch
NT1 Theta Pinch
RT Magnetic Compression
RT Magnetic Field Configurations
RT Pinch Devices
RT Plasma
RT Plasma Filament
RT Plasma Focus

PINEAL GLAND [01]
UF *Epiphysis (Pineal Gland)*
BT1 Glands
BT2 Organs
BT3 Body
RT Brain
RT Endocrine Glands
RT Melatonin

PINELLAS PLANT [01]
DA November 1976
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Florida

PINES [01]
BT1 Conifers
BT2 Plants
BT1 Trees
BT2 Plants

PINES-BOHM THEORY [01]
UF *Bohm-Pines Theory*
RT Electron Gas

Pinning Force
USE Magnetic Flux

Pins (Fuel)
USE Fuel Pins

PION BEAMS [01]
BT1 Meson Beams
BT2 Particle Beams
BT3 Beams

PION CONDENSATION [01]
DA June 1977
RT Nuclear Matter
RT Pions

PION DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Pion Dosimetry

PION-DEUTERON INTERACTIONS
DA February 1975
UF *Pion Minus-Deuteron Interactions*
UF *Pion Neutral-Deuteron Interactions*
UF *Pion Plus-Deuteron Interactions*
BT1 Meson-Baryon Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions
RT Deuterons
RT Pions

PION DOSIMETRY [01]
BT1 Dosimetry
RT Pion Detection

Pion-Exchange Model
USE Ope Model

PION-HYPERON INTERACTIONS [01]
BT1 Meson-Hyperon Interactions
BT2 Meson-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

PION-KAON INTERACTIONS [01]
BT1 Meson-Meson Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

Pion Minus-Deuteron Interactions
DA February 1975
USE Pion-Deuteron Interactions

PION MINUS-NEUTRON INTERACTIONS [01]
DA July 1976
BT1 Pion-Neutron Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION MINUS-PROTON INTERACTIONS [01]
DA July 1976
BT1 Pion-Proton Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION MINUS REACTIONS [01]
DA July 1976
BT1 Pion Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

Pion Neutral-Deuteron Interactions
DA February 1975
USE Pion-Deuteron Interactions

PION NEUTRAL-NEUTRON INTERACTIONS
DA July 1976
BT1 Pion-Neutron Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION NEUTRAL-PROTON INTERACTIONS
DA July 1976
BT1 Pion-Proton Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION NEUTRAL REACTIONS
DA July 1976

BT1 Pion Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

PION-NEUTRON INTERACTIONS [01]
BT1 Pion-Nucleon Interactions
BT2 Meson-Nucleon Interactions
BT3 Meson-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Pion Minus-Neutron Interactions
NT1 Pion Neutral-Neutron Interactions
NT1 Pion Plus-Neutron Interactions

PION-NUCLEON INTERACTIONS [01]
BT1 Meson-Nucleon Interactions
BT2 Meson-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Pion-Neutron Interactions
NT2 Pion Minus-Neutron Interactions
NT2 Pion Neutral-Neutron Interactions
NT2 Pion Plus-Neutron Interactions
NT1 Pion-Proton Interactions
NT2 Pion Minus-Proton Interactions
NT2 Pion Neutral-Proton Interactions
NT2 Pion Plus-Proton Interactions

PION-PION INTERACTIONS [01]
BT1 Meson-Meson Interactions
BT2 Hadron-Hadron Interactions
BT3 Particle Interactions
BT4 Interactions

Pion Plus-Deuteron Interactions
DA February 1975
USE Pion-Deuteron Interactions

PION PLUS-NEUTRON INTERACTIONS [01]
DA July 1976
BT1 Pion-Neutron Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION PLUS-PROTON INTERACTIONS [01]
DA July 1976
BT1 Pion-Proton Interactions
BT2 Pion-Nucleon Interactions
BT3 Meson-Nucleon Interactions
BT4 Meson-Baryon Interactions
BT5 Hadron-Hadron Interactions
BT6 Particle Interactions
BT7 Interactions

PION PLUS REACTIONS [01]
DA July 1976
BT1 Pion Reactions
BT2 Meson Reactions
BT3 Charged-Particle Reactions
BT4 Nuclear Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

PION-PROTON INTERACTIONS [01]
BT1 Pion-Nucleon Interactions
BT2 Meson-Nucleon Interactions
BT3 Meson-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions
NT1 Pion Minus-Proton Interactions
NT1 Pion Neutral-Proton Interactions
NT1 Pion Plus-Proton Interactions

PION REACTIONS [01]
BT1 Meson Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
BT2 Hadron Reactions
BT3 Nuclear Reactions
NT1 Pion Minus Reactions
NT1 Pion Neutral Reactions
NT1 Pion Plus Reactions

PIONEER SPACE PROBES [01]
BT1 Space Vehicles

PIONIC ATOMS [01]
BT1 Mesic Atoms
BT2 Hadronic Atoms
BT3 Atoms

PIONIUM
DA April 1975
RT Pions Minus
RT Pions Plus
DEF Bound state of pions plus and pions minus.

PIONIZATION [01]
BT1 Multiple Production
BT2 Particle Production
BT3 Particle Interactions
BT4 Interactions
RT Cluster Emission Model

PIONS [01]
BT1 Pseudoscalar Mesons
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
NT1 Cosmic Pions
NT1 Pions Minus
NT1 Pions Neutral
NT1 Pions Plus
RT ABC Effect
RT Goldberger-Treiman Relation
RT Pion Condensation
RT Pion-Deuteron Interactions

PIONS MINUS [01]
BT1 Pions
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
RT Pionium

PIONS NEUTRAL [01]
BT1 Pions
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
RT Primakoff Effect

PIONS PLUS [01]
BT1 Pions
BT2 Pseudoscalar Mesons
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
RT Pionium

PIPE FITTINGS [01]
RT Expansion Joints
RT Nozzles
RT Orifices
RT Pipelines
RT Pipes
RT Pressure Vessels
RT Seals
RT Valves
RT Water Faucets

PIPE JOINTS [01]
BT1 Joints
RT Expansion Joints

Pipeline Quality Gas
DA January 1975
USE High BTU Gas

PIPELINES [01]
NT1 Alaska Gas Pipeline
NT1 Alaska Oil Pipeline
NT1 Arctic Gas Pipelines
NT1 Freight Pipelines
NT2 Slurry Pipelines
RT Archaeological Sites
RT Gas Hydrates
RT Hydraulic Transport
RT Natural Gas Distribution Systems
RT Pipe Fittings
RT Pipes
RT Pneumatic Transport
RT Polar Gas Project
RT Positioning
RT Steam Lines
RT Transport

PIPERAZINES [01]
BT1 Pyrazines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Amines

PIPERIDINES [01]
UF *Hexahydropyridines*
UF *Pentamethyleneimines*
BT1 Amines
BT2 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Pethidine
NT1 TAN

PIPES [01]
UF *Tubes (Conduits)*
NT1 Marine Risers
NT1 Penstocks
RT Borescopes
RT Cylinders
RT Diffusers
RT Ducts
RT Heat Pipes
RT Hoses
RT Pipe Fittings
RT Pipelines
RT Tubes
RT Well Casings

PIPPARD THEORY [01]
RT Superconductivity

Piqua Nuclear Power Facility
USE PNPF Reactor

Piqua Organic Moderated Reactor
USE PNPF Reactor

PIRANI GAGES [01]
BT1 Hot-Wire Gages
BT2 Pressure Gages
BT3 Measuring Instruments
BT1 Vacuum Gages
BT2 Pressure Gages
BT3 Measuring Instruments

PISTONS
DA January 1976
RT Internal Combustion Engines

PISUM [01]
UF *Pea Plant*
BT1 Leguminosae
BT2 Plants
RT Peas

Pitch (Reactor Parameters)
USE Reactor Lattice Parameters

Pitch Angle
USE Inclination

PITCHBLENDE [01]
BT1 Uraninites
BT2 Uranium Minerals
BT3 Radioactive Minerals

BT4 Minerals
BT4 Radioactive Materials

PITCHES [01]
DA May 1975
BT1 Other Organic Compounds
BT2 Organic Compounds
RT Tar
DEF The residues from the destructive distillation of tars.

PITOT TUBES [01]
RT Flowmeters

PITTING CORROSION [01]
BT1 Corrosion
BT2 Chemical Reactions
RT Cathodic Protection

Pittsburg-Midway Solvent Refined Coal Process
DA April 1975
USE SRC Process

PITTSBURGH
DA September 1976
BT1 Pennsylvania
BT2 Central Region
BT2 USA
BT3 North America

PITTSBURGH ENERGY TECHNOLOGY CENTER
DA March 1979
BT1 US DOE
BT2 US Organizations
BT3 National Organizations

PITTSBURGH OXYDESULFURIZATION PROCESS
DA October 1978
RT Desulfurization
DEF The process, under development at the Pittsburgh Energy Technology Center, removes inorganic and organic sulfur form coal by bubbling air through a pulverized coal and water mixture at high temperature and pressure.

PITUITARY GLAND [01]
UF *Hypophysis*
BT1 Endocrine Glands
BT2 Glands
BT3 Organs
BT4 Body
RT Acromegaly
RT Cushing Syndrome
RT Homeostasis
RT Hypophysectomy
RT Hypothalamus
RT Pituitary Hormones

PITUITARY HORMONES [01]
BT1 Peptide Hormones
BT2 Hormones
NT1 ACTH
NT1 Gonadotropins
NT2 FSH
NT2 HCG
NT2 LH
NT2 LTH
NT1 LH-RH
NT1 Oxytocin
NT1 STH
NT1 TSH
NT1 Vasopressin
RT Hypophysectomy
RT Pituitary Gland

PIVALIC ACID [01]
UF *Dimethylpropionic Acid*
UF *Trimethylacetic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Pixe
DA August 1978
USE X-Ray Emission Analysis

PL-1 LANGUAGE [01]
BT1 Programming Languages

PL-11 LANGUAGE [01]
DA June 1975
BT1 Programming Languages

PLACENTA [01]
BT1 Fetal Membranes
BT2 Membranes
RT HPL
RT Lactogens
RT Pregnancy

PLACERS [01]
BT1 Geologic Deposits

PLACZEC FUNCTION [01]
UF *Bethe-Placzec Model*
BT1 Functions
RT Neutron Slowing-Down Theory

PLAGES [01]
BT1 Solar Activity
RT Chromosphere
RT Faculae

Plagioclase
DA March 1976
USE Anorthosites

Plagioclasite
DA March 1976
USE Anorthosites

PLAICE [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals
RT Food Chains
RT Seafood

Plainsboro IRL Pool Type Reactor
USE IRL Reactor

PLANARIA [01]
BT1 Turbellaria
BT2 Platyhelminths
BT3 Invertebrates
BT4 Animals

PLANCK LAW [01]
RT Quantum Mechanics

PLANCK RADIATION FORMULA [01]
RT Blackbody Radiation
RT Thermodynamics

Plane-Wave Born Approximation
USE Born Approximation

PLANET-SYSTEM ACCRETION [01]
UF *Accretion (Planet-System)*
RT Cosmological Models
RT Galactic Evolution
RT Solar System Evolution
RT Star Accretion

PLANETARY ATMOSPHERES [01]
(Excludes EARTH ATMOSPHERE.)
BT1 Atmospheres
NT1 Lunar Atmosphere
NT1 Planetary Magnetospheres

PLANETARY EVOLUTION
DA November 1975
BT1 Solar System Evolution
RT Planets

PLANETARY IONOSPHERES [01]
(Excludes the earth'$\mu\ {}^{+}\Lambda\Omega\Lambda\mu^{-}=_{7}\omega_{7}$
${}_{8}\Lambda\omega\ '={}^{+}{}_{5}=\ \Sigma\mu_{7}\ \kappa\xi\sigma\xi\int\approx\Gamma\sim\}\sim\rightleftharpoons\cong$
DA October 1978
NT1 Ionosphere
NT2 C Region
NT2 D Region
NT2 E Region
NT3 Sporadic E
NT2 F Region
NT3 F1 Layer
NT3 F2 Layer
NT3 Spread F

PLANETARY MAGNETOSPHERES [01]
DA November 1976
BT1 Planetary Atmospheres
BT2 Atmospheres

PLANETARY NEBULAE [01]
BT1 Nebulae
RT Stars

PLANETS [01]
NT1 Earth Planet
NT1 Jupiter Planet
NT1 Mars Planet
NT1 Mercury Planet
NT1 Neptune Planet
NT1 Pluto Planet
NT1 Saturn Planet
NT1 Uranus Planet
NT1 Venus Planet
RT Asteroids
RT Planetary Evolution
RT Protoplanets
RT Solar System

PLANKTON [01]
BT1 Aquatic Organisms
NT1 Ichthyoplankton
NT1 Phytoplankton
NT1 Zooplankton
RT Bacteria
RT Biological Materials
RT Crustaceans
RT Daphnia
RT Protozoa
RT Surface Waters
RT Unicellular Algae
DEF Aquatic organisms that drift or swim weakly.

PLANNED COMMUNITIES
DA September 1977
BT1 Communities
RT Urban Areas

PLANNING [01]
(Projected design of plants or equipment as well as projected human efforts.)
NT1 Experiment Planning
RT Allocations
RT Construction
RT Coordinated Research Programs
RT Decision Making
RT Decision Tree Analysis
RT Delphi Method
RT Demonstration Programs
RT Design
RT Fault Tree Analysis
RT Feasibility Studies
RT Optimization
RT Organizational Models
RT Organizing
RT Pert Method
RT Production
RT Regional Cooperation
RT Research Programs
RT Site Selection

PLANT BREEDING [01]
RT Adventitious Bud Technique
RT Disease Resistance
RT Irradiation
RT Morphological Changes
RT Mutagens
RT Mutants
RT Mutations
RT Plant Growth
RT Productivity
RT Reproduction

PLANT CELLS [01]
UF *Cells (Plant)*
UF *Protoplasts*
UF+ *Cell Growth (Plant)*
RT Cell Constituents
RT Cell Cultures

RT Cell Flow Systems
RT Cell Wall
RT Chloroplasts
RT Clone Cells
RT Cytology
RT In Vivo

PLANT DISEASES [01]
RT Mildew
RT Parasites
RT Tobacco Mosaic Virus

PLANT GROWTH [01]
BT1 Growth
RT Hydroponic Culture
RT Kinetin
RT Nitrogen Fixation
RT Plant Breeding
RT Plants
RT Revegetation
RT Sprouting

PLANT GROWTH REGULATORS [01]
NT1 Auxins
RT Kinetin

PLANT STEMS [01]
UF *Stem (Plant)*
RT Plants
RT Straw

PLANT TISSUES [01]
NT1 Endosperm
NT1 Meristems
NT1 Mycelium
RT Tissues

PLANTS [01]
UF *Vegetation*
NT1 Algae
NT2 Acetabularia
NT2 Diatoms
NT2 Fucus
NT2 Laminaria
NT2 Lichens
NT2 Nitella
NT2 Porphyra
NT2 Ulva
NT2 Unicellular Algae
NT3 Chlamydomonas
NT3 Chlorella
NT3 Euglena
NT3 Scenedesmus
NT1 Allium Cepa
NT1 Arabidopsis
NT1 Banana Plants
NT1 Brassica
NT1 Buckwheat
NT1 Cacti
NT1 Capsicum
NT1 Carnations
NT1 Cassava
NT1 Citrus
NT1 Coffee Plants
NT1 Conifers
NT2 Pines
NT1 Corchorus
NT1 Cotton Plants
NT1 Crepis
NT1 Endangered Species
NT1 Euphorbia
NT1 Ferns
NT1 Flax Plants
NT1 Forage
NT1 Fungi
NT2 Aspergillus
NT2 Claviceps
NT2 Fusarium
NT2 Lichens
NT2 Mildew
NT2 Mushrooms
NT2 Myxomycetes
NT2 Neurospora
NT2 Pellicularia
NT2 Penicillium
NT2 Phanerochaete
NT2 Phycomyces
NT2 Physarum
NT2 Rhizopus
NT2 Tinea
NT2 Trichoderma
NT3 Trichoderma Viride
NT2 Ustilago
NT2 Yeasts
NT3 Candida
NT3 Saccharomyces
NT4 Saccharomyces Cerevisiae
NT3 Torula
NT1 Gramineae
NT2 Cereals
NT3 Barley
NT3 Maize
NT3 Millet
NT3 Oats
NT3 Rice
NT3 Rye
NT3 Sorghum
NT3 Wheat
NT2 Sugar Cane
NT1 Grass
NT2 Cereals
NT3 Barley
NT3 Maize
NT3 Millet
NT3 Oats
NT3 Rice
NT3 Rye
NT3 Sorghum
NT3 Wheat
NT2 Preferred Species
NT2 Sugar Cane
NT1 Herbs
NT2 Coleus
NT1 Hevea
NT1 Jute
NT1 Leguminosae
NT2 Alfalfa
NT2 Clover
NT2 Glycine Hispida
NT2 Phaseolus
NT2 Pisum
NT2 Vicia
NT1 Lilium
NT1 Medicinal Plants
NT2 Aloe
NT2 Atropa Belladonna
NT2 Castor
NT2 Digitalis
NT2 Papaver Somniferum
NT1 Mosses
NT1 Nicotiana
NT1 Ornamental Plants
NT1 Ranunculaceae
NT1 Shrubs
NT2 Preferred Species
NT1 Solanum
NT2 Solanum Tuberosum
NT1 Sunflowers
NT1 Theobroma
NT1 Tradescantia
NT1 Trees
NT2 Aspens
NT2 Beech Trees
NT2 Birches
NT2 Cacao Trees
NT2 Chestnut Trees
NT2 Coconut Palms
NT2 Cottonwoods
NT2 Eucalyptuses
NT2 Fruit Trees
NT2 Mangroves
NT2 Maples
NT2 Oaks
NT2 Oil Palms
NT2 Olive Trees
NT2 Pecan Trees
NT2 Pines
NT2 Poplars
NT2 Preferred Species
NT2 Rubber Trees
NT2 Sycamores
NT1 Trillium
NT1 Water Hyacinths
NT1 Weeds
RT Agricultural Wastes
RT Agriculture
RT Alkaloids
RT Aquatic Organisms
RT Biological Materials
RT Biology
RT Biomass
RT Botany
RT Buds
RT Bulbs
RT Chlorophyll
RT Essential Oils
RT Fertilizers
RT Flowers
RT Fossils
RT Ground Cover
RT Leaves
RT Plant Growth
RT Plant Stems
RT Rangelands
RT Renewable Energy Sources
RT Revegetation
RT Roots
RT Seedlings
RT Seeds
RT Soils
RT Species Diversity
RT Sprouting
RT Stomata
RT Translocation
RT Transpiration
RT Tubers
RT Vegetative Propagation

Plants (Industrial)
USE Industrial Plants

Plants (Pilot)
USE Pilot Plants

Plants (Power)
USE Power Plants

PLAQUE FORMATION [01]
DA July 1978
RT Bacteriophages
RT Bioassay
RT Clone Cells
RT Viruses

PLASMA [01]
NT1 Ambiplasma
NT1 Cold Plasma
NT1 Collisional Plasma
NT1 Collisionless Plasma
NT1 Equilibrium Plasma
NT1 Fissioning Plasma
NT1 High-Beta Plasma
NT1 Homogeneous Plasma
NT1 Hot Plasma
NT1 Inhomogeneous Plasma
NT1 Laser-Produced Plasma
NT1 Low-Beta Plasma
NT1 Medium-Beta Plasma
NT1 Non-Equilibrium Plasma
NT1 Optically Thick Plasma
NT1 Optically Thin Plasma
NT1 Quantum Plasma
NT1 Quiescent Plasma
NT1 Relativistic Plasma
NT1 Solid-State Plasma
NT2 Electron-Hole Droplets
RT Aspect Ratio
RT Beam-Plasma Systems
RT Beta Ratio
RT Bohm Criterion
RT Boltzmann-Vlasov Equation
RT Breakeven
RT Confinement
RT Distribution Functions
RT Electric Arcs
RT Energy Balance
RT Guiding-Center Approximation
RT Holtsmark Theory
RT Ionic Composition
RT Ionized Gases
RT Kinetic Equations
RT Langmuir Frequency
RT Loss Cone
RT Magnetic Field Configurations
RT Magnetohydrodynamics
RT Neoclassical Transport Theory

RT Pinch Effect
RT Plasma Acceleration
RT Plasma Confinement
RT Plasma Density
RT Plasma Diagnostics
RT Plasma Diamagnetism
RT Plasma Drift
RT Plasma Eaters
RT Plasma Expansion
RT Plasma Filament
RT Plasma Focus
RT Plasma Heating
RT Plasma Instability
RT Plasma Production
RT Plasma Simulation
RT Plasma Waves
RT Plasmoids
RT Solar Wind
RT Spitzer Theory
RT Voigt Effect

Plasma (Blood)
USE Blood Plasma

PLASMA ACCELERATION [01]
BT1 Acceleration
RT Plasma
RT Plasma Guns
RT Plasma Jets

Plasma Accelerators
USE Plasma Guns

PLASMA ARC SPRAYING [01]
BT1 Spray Coating
BT2 Surface Coating
BT3 Deposition

PLASMA ARC WELDING [01]
BT1 Arc Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

PLASMA BEAM INJECTION [01]
BT1 Beam Injection

PLASMA BETATRONS [01]
UF *Budker Accelerators*
BT1 Collective Accelerators
BT2 Accelerators
RT Betatrons

PLASMA CELLS [01]
UF *Plasmocytes*
BT1 Connective Tissue Cells
BT2 Somatic Cells
BT3 Animal Cells
RT Bone Marrow
RT Lymphocytes

Plasma Clearance
USE Blood-Plasma Clearance

PLASMA CONFINEMENT
DA January 1975
BT1 Confinement
NT1 Inertial Confinement
RT Confinement Time
RT Gas Blankets
RT Mass Balance
RT Plasma

PLASMA CORE ASSEMBLY [01]
DA August 1975
UF *PCA-LASL Facility*
BT1 Gas Fueled Reactors
BT2 Fluid Fueled Reactors
BT3 Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PLASMA DENSITY [01]
UF *Density (Plasma)*
RT Debye Length
RT Lawson Criterion
RT Plasma
RT Plasma Expansion
RT Plasma Focus

PLASMA DIAGNOSTICS [01]
RT Limiters
RT Plasma
RT Plasma Eaters
RT Sonic Probes

PLASMA DIAMAGNETISM [01]
BT1 Diamagnetism
BT2 Magnetism
RT Plasma

Plasma Diodes
USE Thermionic Diodes

PLASMA DRIFT [01]
UF *Drift (Plasma)*
RT Ambipolar Diffusion
RT Drift Instability
RT Plasma
RT Plasma Expansion

PLASMA EATERS [01]
DA June 1975
BT1 Electric Probes
BT2 Probes
RT Electron Density
RT Flow Rate
RT Plasma
RT Plasma Diagnostics

PLASMA EXPANSION [01]
BT1 Expansion
RT Plasma
RT Plasma Density
RT Plasma Drift
RT Plasma Instability

PLASMA FILAMENT [01]
UF *Filament (Plasma)*
RT Pinch Effect
RT Plasma
RT Plasma Focus
RT Plasma Jets

PLASMA FOCUS [01]
RT Pinch Effect
RT Plasma
RT Plasma Density
RT Plasma Filament
RT Plasma Focus Devices
RT Plasma Guns

PLASMA FOCUS DEVICES [01]
BT1 Open Plasma Devices
BT2 Thermonuclear Devices
RT Plasma Focus

Plasma Frequency
USE Langmuir Frequency

PLASMA FURNACES [01]
BT1 Furnaces
RT Arc Furnaces

PLASMA GUNS [01]
UF *Plasma Accelerators*
RT Plasma Acceleration
RT Plasma Focus
RT Plasma Jets

PLASMA HEATING [01]
BT1 Heating
NT1 Adiabatic Compression Heating
NT1 Beam Injection Heating
NT1 High-Frequency Heating
NT2 ECR Heating
NT2 ICR Heating
NT2 Magnetic-Pumping Heating
NT3 Acoustic Heating
NT3 Collisional Heating
NT3 Transit-Time Magnetic Pumping
NT1 Joule Heating
NT1 Laser-Radiation Heating
NT1 Shock Heating
NT1 Turbulent Heating
RT Plasma
RT Plasma Production
RT Thermonuclear Devices

PLASMA INSTABILITY [01]
BT1 Instability
NT1 Absolute Instabilities
NT1 Convective Instabilities
NT1 Decay Instability
NT1 Explosive Instability
NT1 Gravitational Instability
NT1 Plasma Macroinstabilities
NT2 Ballooning Instability
NT2 Helical Instability
NT2 Helmholtz Instability
NT2 Kink Instability
NT2 Parametric Instabilities
NT2 Sausage Instability
NT2 Tearing Instability
NT2 Trapped-Particle Instability
NT1 Plasma Microinstabilities
NT2 Bump-in-Tail Instability
NT2 Cyclotron Instability
NT2 Drift Instability
NT2 Hose Instability
NT2 Ion Wave Instability
NT2 Loss Cone Instability
NT2 Negative Mass Instability
NT2 Two-Stream Instability
RT Dispersion Relations
RT Instability Growth Rates
RT Negative Mass Effect
RT Nonlinear Problems
RT Plasma
RT Plasma Expansion
RT Suydam Criterion

PLASMA JETS [01]
RT Plasma Acceleration
RT Plasma Filament
RT Plasma Guns

PLASMA MACROINSTABILITIES [01]
BT1 Plasma Instability
BT2 Instability
NT1 Ballooning Instability
NT1 Helical Instability
NT1 Helmholtz Instability
NT1 Kink Instability
NT1 Parametric Instabilities
NT1 Sausage Instability
NT1 Tearing Instability
NT1 Trapped-Particle Instability
RT Decay Instability
RT Flute Instability
RT Rayleigh-Taylor Instability

PLASMA MICROINSTABILITIES [01]
BT1 Plasma Instability
BT2 Instability
NT1 Bump-in-Tail Instability
NT1 Cyclotron Instability
NT1 Drift Instability
NT1 Hose Instability
NT1 Ion Wave Instability
NT1 Loss Cone Instability
NT1 Negative Mass Instability
NT1 Two-Stream Instability
RT Decay Instability

Plasma Oscillations
USE Plasma Waves

PLASMA PRESSURE [01]
DA June 1975
UF *Pressure (Plasma)*
RT Beta Ratio

PLASMA PRODUCTION [01]
RT High-Frequency Discharges
RT Ionization
RT Laser-Produced Plasma
RT Plasma
RT Plasma Heating
RT Thermonuclear Devices

PLASMA SEEDING [01]
(Restricted to MHD.)
DA February 1975
RT MHD Channels
RT MHD Generators
RT Seed Recovery
RT Seed-Slag Interactions
RT Spent Seed

PLASMA SHEATH [01]
RT Reentry

PLASMA SHEET [01]
RT Magnetosphere
RT Magnetotail

PLASMA SIMULATION [01]
UF *Models (Plasma)*
RT Functional Models
RT Plasma
RT Simulation
RT Simulators

PLASMA WAVES [01]
UF *Electrostatic Waves*
UF *Langmuir Oscillations*
UF *Oscillations (Plasma)*
UF *Plasma Oscillations*
NT1 Electron Plasma Waves
NT1 Ion Waves
NT2 Ion Acoustic Waves
NT2 Ion Plasma Waves
RT Alfven Waves
RT Decay Instability
RT Dispersion Relations
RT Harmonics
RT Hydromagnetic Waves
RT Landau Damping
RT Normal-Mode Analysis
RT Oscillation Modes
RT Plasma
RT Plasmons
RT Tonks-Dattner Resonance
RT Tonks-Langmuir Theory

PLASMAPAUSE [01]
RT Loss Cone
RT Magnetosphere
RT Magnetotail
RT Plasmasphere

PLASMASPHERE [01]
RT Magnetosphere
RT Magnetotail
RT Plasmapause

PLASMATRONS [01]
BT1 Electron Tubes
NT1 Duoplasmatrons
NT1 Triplasmatrons

PLASMIDS
DA December 1977
UF *Paragenes*
BT1 Cell Constituents
RT Genes
RT Genetics

Plasmocytes
USE Plasma Cells

PLASMODIUM [01]
BT1 Parasites
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
RT Malaria

PLASMOIDS [01]
RT Plasma

PLASMONS [01]
BT1 Quasi Particles
RT Plasma Waves
RT Solid-State Plasma

Plaster of Paris
USE Gypsum Cements

PLASTIC FOAMS [01]
BT1 Foams
BT2 Colloids
BT3 Dispersions
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers

Plastic Properties
USE Plasticity

Plastic Scintillation Counters
USE Plastic Scintillation Detectors

PLASTIC SCINTILLATION DETECTORS [01]
UF *Plastic Scintillation Counters*
BT1 Solid Scintillation Detectors
BT2 Scintillation Counters
BT3 Radiation Detectors
BT4 Measuring Instruments
RT Plastic Scintillators

PLASTIC SCINTILLATORS [01]
BT1 Phosphors
RT Anthracene
RT Plastic Scintillation Detectors
RT Terphenyls

PLASTIC SURGERY [01]
BT1 Surgery
BT2 Medicine
RT Transplants

PLASTICITY [01]
UF *Plastic Properties*
BT1 Mechanical Properties
RT Creep
RT Deformation
RT Ductility
RT Flow Stress
RT Thixotropy

PLASTICIZERS [01]
SF *Chemicals*
RT Polymerization

PLASTICS
DA February 1975
BT1 Petrochemicals
BT2 Petroleum Products
NT1 Aramids
NT1 Bakelite
NT1 Formvar
NT1 Laminac
NT1 Lucite
NT1 Mylar
NT1 Nylon
NT1 Perspex
NT1 Plexiglas
NT1 Polystyrene
NT1 Polyurethanes
NT2 Halthane
NT1 Tedlar
NT1 Teflon
NT1 Thermoplastics
RT Concrete-Plastic Composites
RT Organic Polymers
RT Plastics Industry

PLASTICS INDUSTRY
DA November 1978
BT1 Industry
RT Plastics

PLATE TECTONICS
DA August 1976
BT1 Tectonics
RT Earth Crust
RT Paleomagnetism
RT Sea-Floor Spreading
DEF Global tectonics based on an Earth model characterized by a small number (10-25) of large, broad, thick plates (blocks composed of areas of both continental and oceanic crust and mantle) each of which $''_{8}\gamma\Lambda_{3}\pi\mu''$ $\Lambda\Omega$ $\mu\Lambda\Delta_{7}$ $\Xi^{+}\mu_{5}\Lambda\Sigma\mu$ $\Sigma\Omega_{67}\omega\gamma_{3}\bullet_{7}\omega$ $^{+}\Omega$ $\pi=_{7}$ $\Delta_{3}\Omega\pi\gamma_{7}$ $_{3}\Omega_{6}$ $\Delta\Lambda\Xi_{7}\mu$ $\Delta\Lambda\omega_{7}$ $\Lambda\omega$ $\gamma_{7}\mu\mu$ $^{+}\Omega_{67}{}^{-}{}_{7}\Omega_{67}\Omega\pi\gamma\bullet\Lambda_{8}$ $\pi=_{7}$ $\Lambda\pi=_{7}\omega\mu\rightleftharpoons$

PLATES [01]
(Thicker than SHEETS or FOILS.)
RT Configuration
RT Landau Domain Structure

Plates (Fuel)
USE Fuel Plates

Platform Mounted Nuclear Plant
USE Offshore Nuclear Power Plants

PLATING [01]
(For the process only.)
BT1 Surface Coating
BT2 Deposition
NT1 Electroplating
NT1 Vapor Plating
RT Cladding
RT Rolling

PLATINUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements

PLATINUM 173 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 174 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 175 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLATINUM 176 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 177 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 178 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 179 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 180 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei

BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 181 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 182 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 183 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 184 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 185 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 186 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 187 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 188 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 189 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 190 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLATINUM 191 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 192 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLATINUM 193 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLATINUM 194 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PLATINUM 195 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PLATINUM 196 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PLATINUM 197 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 198 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes
BT1 Stable Isotopes
BT2 Isotopes

PLATINUM 199 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLATINUM 200 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 201 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Platinum Isotopes

PLATINUM 202 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 203 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 204 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 205 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 206 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 207 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM 208 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Platinum Isotopes

PLATINUM ADDITIONS [01]
BT1 Platinum Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

PLATINUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Platinum Additions
NT1 Platinum Base Alloys

PLATINUM BASE ALLOYS [01]
BT1 Platinum Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

PLATINUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

PLATINUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Platinum Bromides
NT1 Platinum Carbides
NT1 Platinum Chlorides
NT1 Platinum Fluorides
NT1 Platinum Hydrides
NT1 Platinum Hydroxides
NT1 Platinum Iodides
NT1 Platinum Oxides
NT1 Platinum Phosphides
NT1 Platinum Silicides
NT1 Platinum Sulfates
NT1 Platinum Sulfides
NT1 Platinum Tellurides

PLATINUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM HYDRIDES
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM HYDROXIDES
DA July 1979
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM IODIDES [01]
DA April 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

PLATINUM ISOTOPES [01]
NT1 Platinum 173
NT1 Platinum 174
NT1 Platinum 175
NT1 Platinum 176
NT1 Platinum 177
NT1 Platinum 178
NT1 Platinum 179
NT1 Platinum 180
NT1 Platinum 181
NT1 Platinum 182
NT1 Platinum 183
NT1 Platinum 184
NT1 Platinum 185
NT1 Platinum 186
NT1 Platinum 187
NT1 Platinum 188
NT1 Platinum 189
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NT1 Platinum 193
NT1 Platinum 194
NT1 Platinum 195
NT1 Platinum 196
NT1 Platinum 197
NT1 Platinum 198
NT1 Platinum 199
NT1 Platinum 200
NT1 Platinum 201
NT1 Platinum 202
NT1 Platinum 203
NT1 Platinum 204
NT1 Platinum 205
NT1 Platinum 206
NT1 Platinum 207
NT1 Platinum 208

PLATINUM METAL ALLOYS
DA February 1975
BT1 Alloys
*NT1 Iridium Alloys
*NT1 Osmium Alloys
*NT1 Palladium Alloys
*NT1 Platinum Alloys
*NT1 Rhodium Alloys
*NT1 Ruthenium Alloys

PLATINUM METALS [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Iridium
NT1 Osmium
NT1 Palladium
NT1 Platinum
NT1 Rhodium
NT1 Ruthenium

PLATINUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM PHOSPHIDES
DA March 1977
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Platinum Compounds
BT2 Transition Element Compounds

PLATINUM SILICIDES [01]
DA August 1978
BT1 Platinum Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

PLATINUM SULFATES
DA July 1976
BT1 Platinum Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

PLATINUM SULFIDES [01]
BT1 Platinum Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

PLATINUM 192 TARGET [01]
DA June 1977
BT1 Targets

PLATINUM 194 TARGET [01]
DA July 1976
BT1 Targets

PLATINUM 195 TARGET [01]
DA July 1976
BT1 Targets

PLATINUM 196 TARGET [01]
DA July 1976
BT1 Targets

PLATINUM 198 TARGET [01]
DA July 1976
BT1 Targets

PLATINUM 235 TARGET [01]
DA July 1976
BT1 Targets

PLATINUM TELLURIDES
DA June 1976
BT1 Platinum Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

PLATR Reactor
USE PRR Reactor

PLATYHELMINTHS [01]
UF *Cercaria*
UF *Worms (Flat)*
BT1 Invertebrates

BT2 Animals
NT1 Cestodes
NT2 Hymenolepis
NT1 Trematodes
NT2 Fasciola
NT2 Hymenolepis
NT2 Schistosoma
NT1 Turbellaria
NT2 Planaria

PLBR REACTOR [01]
(Joint ERDA-EPRI design project.)
DA August 1977
UF *Prototype Large Breeder Reactor*
BT1 LMFBR Type Reactors
BT2 FBR Type Reactors
BT3 Breeder Reactors
BT4 Reactors
BT3 Fast Reactors
BT4 Epithermal Reactors
BT5 Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

Pleasanton USA NTR Reactor
USE NTR Reactor

PLEIADE DEVICE [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

Pleistocene Epoch
DA October 1977
USE Quaternary Period

Plesiotherapy
USE Radiotherapy

PLEURA [01]
BT1 Serous Membranes
BT2 Membranes
RT Chest
RT Lungs
RT Mediastinum

PLEXIGLAS [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyacrylates
BT2 Esters
BT3 Organic Compounds
BT2 Polyvinyls
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers

Pliocene Epoch
DA October 1977
USE Tertiary Period

PLOIDY [01]
NT1 Aneuploidy
NT1 Diploidy
NT1 Haploidy
NT1 Polyploidy
RT Genome Mutations

PLOTTERS [01]
RT Computer Graphics
RT Computer Output Devices
RT Display Devices

Plows (Coal)
DA June 1979
USE Coal Plows

PLOWSHARE PROJECT [01]
UF *Project (Plowshare)*
NT1 Cabriolet Event
NT1 Chariot Event
NT1 Danny Boy Event
NT1 Gasbuggy Event
NT1 Gnome Event
NT1 Hardhat Event
NT1 Marvel Event
NT1 Miniata Event
NT1 Pre-Gondola I Event
NT1 Pre-Gondola II Event
NT1 Rio Blanco Event
NT1 Rulison Event
NT1 Schooner Event
NT1 Sedan Event
NT2 Criticality
NT2 Excursions
NT2 Fission
NT3 Binary Fission
NT3 Electrofission
NT3 Fast Fission
NT3 Photofission
NT3 Quaternary Fission
NT3 Spontaneous Fission
NT3 Ternary Fission
NT3 Thermal Fission
NT2 Fission Products
NT2 Fuel Elements
NT3 Annular Fuel Elements
NT3 Fuel Pins
NT3 Fuel Plates
NT3 Fuel Rods
NT4 Hollow Fuel Rods
NT3 Fuel Spheres
NT3 Fuel Wires
NT3 Spent Fuel Elements
NT3 Thermionic Fuel Elements
NT2 Hybrid Reactors
NT2 Nuclear Engineering
NT2 Nuclear Fuels
NT3 Alloy Nuclear Fuels
NT3 Denatured Fuel
NT3 Dispersion Nuclear Fuels
NT3 Fuel Solutions
NT3 Liquid Metal Fuels
NT3 Molten Salt Fuels
NT3 Spent Fuels
NT2 Reactor Safety
NT2 Reactor Technology
NT2 Spent Fuels
NT1 Sloop Event
NT1 Wagon Wheel Event
RT Contained Explosions
RT Cratering Explosions
RT Nuclear Excavation
RT Nuclear Explosions
RT Surface Explosions
RT Underground Explosions

PLT DEVICES [01]
DA April 1979
UF *Princeton Large Torus*
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

PLUGGING
DA January 1977
RT Oil Wells
RT Permeability
RT Reservoir Rock

Plugs
USE Closures

Plum Brook NASA-TR
USE PBR Reactor

Plum Brook Reactor Facility
USE PBR Reactor

PLUMBATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Lead Compounds
BT1 Oxygen Compounds
RT Lead Oxides

PLUMBBOB PROJECT [01]
UF *Project (Plumbbob)*
RT Nuclear Explosions
RT Nuclear Weapons

PLUMES [01]
RT Air Pollution
RT Gaseous Wastes
RT Liquid Wastes
RT Smokes
RT Stack Disposal
RT Thermal Pollution
RT Waste Heat
RT Water Pollution

PLUMS [01]
BT1 Fruits
BT2 Food

PLURONICS [01]
BT1 Detergents
BT2 Emulsifiers
BT3 Additives
BT2 Wetting Agents
BT3 Surfactants
BT1 Polyethylene Glycols
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

PLUTO PLANET [01]
BT1 Planets

PLUTO REACTOR [01]
UF *Harwell Pluto Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PLUTONIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
BT1 Transuranium Elements
BT2 Elements
NT1 Plutonium-Alpha
NT1 Plutonium-Beta
NT1 Plutonium-Delta
NT1 Plutonium-Epsilon
NT1 Plutonium-Eta
NT1 Plutonium-Gamma
RT Plutonium Recycle

PLUTONIUM 231 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 233 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes

BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 234 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 235 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 236 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 237 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 239 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 241 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 242 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 243 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 244 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PLUTONIUM 245 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 246 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 248 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM 250 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Plutonium Isotopes
BT2 Actinide Isotopes

PLUTONIUM ADDITIONS [01]
BT1 Plutonium Alloys
BT2 Actinide Alloys
BT3 Alloys

PLUTONIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Plutonium Additions
NT1 Plutonium Base Alloys

PLUTONIUM-ALPHA [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements

BT3 Elements

PLUTONIUM ARSENIDES [01]
DA March 1979
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM BASE ALLOYS [01]
BT1 Plutonium Alloys
BT2 Actinide Alloys
BT3 Alloys

PLUTONIUM-BETA [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

PLUTONIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
BT1 Transuranium Complexes

PLUTONIUM COMPOUNDS [01]
BT1 Actinide Compounds
BT1 Transuranium Compounds
NT1 Plutonium Arsenides
NT1 Plutonium Borides
NT1 Plutonium Bromides
NT1 Plutonium Carbides
NT1 Plutonium Carbonates
NT1 Plutonium Chlorides
NT1 Plutonium Fluorides
NT1 Plutonium Hydrides
NT1 Plutonium Hydroxides
NT1 Plutonium Iodides
NT1 Plutonium Nitrates
NT1 Plutonium Nitrides
NT1 Plutonium Oxides
NT2 Plutonium Dioxide
NT1 Plutonium Perchlorates
NT1 Plutonium Phosphates
NT1 Plutonium Phosphides
NT1 Plutonium Selenides
NT1 Plutonium Sulfates
NT1 Plutonium Sulfides
NT1 Plutonium Tellurides
NT1 Plutonyl Compounds

PLUTONIUM-DELTA [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

PLUTONIUM DIOXIDE [01]
BT1 Plutonium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Plutonium Compounds
BT3 Actinide Compounds
BT3 Transuranium Compounds

PLUTONIUM-EPSILON [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

PLUTONIUM-ETA [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

PLUTONIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM-GAMMA [01]
BT1 Plutonium
BT2 Actinides
BT3 Metals
BT4 Elements
BT2 Transuranium Elements
BT3 Elements

PLUTONIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

PLUTONIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Plutonium 231
NT1 Plutonium 232
NT1 Plutonium 233
NT1 Plutonium 234
NT1 Plutonium 235
NT1 Plutonium 236
NT1 Plutonium 237
NT1 Plutonium 238
NT1 Plutonium 239
NT1 Plutonium 240
NT1 Plutonium 241
NT1 Plutonium 242
NT1 Plutonium 243
NT1 Plutonium 244
NT1 Plutonium 245
NT1 Plutonium 246
NT1 Plutonium 248
NT1 Plutonium 250

PLUTONIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
NT1 Plutonium Dioxide

PLUTONIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM PHOSPHIDES [01]
DA May 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

PLUTONIUM PRODUCTION REACTORS [01]
BT1 Production Reactors
BT2 Reactors
NT1 Calder Hall A-1 Reactor
NT1 Calder Hall A-2 Reactor
NT1 Calder Hall B-3 Reactor
NT1 Calder Hall B-4 Reactor
NT1 Chapelcross-1 Reactor
NT1 Chapelcross-2 Reactor
NT1 Chapelcross-3 Reactor
NT1 Chapelcross-4 Reactor
NT1 G-1 Reactor
NT1 G-2 Reactor
NT1 G-3 Reactor
NT1 Hanford Production Reactors
NT1 N-Reactor
NT1 Windscale Production Reactors

PLUTONIUM REACTORS [01]
BT1 Reactors

NT1 Clementine Reactor
NT1 EBR-1 Reactor
NT1 JATR Reactor
NT1 LAMPRE-1 Reactor
NT1 Masurca Reactor
NT1 Phenix Reactor
NT1 PRCF Reactor
NT1 Proserpine Reactor
NT1 Rapsodie Reactor
NT1 SBR-1 Reactor
NT1 SBR-2 Reactor
NT1 SBR-5 Reactor
NT1 SEFOR Reactor
NT1 Super Phenix Reactor
NT1 ZEEP Reactor
NT1 Zephyr Reactor
RT ALECTO Reactor
RT Beloyarsk-3 Reactor
RT BN-350 Reactor
RT Clinch River Breeder Reactor
RT EBR-2 Reactor
RT PFR Reactor
RT SNEAK Reactor
RT VERA Reactor
RT ZEBRA Reactor
RT Zenith Reactor
RT ZETR Reactor

PLUTONIUM RECYCLE [01]
DA January 1975
BT1 Fuel Cycle
RT CIVEX Process
RT Fuel Cycle Centers
RT Plutonium
DEF Use of plutonium from reprocessed spent fuels in reload fuels.

Plutonium Recycle Critical Facility
USE PRCF Reactor

Plutonium Recycle Test Reactor
USE PRTR Reactor

PLUTONIUM SELENIDES [01]
DA March 1979
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

PLUTONIUM SULFATES [01]
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

PLUTONIUM SULFIDES [01]
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

PLUTONIUM 235 TARGET [01]
DA August 1976
BT1 Targets

PLUTONIUM 236 TARGET [01]
DA November 1977
BT1 Targets

PLUTONIUM 237 TARGET [01]
DA April 1977
BT1 Targets

PLUTONIUM 238 TARGET [01]
DA July 1976
BT1 Targets

PLUTONIUM 239 TARGET [01]
DA July 1976
BT1 Targets

PLUTONIUM 240 TARGET [01]
DA July 1976
BT1 Targets

PLUTONIUM 241 TARGET [01]
DA July 1976
BT1 Targets

PLUTONIUM 242 TARGET [01]
DA July 1976
BT1 Targets

PLUTONIUM 243 TARGET [01]
DA March 1978
BT1 Targets

PLUTONIUM 244 TARGET [01]
DA August 1976
BT1 Targets

PLUTONIUM TELLURIDES [01]
DA April 1976
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

PLUTONYL COMPOUNDS [01]
BT1 Plutonium Compounds
BT2 Actinide Compounds
BT2 Transuranium Compounds

Plymouth Pilgrim Power Reactor
USE Pilgrim-1 Reactor

PM-2A REACTOR [01]
UF *Camp Century Medium Power Plant 2A*
UF *Portable Medium Power Plant 2A*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PM-3A REACTOR [01]
UF *McMurdo Sound Medium Power Plant 3A*
UF *Portable Medium Power Plant 3A*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PM-1 REACTOR [01]
UF *Portable Medium Power Plant 1*
UF *Sundance PM-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PNA
(Polynuclear aromatics.)
DA July 1978
USE Polycyclic Aromatic Hydrocarbons

PNC [01]
DA September 1975
UF *Power Reactor Nuclear Fuel Development Corporation*
BT1 Japanese Organizations
BT2 National Organizations

PNEUMATIC CONTROLLERS [01]
BT1 Control Equipment
BT2 Equipment

PNEUMATIC TRANSPORT [01]
DA June 1975
BT1 Transport
RT Pipelines
RT Pneumatics

PNEUMATICS [01]
BT1 Fluid Mechanics
BT2 Mechanics
RT Hydraulics
RT Pneumatic Transport
DEF Pertaining to or operated by air or other gas.

PNEUMOCOCCUS [01]
UF *Diplococcus Pneumoniae*
BT1 Bacteria
BT2 Microorganisms
RT Pneumonia

PNEUMOCONIOSES [01]
UF *Silicosis*
BT1 Respiratory System Diseases
BT2 Diseases
NT1 Berylliosis
RT Dusts
RT Lungs

PNEUMONIA [01]
BT1 Respiratory System Diseases
BT2 Diseases
NT1 Bronchopneumonia
RT Lungs
RT Pneumococcus

PNEUMONITIS [01]
RT Inflammation
RT Lungs

PNICTIDES
DA September 1976
*NT1 Antimony Alloys
NT1 Arsenides
NT2 Aluminium Arsenides
NT2 Americium Arsenides
NT2 Berkelium Arsenides
NT2 Boron Arsenides
NT2 Cadmium Arsenides
NT2 Californium Arsenides
NT2 Cerium Arsenides
NT2 Cobalt Arsenides
NT2 Curium Arsenides
NT2 Europium Arsenides
NT2 Gadolinium Arsenides
NT2 Gallium Arsenides
NT2 Germanium Arsenides
NT2 Indium Arsenides
NT2 Iron Arsenides
NT2 Magnesium Arsenides
NT2 Manganese Arsenides
NT2 Molybdenum Arsenides
NT2 Neptunium Arsenides
NT2 Nickel Arsenides
NT2 Palladium Arsenides
NT2 Plutonium Arsenides
NT2 Praseodymium Arsenides
NT2 Samarium Arsenides
NT2 Silicon Arsenides
NT2 Silver Arsenides
NT2 Tellurium Arsenides
NT2 Terbium Arsenides
NT2 Thorium Arsenides
NT2 Thulium Arsenides
NT2 Tin Arsenides
NT2 Uranium Arsenides
NT2 Vanadium Arsenides
NT2 Yttrium Arsenides
NT2 Zinc Arsenides
NT2 Zirconium Arsenides
*NT1 Nitrides
*NT1 Phosphides

PNL-CML Reactor
USE CML Reactor

PNL-PRCF Reactor
USE PRCF Reactor

PNPF REACTOR [01]
UF *Organic Moderated Reactor Piqua*

UF *Piqua Nuclear Power Facility*
UF *Piqua Organic Moderated Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 OMR Type Reactors
BT2 Organic Cooled Reactors
BT3 Reactors
BT2 Organic Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PO RIVER [01]
DA August 1976
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Italy

POCKELS CELL
DA February 1978
RT Liquid Crystals
DEF An electronically controllable light modulator or optical switch.

Pocket Calculators
DA November 1978
USE Calculators

Pocket Chambers
USE Condenser Ionization Chambers

PODBIELNIAK CONTACTORS [01]
BT1 Extraction Apparatuses
RT Centrifugation
RT Solvent Extraction

PODOPHYLLIC ACID [01]
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

POINCARE-BERTRAND FORMULA
DA January 1975
RT Transport Theory

POINCARE GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups
NT1 Lorentz Groups
RT Lorentz Transformations

POINT BEACH-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

POINT BEACH-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

POINT CHARGE [01]
BT1 Electric Charges

Point Contacts
USE Electric Contacts

POINT DEFECTS [01]
BT1 Crystal Defects
BT2 Crystal Structure
NT1 Interstitials
NT2 I Centers
NT1 Vacancies
NT2 Color Centers
NT3 A Centers
NT3 B Centers
NT3 E Centers
NT3 F Centers
NT3 H Centers
NT3 I Centers
NT3 M Centers
NT3 Q Centers
NT3 R Centers
NT3 S Centers
NT3 U Centers
NT3 V Centers
NT3 X Centers
NT3 Z Centers
NT2 Frenkel Defects
NT2 Schottky Defects
RT Carriers
RT Holes

POINT KERNELS [01]
DA March 1978
BT1 Kernels
RT Integral Equations
RT Radiation Flux
RT Shielding

POINT LEPREAU-1 REACTOR [01]
DA April 1977
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors

Point Mutations
USE Gene Mutations

POINT POLLUTANT SOURCES
DA November 1977
BT1 Point Sources
BT2 Radiation Sources
RT Air Pollution
RT Mobile Pollutant Sources
RT Water Pollution

POINT SOURCES [01]
BT1 Radiation Sources
NT1 Point Pollutant Sources

Poiseuille Flow
USE Laminar Flow

POISONING [01]
NT1 Samarium Oscillations
NT1 Xenon Oscillations
RT Nuclear Poisons
RT Reactivity
RT Reactor Kinetics

Poisons (Nuclear)
USE Nuclear Poisons

POISSON EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Laplace Equation

POISSON RATIO [01]
BT1 Elasticity
BT2 Tensile Properties
BT3 Mechanical Properties
RT Hooke Law
RT Strains

POKHRAN EVENT [01]
DA January 1976
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions

POLAND [01]
BT1 Europe

Polar Blackout
USE Polar-Cap Absorption

POLAR-CAP ABSORPTION [01]
UF *PCA*
UF *Polar Blackout*
BT1 Absorption
RT Polar Regions
RT Radiowave Radiation
RT Solar Particles

POLAR-CAP AURORAE [01]
BT1 Aurorae
RT Antarctic Regions
RT Arctic Regions
RT Auroral Oval
RT Auroral Zones
RT Ionosphere

POLAR CUSP [01]
DA March 1978
RT Auroral Oval
RT Electron Precipitation
RT Ionosphere
RT Magnetosphere
RT Proton Precipitation

POLAR GAS PROJECT
DA November 1976
RT Canada
RT Natural Gas
RT Pipelines

POLAR REGIONS [01]
NT1 Antarctic Regions
NT2 Antarctica
NT1 Arctic Regions
RT Polar-Cap Absorption

Polar Substorms
USE Magnetic Bays

POLARIMETERS [01]
NT1 Ellipsometers
RT Polarization
RT Radiation Detectors

POLARIZABILITY [01]
BT1 Electrical Properties
BT2 Physical Properties
RT Electric Dipole Moments
RT Polarization
DEF Induced dipole moment to external electric field ratio.

POLARIZATION [01]
(For the process and condition in classical physics only; see also SPIN ORIENTATION.)
RT Depolarization
RT Electrets
RT Faraday Effect
RT Kerr Effect
RT Oriented Nuclei
RT Overhauser Effect
RT Polarimeters
RT Polarizability
RT Polarized Nuclei
RT Stokes Parameters
RT Tagged Photon Method
RT Voigt Effect
RT Wave Forms
RT Wave Propagation

POLARIZATION-ASYMMETRY RATIO [01]
RT Scattering
RT Spin Orientation
RT Targets

POLARIZED BEAMS [01]
BT1 Beams
RT Spin Orientation

POLARIZED NUCLEI
DA February 1975
BT1 Nuclei
RT Polarization

POLARIZED PRODUCTS [01]
(Use only for indexing the products of nuclear reactions or particle interactions.)
RT Nuclear Reactions
RT Particle Interactions

POLARIZED TARGETS [01]
BT1 Targets
RT Spin Orientation

POLAROGRAPHY [01]
RT Electrolysis
RT Quantitative Chemical Analysis

POLARONS [01]
BT1 Quasi Particles

POLIO VIRUS [01]
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
RT Poliomyelitis

POLIOMYELITIS [01]
BT1 Infectious Diseases
BT2 Diseases
BT1 Nervous System Diseases
BT2 Diseases
RT Nervous System
RT Polio Virus

Polish Government Maryla Reactor
USE Maryla Reactor

POLISHING [01]
BT1 Surface Finishing
NT1 Chemical Polishing
NT1 Electropolishing
NT1 Mechanical Polishing
RT Metallography
RT Surface Cleaning

POLITICAL ASPECTS
DA May 1979
BT1 Institutional Factors
RT Government Policies
RT Legal Aspects
RT Public Policy
RT Socio-Economic Factors
DEF Consideration of components of an enterprise or undertaking affecting or affected by political entities.

POLLEN [01]
BT1 Gametes
BT2 Germ Cells
RT Flowers
RT Microspores
RT Reproduction

POLLUTION [01]
NT1 Air Pollution
NT2 Indoor Air Pollution
NT1 Land Pollution
NT1 Noise Pollution
NT1 Thermal Pollution
NT1 Water Pollution
RT Aesthetics
RT Body Burden
RT Chemical Effluents
RT Environment
RT Gas Spills
RT Global Aspects
RT Mobile Pollutant Sources
RT Oil Spills
RT Pesticides
RT Pollution Control Equipment
RT Pollution Regulations

Pollution (Thermal)
USE Thermal Pollution

POLLUTION ABATEMENT
DA February 1978
NT1 Air Pollution Abatement
NT1 Land Pollution Abatement
NT1 Water Pollution Abatement
RT Prevention of Significant Deterioration

POLLUTION CONTROL
DA March 1977
NT1 Air Pollution Control
NT1 Land Pollution Control
NT1 Noise Pollution Control
NT1 Water Pollution Control
RT Pollution Control Equipment

POLLUTION CONTROL AGENCIES
DA November 1976
RT Enforcement
RT Organizing
RT Personnel

POLLUTION CONTROL EQUIPMENT [01]
DA November 1975
BT1 Equipment
NT1 Afterburners
NT1 Air Filters
NT1 Baghouses
NT1 Catalytic Converters
NT1 Electrostatic Precipitators
NT1 Exhaust Recirculation Systems
NT1 Inertial Separators
NT2 Cyclone Separators
NT1 Oil Retention Booms
NT1 PCV Systems
NT1 Rotating Disk Removal Systems
NT1 Scrubbers
NT1 Skimmers
NT1 Weir Oil Recovery Systems
RT Air Cleaning Systems
RT Air Pollution Abatement
RT Catalytic Combustors
RT Environmental Engineering
RT Fabric Filters
RT Fluidized-Bed Combustors
RT Granular Bed Filters
RT Noise Pollution Control
RT Off-Gas Systems
RT Pollution
RT Pollution Control
RT Stack Disposal
RT Sulfur Meters
RT Water Pollution Abatement

POLLUTION LAWS
BT1 Laws
NT1 Clean Air Act
RT Pollution Regulations

POLLUTION REGULATIONS [01]
BT1 Regulations
RT Enforcement
RT Federal Test Procedure
RT Federal Water Pollution Control Act
RT Pollution
RT Pollution Laws
RT Prevention of Significant Deterioration

POLONIUM [01]
BT1 Metals
BT2 Elements
RT Natural Radioactivity

POLONIUM 192 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 193 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 194 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 195 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 196 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 197 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 198 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 199 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 200 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei

BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 201 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 202 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 203 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 204 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 205 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 206 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes

POLONIUM 207 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 208 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 209 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 210 [01]
UF *Radium F*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes

POLONIUM 211 [01]
UF *Actinium C /*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 212 [01]
UF *Thorium C/*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 213 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 214 [01]
UF *Radium C/*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 215 [01]
UF *Actinium A*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 216 [01]
UF *Thorium A*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 217 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Polonium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POLONIUM 218 [01]
UF *Radium A*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Polonium Isotopes

POLONIUM 219 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Polonium Isotopes

POLONIUM 220 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Polonium Isotopes

POLONIUM ADDITIONS [01]
BT1 Polonium Alloys
BT2 Alloys

POLONIUM ALLOYS [01]
BT1 Alloys
NT1 Polonium Additions
NT1 Polonium Base Alloys

POLONIUM BASE ALLOYS [01]
BT1 Polonium Alloys
BT2 Alloys

POLONIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Polonium Compounds

POLONIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Polonium Compounds

POLONIUM COMPLEXES [01]
BT1 Complexes

POLONIUM COMPOUNDS [01]
NT1 Polonium Bromides
NT1 Polonium Chlorides
NT1 Polonium Fluorides
NT1 Polonium Hydroxides
NT1 Polonium Iodides
NT1 Polonium Nitrates
NT1 Polonium Oxides
NT1 Polonium Sulfides

POLONIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Polonium Compounds

POLONIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Polonium Compounds

POLONIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Polonium Compounds

POLONIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

POLONIUM ISOTOPES [01]
NT1 Polonium 192
NT1 Polonium 193
NT1 Polonium 194
NT1 Polonium 195
NT1 Polonium 196
NT1 Polonium 197
NT1 Polonium 198
NT1 Polonium 199
NT1 Polonium 200
NT1 Polonium 201
NT1 Polonium 202
NT1 Polonium 203
NT1 Polonium 204
NT1 Polonium 205
NT1 Polonium 206
NT1 Polonium 207
NT1 Polonium 208
NT1 Polonium 209
NT1 Polonium 210
NT1 Polonium 211
NT1 Polonium 212
NT1 Polonium 213
NT1 Polonium 214
NT1 Polonium 215
NT1 Polonium 216
NT1 Polonium 217
NT1 Polonium 218
NT1 Polonium 219
NT1 Polonium 220

POLONIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Polonium Compounds

POLONIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Polonium Compounds

POLONIUM SULFIDES [01]
BT1 Polonium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

POLONIUM 210 TARGET [01]
DA July 1976
BT1 Targets

Poloridal Divertor Experiment
DA November 1977
USE PDX Devices

POLYACETALS [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Formvar
NT1 Polyoxymethylenes
RT Acetals
RT Cellulose
RT Chitin
RT Inulin
RT Lignin
RT Starch

POLYACRYLATES [01]
UF *Acrylic Polymers*
BT1 Esters
BT2 Organic Compounds
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
NT1 Lucite
NT1 Perspex
NT1 Plexiglas
RT Methacrylic Acid

POLYAMIDES [01]
UF *Dow Pusher 700*
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Nylon
NT1 Polyurethanes
NT2 Halthane
RT Albumins
RT Amides
RT Proteins

POLYATOMIC MOLECULES
DA October 1975
BT1 Molecules
DEF A chemical molecule with three or more atoms.

POLYCARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds

POLYCRYSTALS [01]
BT1 Crystals

POLYCYCLIC AROMATIC HYDROCARBONS
DA August 1976
UF *PAH*
UF *PNA*
UF *Polynuclear Aromatic Hydrocarbons*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 3-Methylcholanthrene
RT Carcinogens
RT Mutagens

POLYCYTHEMIA [01]
BT1 Hemic Diseases
BT2 Diseases
RT Bone Marrow
RT Myeloid Leukemia

POLYENES [01]
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Dienes
NT2 Allene
NT2 Butadiene
NT2 Cyclopentadiene
NT2 Ferrocene
NT2 Isoprene
NT2 Pentadienes
NT1 Squalene
RT Alkenes

POLYESTERS [01]
UF *Polyethylene Terphthalate*
BT1 Esters
BT2 Organic Compounds
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Dacron
NT1 Homalite
NT1 Laminac
NT1 Mylar

Polyethers
USE Polyethylene Glycols

POLYETHYLENE GLYCOLS [01]
UF *Crown Ethers*
UF *Polyethers*
UF *Polyethylene Oxides*
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Carbowax
NT1 Pluronics
RT Ethers
RT Glycols

Polyethylene Oxides
DA May 1976
USE Polyethylene Glycols

Polyethylene Terphthalate
DA April 1975
USE Polyesters

POLYETHYLENES [01]
UF *Ethylene Polymers*
UF *Polythene*
BT1 Polyolefins
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
NT1 KEL-F
NT1 Marlex
NT1 Polytetrafluoroethylene
NT2 Teflon
RT Glazing Materials

Polyhydroxyaromatics
USE Polyphenols

POLYISOPRENE [01]
BT1 Elastomers
BT2 Polymers
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
RT Isoprene

Polymer Flooding
DA June 1976
SEE Microemulsion Flooding
OR Waterflooding

POLYMERASES [01]
UF+ *RNA Polymerase*
BT1 Enzymes

POLYMERIZATION [01]
UF+ *Radiation Hardening (Chemical)*
UF+ *Radiopolymerization*
BT1 Chemical Reactions
NT1 Copolymerization
NT1 Cross-Linking
NT1 Dimerization
NT1 Telomerization
RT Curing
RT Depolymerization
RT Molecular Weight
RT Monomers
RT Plasticizers

POLYMERS [01]
NT1 Elastomers
NT2 Neoprene
NT2 Polyisoprene
NT2 Rubbers
NT3 Buna
NT3 Latex
NT3 Natural Rubber
NT3 Silastic
NT3 Viton
NT1 Hydrophylic Polymers
NT1 Inorganic Polymers
*NT1 Organic Polymers
NT1 Silicones
NT2 DC Resins
NT2 Silastic
RT Colorimetric Dosemeters
RT Dielectric Track Detectors
RT Dimers
RT Monomers

POLYMETALLIC ORES [01]
BT1 Ores

POLYNEUTRONS [01]
DA March 1977
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
NT1 Dineutrons
NT1 Trineutrons
DEF Particle-stable many-body system composed of neutrons.

POLYNOMIALS [01]
UF *Tschebyscheff Approximation*
BT1 Functions
NT1 Hermite Polynomials
NT1 Laguerre Polynomials
NT1 Legendre Polynomials
RT Mathematics
RT Newton Method
RT Spline Functions

Polynuclear Aromatic Hydrocarbons
DA August 1976
USE Polycyclic Aromatic Hydrocarbons

POLYOLEFINS [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Polyethylenes
NT2 KEL-F
NT2 Marlex
NT2 Polytetrafluoroethylene
NT3 Teflon
NT1 Polypropylene
NT1 Polystyrene
NT1 Polystyrene-DVB

POLYOMA VIRUS [01]
BT1 Oncogenic Viruses
BT2 Viruses
BT3 Microorganisms
BT3 Parasites

POLYOXYMETHYLENES [01]
BT1 Polyacetals
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Formaldehyde

POLYPEPTIDES [01]
BT1 Peptides
BT2 Proteins
BT3 Organic Compounds
NT1 Calcitonin
NT1 Enkephalins
NT1 Gastrin
NT1 Glucagon
NT1 Glutathione
RT Somatostatin

POLYPHENOLS [01]
UF *Dihydroxyaromatics*
UF *Polyhydroxyaromatics*
UF *Trihydroxyaromatics*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
NT1 Arsenazo
NT1 Aurin
NT1 Bromosulfophthalein
NT1 Catecholamines
NT1 Curcumin
NT1 Dopamine
NT1 Fluorescein
NT2 Erythrosine
NT1 Hematoxylin
NT1 Morin
NT1 Pyridylazoresorcinol
NT1 Pyrocatechol
NT1 Pyrogallol
NT1 Quercetin
NT1 Resorcinol
NT1 Stilbestrol
NT1 Tannic Acid
NT1 Tiron

POLYPHENYLS [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Santowax
NT1 Terphenyls
NT2 Terphenyl-Meta
NT2 Terphenyl-Ortho
NT2 Terphenyl-Para
RT Organic Coolants
RT Organic Moderators
RT Organic Polymers

POLYPLOIDY [01]
UF *Tetraploidy*
BT1 Ploidy
RT Colchicine
RT Genome Mutations

POLYPROPYLENE [01]
BT1 Polyolefins
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Propylene

POLYSACCHARIDES [01]
BT1 Saccharides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Agar
NT1 Alginic Acid
NT1 Cellophane
NT1 Cellulose
NT1 Dextran
NT1 Dextrin
NT1 Glycogen
NT1 Gum Acacia
NT1 Hemicellulose
NT2 Xylans
NT1 Inulin
NT1 Lignin
NT1 Lipopolysaccharides
NT1 Mucopolysaccharides
NT2 Chitin
NT2 Chondroitin
NT2 Heparin
NT2 Hyaluronic Acid
NT1 Mucoproteins
NT2 Haptoglobins
NT2 Intrinsic Factor
NT2 Phytohemagglutinin
NT1 Nitrocellulose
NT1 Pectins
NT1 Rayon
NT1 Sialic Acid
NT1 Starch
NT1 Viscose
RT Endotoxins
RT Lysozyme
RT Pyrogens
RT Zymosan

POLYSTYRENE [01]
UF *Styrene Polymers*
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyolefins
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
RT Styrene

POLYSTYRENE-DVB [01]
UF *Styrene-Divinylbenzene Copolymer*
BT1 Organic Ion Exchangers
BT2 Ion Exchange Materials

BT1 Polyolefins
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

Polysulfides
USE Sulfides

POLYTETRAFLUOROETHYLENE
DA May 1978
UF *PTFE*
BT1 Fluorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT1 Polyethylenes
BT2 Polyolefins
BT3 Organic Polymers
BT4 Organic Compounds
BT4 Polymers
NT1 Teflon

Polythene
USE Polyethylenes

Polythionates
USE Oxygen Compounds
AND Sulfur Compounds

Polythionic Acids
USE Inorganic Acids
AND Oxygen Compounds
AND Sulfur Compounds

POLYURETHANES [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyamides
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
NT1 Halthane
RT Urethane

Polyvinyl Alcohol
USE PVA

Polyvinyl Chloride
USE PVC

Polyvinylpyrrolidone
USE PVP

POLYVINYLS [01]
UF *Vinoflex*
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Polyacrylates
NT2 Lucite
NT2 Perspex
NT2 Plexiglas
NT1 Polystyrene
NT1 PVA
NT1 PVC
NT1 PVP
NT1 Tedlar
RT Glazing Materials

POMERANCHUK PARTICLES [01]
UF *Pomerons*
BT1 Mesons
BT2 Bosons
BT2 Hadrons
BT3 Elementary Particles
BT1 Postulated Particles
BT2 Elementary Particles
RT Morrison Rule
RT Regge Poles

POMERANCHUK POLES [01]
RT Regge Poles

POMERANCHUK THEOREM [01]
RT Antiparticle Beams
RT Interactions
RT Particle Beams
RT Total Cross Sections

Pomerons
USE Pomeranchuk Particles

PONDS
DA February 1975
UF *Pools*
NT1 Cooling Ponds
NT1 Solar Ponds
NT2 Roof Ponds
RT Lakes

Ponds (Cooling)
DA February 1975
USE Cooling Ponds

POOL BOILING [01]
BT1 Boiling
BT2 Phase Transformations

Pool Critical Assembly ORNL
USE ORNL-PCA Reactor

Pool Event
DA June 1977
USE Anvil Project

Pool Test Reactor Chalk River
USE PTR Reactor

POOL TYPE REACTORS [01]
UF *Swimming Pool Reactors*
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 Agata Reactor
NT1 AMRR Reactor
NT1 Apsara Reactor
NT1 ARMF-1 Reactor
NT1 ARMF-2 Reactor
NT1 ASTRA Reactor
NT1 ATRC Reactor
NT1 Avogadro RS-1 Reactor
NT1 AZUR Reactor
NT1 BARN Reactor
NT1 BAWTR Reactor
NT1 BER-2 Reactor
NT1 BRR Reactor
NT1 BSR-1 Reactor
NT1 BSR-2 Reactor
NT1 Cabri Reactor
NT1 Consort-2 Reactor
NT1 CP-6 Reactor
NT1 Crocus Reactor
NT1 CWRR Reactor
NT1 Democritus Reactor
NT1 DR-2 Reactor
NT1 EER Reactor
NT1 ETRC Reactor
NT1 FMRB Reactor
NT1 FNR Reactor
NT1 FRG-1 Reactor
NT1 FRG-2 Reactor
NT1 FRJ-1 Reactor
NT1 FRM Reactor
NT1 FRN Reactor
NT1 GTR Reactor
NT1 Gulf TRIGA-Mk-3 Reactor
NT1 Herald Reactor
NT1 HOR Reactor
NT1 Horace Reactor
NT1 HTR Reactor
NT1 IAN-R1 Reactor
NT1 IEAR-1 Reactor
NT1 IRL Reactor
NT1 IRR-1 Reactor
NT1 IRT-A Reactor
NT1 IRT-Accra Reactor
NT1 IRT-B Reactor
NT1 IRT-C Reactor
NT1 IRT-D Reactor
NT1 IRT-2000 Djakarta Reactor
NT1 IRT-E Reactor
NT1 IRT-F Reactor
NT1 IRT-2000 Moscow Reactor
NT1 IRT Reactor
NT1 IRT-Sofia Reactor
NT1 Isis Reactor
NT1 JEN Reactor
NT1 JEN-1 Reactor
NT1 JEN-2 Reactor
NT1 JRR-4 Reactor
NT1 KUR Reactor
NT1 Lido Reactor
NT1 LPR Reactor
NT1 LPTR Reactor
NT1 LTIR Reactor
NT1 Maria Reactor
NT1 Maryla Reactor
NT1 Melusine-1 Reactor
NT1 Merlin Reactor
NT1 Minerve Reactor
NT1 MNR Reactor
NT1 NCA Reactor
NT1 NCSCR-3 Reactor
NT1 NRR Reactor
NT1 NSCR Reactor
NT1 OSUR Reactor
NT1 PARR Reactor
NT1 PRPR Reactor
NT1 PRR-1 Reactor
NT1 PSTR Reactor
NT1 PTR Reactor
NT1 Pulstar-Buffalo Reactor
NT1 Pulstar-Raleigh Reactor
NT1 PUR-1 Reactor
NT1 R2-0 Reactor
NT1 Rana Reactor
NT1 RER Reactor
NT1 RINSC Reactor
NT1 RITMO Reactor
NT1 RTS-1 Reactor
NT1 RV-1 Reactor
NT1 Saphir Reactor
NT1 Siloe Reactor
NT1 Siloette Reactor
NT1 Slowpoke-Ottawa Reactor
NT1 Slowpoke-Toronto Reactor
NT1 SPERT-4 Reactor
NT1 Stanford Pool Reactor
NT1 STEK Reactor
NT1 STIR Reactor
NT1 Swierk R-2 Reactor
NT1 Thetis Reactor
NT1 THOR Reactor
NT1 Toshiba Reactor
NT1 TR-1 Reactor
NT1 Triton Reactor
NT1 TRR-1 Reactor
NT1 UCNR Reactor
NT1 UKNR Reactor
NT1 UMNE-1 Reactor
NT1 UMRR Reactor
NT1 UTRR Reactor
NT1 UVAR Reactor
NT1 UWNR Reactor
NT1 WPIR Reactor
NT1 WSUR Reactor

Pools
DA February 1975
USE Ponds

Poor People
DA April 1978
USE Low Income Groups

POP [01]
UF *Hydroxypropiophenone*
BT1 Ketones
BT2 Organic Compounds
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds

POPAE
(Protons On Protons And Electrons storage ring facility at Fermilab.)
DA November 1975
BT1 Storage Rings
RT Fermilab Accelerator

POPLARS [01]
BT1 Trees

BT2 Plants

POPOP [01]
UF *Bis(phenyloxazolyl)benzene*
BT1 Oxazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds

POPULATION DENSITY [01]
UF *Density (Population)*
RT Population Dynamics
RT Populations

POPULATION DYNAMICS [01]
RT Competition
RT Ecosystems
RT Elderly People
RT Equilibrium
RT Growth
RT Migration
RT Population Density
RT Population Relocation
RT Populations
RT Reproduction

POPULATION INVERSION [01]
RT Energy Levels

POPULATION RELOCATION
DA April 1978
RT Accidents
RT Civil Defense
RT Human Populations
RT Population Dynamics
RT Populations

POPULATIONS [01]
UF *Colonies*
UF+ *Caste (Insects)*
NT1 Human Populations
NT2 American Indians
NT2 Eskimos
NT2 Lapps
NT2 Rural Populations
NT2 Urban Populations
RT Age Groups
RT Biosphere
RT Communities
RT Ecosystems
RT Environment
RT Genetically Significant Dose
RT Population Density
RT Population Dynamics
RT Population Relocation
RT Species Diversity

PORCELAIN [01]
RT Ceramics

Pore Structure
DA June 1977
USE Microstructure
AND Porosity

Pork
USE Meat

POROSIMETERS [01]
BT1 Measuring Instruments

POROSITY [01]
UF+ *Pore Structure*
RT Ceramography
RT Defects
RT Leaks
RT Permeability
RT Porous Materials
RT Sintering

POROUS MATERIALS [01]
DA September 1976
BT1 Materials
RT Porosity

PORPHYRA [01]
BT1 Algae
BT2 Plants

PORPHYRINS [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Chlorophyll
NT1 Etioporphyrins
NT1 Hematoporphyrins
NT1 Heme
NT1 Hemoglobin
NT2 Methemoglobin
NT1 Hemosiderin
NT1 Myoglobin
NT1 Peroxidases
NT1 Protoporphyrins
RT Pigments

PORT RADIUM [01]
BT1 Northwest Territories
BT2 Canada
BT3 North America

Portable Medium Power Plant 1
USE PM-1 Reactor

Portable Medium Power Plant 2A
USE PM-2A Reactor

Portable Medium Power Plant 3A
USE PM-3A Reactor

PORTABLE SOURCES [01]
BT1 Radiation Sources

PORTAL SYSTEM [01]
BT1 Veins
BT2 Blood Vessels
BT3 Cardiovascular System
RT Intestinal Absorption
RT Intestines
RT Liver

PORTER-THOMAS DISTRIBUTION [01]
RT Compound Nuclei
RT Level Widths

PORTEVIN-LE CHATELIER EFFECT
DA January 1975
BT1 Deformation
RT Crystals
RT Solids
DEF The continually repeating non-smooth deformation of a specimen when subjected to a uniformly increasing stress.

PORTLAND CEMENT
DA June 1975
BT1 Cements
BT2 Building Materials
BT3 Materials
RT Cement Industry
RT Spent Shales

PORTMANTEAV EVENT
DA December 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

Ports
DA April 1975
USE Harbors

PORTSKEWETT REACTOR [01]
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

PORTSMOUTH GASEOUS DIFFUSION PLANT [01]
DA December 1975
UF *Portsmouth Plant*
BT1 Gaseous Diffusion Plants
BT2 Isotope Separation Plants
BT3 Industrial Plants
BT3 Nuclear Facilities
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Portsmouth Plant
DA May 1976
USE Portsmouth Gaseous Diffusion Plant

PORTUGAL [01]
BT1 Europe
NT1 Azores Islands

Portuguese JEN Research Reactor
USE JEN Reactor

Position (Optical)
USE Coordinates

Position (Radio)
USE Coordinates

Position Dependence
DA August 1979
USE Spatial Dependence

Position Indicators
USE Displacement Gages

POSITION OPERATORS [01]
BT1 Quantum Operators
BT2 Mathematical Operators
RT Coordinates

POSITION SENSITIVE DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Counting Techniques

POSITIONING
DA March 1977
RT Emplacement
RT Offshore Platforms
RT Pipelines
RT Ships
RT Thrusters

POSITIVE COLUMN [01]
RT Electric Discharges

Positive Crankcase Ventilation Systems
DA March 1979
USE PCV Systems

POSITIVE EXCESS [01]
RT Cosmic Radiation
RT Electric Charges

Positive Ions
USE Cations

POSITRON-ATOM COLLISIONS [01]
BT1 Atom Collisions
BT2 Collisions
BT1 Positron Collisions
BT2 Collisions

POSITRON BEAMS [01]
UF *Beta Beams (Positrons)*
BT1 Lepton Beams
BT2 Particle Beams
BT3 Beams
RT Positrons

POSITRON CAMERAS [01]
BT1 Gamma Cameras
BT2 Cameras
RT Coincidence Methods
RT Positron Detection
RT Radioisotope Scanners
DEF Coincidence gamma cameras for positorn annihilation imaging.

POSITRON CHANNELING [01]
BT1 Channeling

POSITRON COLLISIONS [01]
BT1 Collisions
NT1 Electron-Positron Collisions
NT1 Photon-Positron Collisions
NT1 Positron-Atom Collisions
NT1 Positron-Ion Collisions
NT1 Positron-Molecule Collisions

Positron Decay
USE Beta-Plus Decay

POSITRON DETECTION
DA April 1979
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Beta Detection
RT Electron Detection
RT Positron Cameras

Positron-Electron-Proton Storage Ring
USE PEP Storage Rings

POSITRON-ION COLLISIONS [01]
BT1 Ion Collisions
BT2 Collisions
BT1 Positron Collisions
BT2 Collisions

POSITRON-MOLECULE COLLISIONS [01]
BT1 Molecule Collisions
BT2 Collisions
BT1 Positron Collisions
BT2 Collisions

POSITRON REACTIONS [01]
DA November 1977
BT1 Lepton Reactions
BT2 Nuclear Reactions

POSITRON SOURCES [01]
DA October 1975
BT1 Particle Sources
BT2 Radiation Sources

POSITRONIUM [01]
RT Atoms
RT Electrons
RT Muonium
RT Positronium Chemistry
RT Positronium Compounds
RT Positrons
RT Protonium

POSITRONIUM CHEMISTRY
DA December 1975
RT Chemistry
RT Positronium
RT Radiation Chemistry

POSITRONIUM COMPOUNDS
DA May 1977
RT Positronium
DEF Atom/positron systems of type exemplified by $[X^-;e^+]$.

POSITRONS [01]
BT1 Antileptons
BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
NT1 Cosmic Positrons
RT Beta Particles
RT Electron Pairs
RT Electrons
RT Positron Beams
RT Positronium

POST-IRRADIATION THERAPY [01]
BT1 Therapy
RT Biological Recovery
RT Blood Substitutes

POSTULATED PARTICLES [01]
BT1 Elementary Particles
NT1 Beauty Particles
NT1 Charm Particles
NT2 Charmed Baryon Resonances
NT3 C-2260 Resonances
NT3 Lambda-2250 Resonances
NT2 Charmed Meson Resonances
NT3 D Resonances
NT4 D-1865 Resonances
NT4 D-2007 Resonances
NT3 F-2030 Resonances
NT3 F*Resonances
NT1 Dyons
NT1 Gluons
NT1 Goldstone Bosons
NT2 Axions
NT1 Grace Particles
NT1 Gravitons
NT1 Heavy Leptons
NT2 Heavy Neutral Muons
NT2 Tau Neutrinos
NT2 Tau Particles
NT1 Intermediate Bosons
NT2 Higgs Bosons
NT2 Intermediate Vector Bosons
NT1 Magnetic Monopoles
NT1 Pomeranchuk Particles
NT1 Quarks
NT1 Spurions
NT1 Tachyons
NT1 Taste Particles
NT1 Urbaryons

POTASSIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

POTASSIUM 35 [01]
DA February 1975
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 36 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 37 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POTASSIUM 38 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POTASSIUM 39 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

POTASSIUM 40 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Natural Radioactivity

POTASSIUM 41 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Potassium 41 Beams

POTASSIUM 42 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 43 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 44 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 45 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 46 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 47 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM 48 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POTASSIUM 49 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

POTASSIUM 50 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Potassium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

POTASSIUM ADDITIONS [01]
BT1 Potassium Alloys
BT2 Alloys

POTASSIUM ALLOYS [01]
BT1 Alloys
NT1 Potassium Additions
NT1 Potassium Base Alloys

POTASSIUM BASE ALLOYS [01]
BT1 Potassium Alloys
BT2 Alloys

POTASSIUM 39 BEAMS [01]
DA September 1976
BT1 Ion Beams
BT2 Beams

POTASSIUM 41 BEAMS [01]
DA August 1976
BT1 Ion Beams
BT2 Beams
RT Potassium 41

POTASSIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
NT1 Carnallite

POTASSIUM COMPLEXES [01]
BT1 Alkali Metal Complexes
BT2 Complexes

POTASSIUM COMPOUNDS [01]
BT1 Alkali Metal Compounds
NT1 Potassium Borides
NT1 Potassium Bromides
NT1 Potassium Carbides
NT1 Potassium Carbonates
NT1 Potassium Chlorides
NT2 Carnallite
NT1 Potassium Fluorides
NT1 Potassium Hydrides
NT1 Potassium Hydroxides
NT1 Potassium Iodides
NT1 Potassium Nitrates
NT1 Potassium Nitrides
NT1 Potassium Oxides
NT2 Clarkeite
NT2 Compreignacite
NT1 Potassium Perchlorates
NT1 Potassium Permanganates
NT1 Potassium Phosphates
NT1 Potassium Selenides
NT1 Potassium Silicates
NT2 Boltwoodite
NT1 Potassium Silicides
NT1 Potassium Sulfates
NT2 Alunite
NT1 Potassium Sulfides
NT1 Potassium Tellurides
NT1 Potassium Tungstates
NT1 Potassium Uranates
NT1 Rochelle Salt

POTASSIUM COOLED REACTORS [01]
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 EBR-1 Reactor
NT1 SER Reactor
NT1 Snap 4 Reactor
NT1 SNAP 10 Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT1 SNAP-TSF Reactor
NT1 SNAPTRAN Reactors
RT NaK Cooled Reactors

POTASSIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM IODIDES [01]
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
RT Lugol

POTASSIUM IONS [01]
BT1 Ions
BT2 Charged Particles

POTASSIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Potassium 35
NT1 Potassium 36
NT1 Potassium 37
NT1 Potassium 38
NT1 Potassium 39
NT1 Potassium 40
NT1 Potassium 41
NT1 Potassium 42
NT1 Potassium 43
NT1 Potassium 44
NT1 Potassium 45
NT1 Potassium 46
NT1 Potassium 47
NT1 Potassium 48
NT1 Potassium 49
NT1 Potassium 50

POTASSIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
NT1 Clarkeite
NT1 Compreignacite

POTASSIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM PERMANGANATES
DA September 1975
BT1 Permanganates
BT2 Manganese Compounds
BT3 Transition Element Compounds
BT2 Oxygen Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Potassium Compounds
BT2 Alkali Metal Compounds

POTASSIUM SELENIDES
DA April 1978
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

POTASSIUM SILICATES [01]
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Boltwoodite

POTASSIUM SILICIDES [01]
DA January 1977
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

POTASSIUM SULFATES [01]
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Alunite

POTASSIUM SULFIDES [01]
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

POTASSIUM 39 TARGET [01]
DA July 1976
BT1 Targets

POTASSIUM 40 TARGET [01]
DA July 1976
BT1 Targets

POTASSIUM 41 TARGET [01]
DA July 1976
BT1 Targets

POTASSIUM TELLURIDES
DA January 1978
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

POTASSIUM TUNGSTATES [01]
DA January 1976
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Tungstates

POTASSIUM URANATES [01]
DA August 1975
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

Potato Plant
USE Solanum Tuberosum

Potato Tubers
USE Potatoes

POTATOES [01]
UF *Potato Tubers*
BT1 Tubers
BT1 Vegetables
BT2 Food
RT Solanum Tuberosum
RT Sprout Inhibition

Potential (Electric)
DA March 1979
USE Electric Potential

Potential Barriers
DA April 1979
USE Potentials

POTENTIAL ENERGY [01]
BT1 Energy
RT Central Potential
RT Energy Recovery
RT Kinetic Energy
RT Lagrangian Function
RT Landau-Zener Formula
RT Potentials

POTENTIAL FLOW [01]
BT1 Fluid Flow

POTENTIAL SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering
RT Coulomb Scattering
RT Potentials

POTENTIALS
(Not for ELECTRIC POTENTIAL.)
DA April 1979
UF *Potential Barriers*
NT1 Central Potential
NT1 Gartenhaus Potential
NT1 Levy-Klein Potential
NT1 Morse Potential
NT1 Muffin-Tin Potential
NT1 Nonlocal Potential
NT1 Nuclear Potential
NT2 Fission Barrier
NT2 Hard-Core Potential
NT2 Harmonic Potential
NT2 Hulthen Potential
NT2 Soft-Core Potential
NT2 Square-Well Potential
NT2 Woods-Saxon Potential
NT2 Yukawa Potential
NT1 Nucleon-Nucleon Potential
NT2 Gammel-Brueckner Potential
NT2 Gauss Potential
NT2 Hamada-Johnston Potential
NT2 Reid Potential
NT2 Schiffer Potential
NT2 Signell-Marshak Potential
NT2 Skyrme Potential
NT2 Surface Delta Potential
NT2 Yamaguchi Potential
NT1 Ope Potential
NT2 Gammel-Thaler Potential
NT1 Surface Potential
NT1 Tabakin Potential
RT Interatomic Forces
RT Intermolecular Forces
RT Noncentral Forces
RT Nuclear Forces
RT Potential Energy
RT Potential Scattering
RT Rosenfeld Force

POTENTIOMETERS
DA January 1975
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments
RT Potentiostats
RT Resistors

POTENTIOMETRY [01]
BT1 Titration
RT Quantitative Chemical Analysis
RT Quinhydrone
RT Redox Potential

POTENTIOSTATS
DA March 1979
BT1 Measuring Instruments
RT Potentiometers
RT Titration
RT Voltametry
DEF Automatic instrument that controls the potential of a working electrode during coulometric titrations.

POTHEADS
DA March 1977
BT1 Electrical Equipment
BT2 Equipment
RT Connectors
DEF A hermetically sealed termination for an electric cable.

POTOMAC RIVER [01]
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Maryland
RT Virginia
RT West Virginia

Potorous
USE Marsupials

POTT-BROCHE PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF Direct conversion of coal to synthetic crude oil by hydrogenation after solvent extraction.

POTTING
DA April 1979
RT Electrical Equipment
RT Electronic Equipment
RT Encapsulation
RT Potting Materials
DEF Encapsulation of electrical or electronic equipment with a shock-absorbing dielectric material.

POTTING MATERIALS
DA March 1979
BT1 Materials
RT Electrical Equipment
RT Electronic Equipment

RT Potting
DEF Shock-absorbing dielectric materials used for encapsulating electrical or electronic equipment.

Poultry
USE Fowl

POUR POINT
DA January 1975
RT Fluids
RT Liquids
DEF The lowest temperature at which a substance flows under specified conditions.

POWDER METALLURGY [01]
BT1 Metallurgy
RT Compacting
RT Powders
RT Sintered Materials
RT Sintering

POWDERS [01]
RT Compacts
RT Debye-Scherrer Method
RT Dusts
RT Elutriation
RT Particle Size
RT Particles
RT Powder Metallurgy
RT Sintered Materials

POWER [01]
NT1 Electric Power
NT2 Bonneville Power Administration
NT2 Hydroelectric Power
NT2 Off-peak Power
NT1 Nuclear Power
NT2 Residual Power
NT1 Wind Power
RT Power Distribution
RT Power Input
RT Power Range 1-10 GW
RT Power Range 10-100 GW
RT Power Range 100-1000 GW
RT Power Range 1-10 kW
RT Power Range 10-100 kW
RT Power Range 100-1000 kW
RT Power Range milli W
RT Power Range 1-10 MW
RT Power Range 10-100 MW
RT Power Range 100-1000 MW
RT Power Range 1-10 W
RT Power Range 10-100 W
RT Power Range 100-1000 W
RT Thermonuclear Reactors

POWER AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

Power Burst Facility USAEC
USE PBF Reactor

POWER COEFFICIENT [01]
BT1 Reactivity Coefficients

POWER CONDITIONING CIRCUITS
DA January 1975
BT1 Electronic Circuits
RT DC to DC Converters
RT Inverters
RT Power Supplies

POWER-COOLING-MISMATCH ACCIDENTS [01]
DA January 1975
UF *PCM Accidents*
BT1 Reactor Accidents
BT2 Accidents

POWER DEMAND [01]
DA February 1975
RT Demand Factors
RT Electric Power
RT Energy Demand
RT Fill Factors
RT Off-peak Power

POWER DENSITY [01]
UF *Density (Power)*
NT1 Wall Loading
RT Neutron Density
RT Power Distribution
RT Reactor Cores
RT Reactor Lattices

POWER DISTRIBUTION [01]
DA July 1975
RT Energy Transport
RT Power
RT Power Density
RT Reactor Cores
DEF The generation of heat within the reactor core or portions of the core, usually estimated for the radial and axial directions. Calculations involve determination of the local neutron-flux distributions under various operating conditions at different times during core life.

Power Excursions
USE Excursions

POWER FACTOR
DA September 1977
UF *Phase Factor*
RT Interconnected Power Systems
RT Power Generation
RT Power Systems
RT Power Transmission
DEF The ratio of the average or active power to the apparent power.

POWER GENERATION [01]
DA February 1975
NT1 Co-Generation
RT Capacity
RT Dual-Purpose Power Plants
RT Electric Power
RT Fill Factors
RT Flood Control
RT Interconnected Power Systems
RT Power Factor
RT Power Substations
RT Power Systems
RT Refuse-Fueled Power Plants
RT Resource Recovery Facilities
RT Wave Power

POWER INPUT
DA September 1977
UF *Wattage*
RT Power
DEF Power required to operate machinery or appliance.

POWER LOSSES
DA January 1979
BT1 Energy Losses
BT2 Losses
NT1 Line Losses
RT Electric Power
RT Power Transmission

POWER METERS
DA January 1978
UF *Watt-Hour Meters*
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments
RT Electric Power
RT Energy Consumption
RT Peak-Load Pricing

POWER PLANTS [01]
UF *Plants (Power)*
NT1 Dual-Purpose Power Plants
NT1 Fuel Cell Power Plants
NT1 Hydroelectric Power Plants
NT2 High-Head Hydroelectric Power Plants
NT2 Low-Head Hydroelectric Power Plants
NT2 Medium-Head Hydroelectric Power Plants
NT2 Pumped Storage Power Plants
NT1 MHD Power Plants
NT2 MHD Generator ETF
NT1 Peaking Power Plants
NT2 Compressed Air Storage Power Plants
NT2 Pumped Storage Power Plants
NT1 Solar Power Plants
NT2 Ocean Thermal Power Plants
NT2 Orbital Solar Power Plants
NT2 Photovoltaic Power Plants
NT3 Solar Cell Arrays
NT2 Solar Thermal Power Plants
NT3 Distributed Collector Power Plants
NT3 Tower Focus Power Plants
NT1 Thermal Power Plants
NT2 Combined-Cycle Power Plants
NT3 MHD Generator ETF
NT2 Fossil-Fuel Power Plants
NT3 Paradise Steam Plant
NT3 San Juan Power Plant
NT3 Widows Creek Steam Plant
NT2 Geothermal Power Plants
NT2 Nuclear Power Plants
NT3 BOPSSAR Standard Plant
NT3 Ebasco Standard Plant
NT3 Gibbssar Standard Plant
NT3 Offshore Nuclear Power Plants
NT4 Atlantic-2 Reactor
NT3 Swessar Standard Plant
NT3 Underground Nuclear Stations
NT2 Refuse-Fueled Power Plants
NT1 Thermonuclear Power Plants
NT1 Tidal Power Plants
NT2 Kislogubsk Power Plant
NT2 Passamaquoddy Power Plant
NT2 Rance Power Plant
NT1 Wind Power Plants
NT2 EFD Wind Generators
RT Combined Cycles
RT Electric Power
RT Off-peak Power
RT Power Substations
RT Power Systems
RT Rankine Cycle Power Systems

POWER POTENTIAL
DA January 1975
RT Electric Power

POWER RANGE 1-10 GW
DA June 1975
RT Power

POWER RANGE 10-100 GW
DA September 1975
RT Power

POWER RANGE 100-1000 GW
DA September 1975
RT Power

POWER RANGE 1-10 KW
DA April 1975
RT Power

POWER RANGE 10-100 KW
DA April 1975
RT Power

POWER RANGE 100-1000 KW
DA April 1975
RT Power

POWER RANGE MILLI W
DA April 1975
RT Power

POWER RANGE 1-10 MW
DA April 1975
RT Power

POWER RANGE 10-100 MW
DA April 1975
RT Power

POWER RANGE 100-1000 MW
DA April 1975
RT Power

POWER RANGE 1-10 W
DA April 1975

RT Power

POWER RANGE 10-100 W
DA May 1975
RT Power

POWER RANGE 100-1000 W
DA April 1975
RT Power

Power Reactor Nuclear Fuel Development Corporation
DA September 1975
USE PNC

POWER REACTORS [01]
BT1 Reactors
NT1 Agesta Reactor
NT1 Aguirre Reactor
NT1 AIPFR Reactor
NT1 Allens Creek-1 Reactor
NT1 Allens Creek-2 Reactor
NT1 Almaraz-1 Reactor
NT1 Almaraz-2 Reactor
NT1 Angra-1 Reactor
NT1 Angra-2 Reactor
NT1 Angra-3 Reactor
NT1 APCR Reactor
NT1 APS Reactor
NT1 ARBUS Reactor
NT1 Ardennes Reactor
NT1 Arkansas-1 Reactor
NT1 Arkansas-2 Reactor
NT1 Armenia-1 Reactor
NT1 Armenia-2 Reactor
NT1 Asco-1 Reactor
NT1 Asco-2 Reactor
NT1 Atlantic-1 Reactor
NT1 Atlantic-2 Reactor
NT1 Atucha Reactor
NT1 AVR Reactor
NT1 Bailly-1 Reactor
NT1 Barsebaeck-1 Reactor
NT1 Barsebaeck-2 Reactor
NT1 Barton-1 Reactor
NT1 Barton-2 Reactor
NT1 Barton-3 Reactor
NT1 Barton-4 Reactor
NT1 BASF-1 Reactor
NT1 BASF-2 Reactor
NT1 Beaver Valley-1 Reactor
NT1 Beaver Valley-2 Reactor
NT1 Bell Reactor
NT1 Bellefonte-1 Reactor
NT1 Bellefonte-2 Reactor
NT1 Beloyarsk-1 Reactor
NT1 Beloyarsk-2 Reactor
NT1 Beloyarsk-3 Reactor
NT1 Berkeley Reactor
NT1 Beznau-1 Reactor
NT1 Beznau-2 Reactor
NT1 Biblis-A Reactor
NT1 Biblis-B Reactor
NT1 Biblis-3 Reactor
NT1 Biblis-4 Reactor
NT1 Big Rock Point Reactor
NT1 Bilibin Reactor
NT1 Black Fox-1 Reactor
NT1 Black Fox-2 Reactor
NT1 Blue Hills-1 Reactor
NT1 Blue Hills-2 Reactor
NT1 BN-350 Reactor
NT1 Bohunice A-1 Reactor
NT1 Bohunice A-2 Reactor
NT1 Bohunice V-1 Reactor
NT1 Bolsa Chica-1 Reactor
NT1 Bolsa Chica-2 Reactor
NT1 BONUS Reactor
NT1 BOR-60 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 Borssele Reactor
NT1 BR-3 Reactor
NT1 Bradwell Reactor
NT1 Braidwood-1 Reactor
NT1 Braidwood-2 Reactor
NT1 Brokdorf Reactor
NT1 Browns Ferry-1 Reactor
NT1 Browns Ferry-2 Reactor
NT1 Browns Ferry-3 Reactor
NT1 Bruce-1 Reactor
NT1 Bruce-2 Reactor
NT1 Bruce-3 Reactor
NT1 Bruce-4 Reactor
NT1 Brunsbuettel Reactor
NT1 Brunswick-1 Reactor
NT1 Brunswick-2 Reactor
NT1 Bugey-1 Reactor
NT1 Bugey-2 Reactor
NT1 Bugey-3 Reactor
NT1 Byron-1 Reactor
NT1 Byron-2 Reactor
NT1 Calder Hall A-1 Reactor
NT1 Calder Hall A-2 Reactor
NT1 Calder Hall B-3 Reactor
NT1 Calder Hall B-4 Reactor
NT1 Calhoun-1 Reactor
NT1 Calhoun-2 Reactor
NT1 Callaway-1 Reactor
NT1 Callaway-2 Reactor
NT1 Calvert Cliffs-1 Reactor
NT1 Calvert Cliffs-2 Reactor
NT1 Carolina-3 Reactor
NT1 Catawba-1 Reactor
NT1 Catawba-2 Reactor
NT1 Chapelcross-1 Reactor
NT1 Chapelcross-2 Reactor
NT1 Chapelcross-3 Reactor
NT1 Chapelcross-4 Reactor
NT1 Cherokee-1 Reactor
NT1 Cherokee-2 Reactor
NT1 Cherokee-3 Reactor
NT1 Chinon-1 Reactor
NT1 Chinon-2 Reactor
NT1 Chinon-3 Reactor
NT1 Chinshan-1 Reactor
NT1 Chinshan-2 Reactor
NT1 Cirene Reactor
NT1 Clinch River Breeder Reactor
NT1 Clinton-1 Reactor
NT1 Clinton-2 Reactor
NT1 Cofrentes Reactor
NT1 Comanche Peak-1 Reactor
NT1 Comanche Peak-2 Reactor
NT1 Connah Quay-B Reactor
NT1 Connecticut Yankee Reactor
NT1 Cook-1 Reactor
NT1 Cook-2 Reactor
NT1 Cooper Reactor
NT1 Crystal River-3 Reactor
NT1 Crystal River-4 Reactor
NT1 CVTR Reactor
NT1 Darlington-4 Reactor
NT1 Davis Besse-1 Reactor
NT1 Davis Besse-2 Reactor
NT1 Davis Besse-3 Reactor
NT1 DFR Reactor
NT1 Diablo Canyon-1 Reactor
NT1 Diablo Canyon-2 Reactor
NT1 Dodewaard Reactor
NT1 Doel-1 Reactor
NT1 Doel-2 Reactor
NT1 Doel-3 Reactor
NT1 Douglas Point-1 Reactor
NT1 Douglas Point-2 Reactor
NT1 Dragon Reactor
NT1 Dresden-1 Reactor
NT1 Dresden-2 Reactor
NT1 Dresden-3 Reactor
NT1 Duane Arnold-1 Reactor
NT1 Duke-1 Reactor
NT1 Duke-2 Reactor
NT1 Dukovany V-2 Reactor
NT1 Dungeness-A Reactor
NT1 Dungeness-B Reactor
NT1 EBOR Reactor
NT1 EBR-1 Reactor
NT1 EBR-2 Reactor
NT1 EBWR Reactor
NT1 EGCR Reactor
NT1 EL-4 Reactor
NT1 Electrobras Reactor
NT1 ENEL-4 Reactor
NT1 Enrico Fermi-1 Reactor
NT1 Enrico Fermi-2 Reactor
NT1 EPEC Reactor
NT1 Erie-1 Reactor
NT1 Erie-2 Reactor
NT1 ERR Reactor
NT1 ESCOM Reactor
NT1 Eugene Reactor
NT1 EVSR Reactor
NT1 Farley-1 Reactor
NT1 Farley-2 Reactor
NT1 Fessenheim-1 Reactor
NT1 Fessenheim-2 Reactor
NT1 Fitzpatrick Reactor
NT1 Forked River-1 Reactor
NT1 Forsmark-1 Reactor
NT1 Forsmark-2 Reactor
NT1 Forsmark-3 Reactor
NT1 Fukushima-1 Reactor
NT1 Fukushima-2 Reactor
NT1 Fukushima-3 Reactor
NT1 Fukushima-4 Reactor
NT1 Fukushima-5 Reactor
NT1 Fukushima-6 Reactor
NT1 Fulton-1 Reactor
NT1 Fulton-2 Reactor
NT1 FWH-Reactor
NT1 GA Standard Reactor
NT1 Garigliano Reactor
NT1 Garona Reactor
NT1 GCRE Reactor
NT1 Genkai-1 Reactor
NT1 Genkai-2 Reactor
NT1 Gentilly Reactor
NT1 Ginna-1 Reactor
NT1 Ginna-2 Reactor
NT1 Goesgen Reactor
NT1 Graben-1 Reactor
NT1 Graben-2 Reactor
NT1 Grafenrheinfeld Reactor
NT1 Grand Gulf-1 Reactor
NT1 Grand Gulf-2 Reactor
NT1 Greene County Reactor
NT1 Greenwood-2 Reactor
NT1 Greenwood-3 Reactor
NT1 Grohnde Reactor
NT1 Gundremmingen-2 Reactor
NT1 Gundremmingen-3 Reactor
NT1 Hamaoka-1 Reactor
NT1 Hamaoka-2 Reactor
NT1 Hamaoka-3 Reactor
NT1 Hamm-Uentrop Reactor
NT1 Harris-1 Reactor
NT1 Harris-2 Reactor
NT1 Harris-3 Reactor
NT1 Harris-4 Reactor
NT1 Hartlepool Reactor
NT1 Hartsville-1 Reactor
NT1 Hartsville-2 Reactor
NT1 Hartsville-3 Reactor
NT1 Hartsville-4 Reactor
NT1 Hatch-1 Reactor
NT1 Hatch-2 Reactor
NT1 Haven-1 Reactor
NT1 Haven-2 Reactor
NT1 HBWR Reactor
NT1 Heysham-A Reactor
NT1 Heysham-B Reactor
NT1 Hinkley Point-A Reactor
NT1 Hinkley Point-B Reactor
NT1 HNPF Reactor
NT1 Hokkaido-1 Reactor
NT1 Hokuriku-1 Reactor
NT1 Hope Creek-1 Reactor
NT1 Hope Creek-2 Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 Humboldt Bay Reactor
NT1 Hunterston-A Reactor
NT1 Hunterston-B Reactor
NT1 Ikata Reactor
NT1 Indian Point-1 Reactor
NT1 Indian Point-2 Reactor
NT1 Indian Point-3 Reactor
NT1 Iran-1 Reactor
NT1 Iran-2 Reactor
NT1 Jamesport-1 Reactor
NT1 Jamesport-2 Reactor
NT1 JATR Reactor
NT1 Jervis Bay Reactor
NT1 Joyo Reactor

NT1 JPDR Reactor
NT1 JPDR-2 Reactor
NT1 Kaiseraugst Reactor
NT1 Kalpakkam-1 Reactor
NT1 Kalpakkam-2 Reactor
NT1 KANUPP Reactor
NT1 Kewaunee Reactor
NT1 KNK Reactor
NT1 KNK-2 Reactor
NT1 Koeberg-1 Reactor
NT1 Kola-1 Reactor
NT1 Kola-2 Reactor
NT1 Kori-1 Reactor
NT1 Kori-2 Reactor
NT1 Koshkonong-1 Reactor
NT1 Koshkonong-2 Reactor
NT1 Kozloduy-1 Reactor
NT1 Kozloduy-2 Reactor
NT1 Krsko Reactor
NT1 Kruemmel Reactor
NT1 Kuosheng-1 Reactor
NT1 Kuosheng-2 Reactor
NT1 Kursk-1 Reactor
NT1 Kursk-2 Reactor
NT1 La Salle County-1 Reactor
NT1 La Salle County-2 Reactor
NT1 LACBWR Reactor
NT1 Laguna Verde-1 Reactor
NT1 LAMPRE-1 Reactor
NT1 LAPRE-1 Reactor
NT1 LAPRE-2 Reactor
NT1 Latina Reactor
NT1 Leibstadt Reactor
NT1 Lemoniz-1 Reactor
NT1 Lemoniz-2 Reactor
NT1 Leningrad-1 Reactor
NT1 Leningrad-2 Reactor
NT1 Limerick-1 Reactor
NT1 Limerick-2 Reactor
NT1 Lingen Reactor
NT1 Loviisa Reactor
NT1 Loviisa-1 Reactor
NT1 Loviisa-2 Reactor
NT1 Lucens Reactor
NT1 Lucie-1 Reactor
NT1 Lucie-2 Reactor
NT1 Maine Yankee Reactor
NT1 Malibu-1 Reactor
NT1 Marble Hill-1 Reactor
NT1 Marble Hill-2 Reactor
NT1 Marviken Reactor
NT1 Mc Guire-1 Reactor
NT1 Mc Guire-2 Reactor
NT1 Mendocino-1 Reactor
NT1 Mendocino-2 Reactor
NT1 MH-1A Reactor
NT1 Midland-1 Reactor
NT1 Midland-2 Reactor
NT1 Mihama-1 Reactor
NT1 Mihama-2 Reactor
NT1 Mihama-3 Reactor
NT1 Millstone-1 Reactor
NT1 Millstone-2 Reactor
NT1 Millstone-3 Reactor
NT1 ML-1 Reactor
NT1 Monju Reactor
NT1 Montague-1 Reactor
NT1 Montague-2 Reactor
NT1 Monticello Reactor
NT1 MSRE Reactor
NT1 Muehleberg Reactor
NT1 Muelheim-Kaerlich Reactor
NT1 MZFR Reactor
NT1 N-Reactor
NT1 Narora-1 Reactor
NT1 Narora-2 Reactor
NT1 Neckar Reactor
NT1 NEP-1 Reactor
NT1 NEP-2 Reactor
NT1 Neupotz-1 Reactor
NT1 Neupotz-2 Reactor
NT1 Newbold Island-1 Reactor
NT1 Newbold Island-2 Reactor
NT1 Niederaichbach Reactor
NT1 Nine Mile Point-1 Reactor
NT1 Nine Mile Point-2 Reactor
NT1 North Anna-1 Reactor
NT1 North Anna-2 Reactor
NT1 North Anna-3 Reactor
NT1 North Anna-4 Reactor
NT1 North Coast-1 Reactor
NT1 NPD Reactor
NT1 Obrigheim Reactor
NT1 Oconee-1 Reactor
NT1 Oconee-2 Reactor
NT1 Oconee-3 Reactor
NT1 Oi-1 Reactor
NT1 Oi-2 Reactor
NT1 OKG-1 Reactor
NT1 OKG-2 Reactor
NT1 OKG-3 Reactor
NT1 OKG-4 Reactor
NT1 Oktemberyan-1 Reactor
NT1 Oktemberyan-2 Reactor
NT1 Oldbury-A Reactor
NT1 Olkiluoto Reactor
NT1 Onagawa-1 Reactor
NT1 Oyster Creek-1 Reactor
NT1 Package Reactors
NT1 PAKS-1 Reactor
NT1 PAKS-2 Reactor
NT1 Palisades-1 Reactor
NT1 Palo Verde-1 Reactor
NT1 Palo Verde-2 Reactor
NT1 Palo Verde-3 Reactor
NT1 Palo Verde-4 Reactor
NT1 Palo Verde-5 Reactor
NT1 Pathfinder Reactor
NT1 Peach Bottom-1 Reactor
NT1 Peach Bottom-2 Reactor
NT1 Peach Bottom-3 Reactor
NT1 Pebble Springs-1 Reactor
NT1 Pebble Springs-2 Reactor
NT1 PEC Brasimone Reactor
NT1 Perkins-1 Reactor
NT1 Perkins-2 Reactor
NT1 Perkins-3 Reactor
NT1 Perry-1 Reactor
NT1 Perry-2 Reactor
NT1 Perryman-1 Reactor
NT1 Perryman-2 Reactor
NT1 PFR Reactor
NT1 Phenix Reactor
NT1 Philippsburg-1 Reactor
NT1 Philippsburg-2 Reactor
NT1 Phipps Bend-1 Reactor
NT1 Phipps Bend-2 Reactor
NT1 Pickering-1 Reactor
NT1 Pickering-2 Reactor
NT1 Pickering-3 Reactor
NT1 Pickering-4 Reactor
NT1 Pickering-5 Reactor
NT1 Pickering-6 Reactor
NT1 Pickering-7 Reactor
NT1 Pickering-8 Reactor
NT1 Pilgrim-1 Reactor
NT1 Pilgrim-2 Reactor
NT1 Pilgrim-3 Reactor
NT1 PLBR Reactor
NT1 PM-2A Reactor
NT1 PM-3A Reactor
NT1 PM-1 Reactor
NT1 PNPF Reactor
NT1 Point Beach-1 Reactor
NT1 Point Beach-2 Reactor
NT1 Portskewett Reactor
NT1 Prairie Island-1 Reactor
NT1 Prairie Island-2 Reactor
NT1 Quad Cities-1 Reactor
NT1 Quad Cities-2 Reactor
NT1 Quanicassee-1 Reactor
NT1 Quanicassee-2 Reactor
NT1 Rajasthan-1 Reactor
NT1 Rajasthan-2 Reactor
NT1 Rancho Seco-1 Reactor
NT1 Rancho Seco-2 Reactor
NT1 Recklinghausen Reactor
NT1 Remerschen Reactor
NT1 Rheinsberg AKW1 Reactor
NT1 Ringhals-1 Reactor
NT1 Ringhals-2 Reactor
NT1 Ringhals-3 Reactor
NT1 River Bend-1 Reactor
NT1 River Bend-2 Reactor
NT1 Robinson-2 Reactor
NT1 Rolphton NPD-2 Reactor
NT1 Rooppur Reactor
NT1 Rovno-1 Reactor
NT1 Rovno-2 Reactor
NT1 Rovno-3 Reactor
NT1 Rowe Yankee Reactor
NT1 RWE-Bayernwerk Reactor
NT1 Saint Laurent-1 Reactor
NT1 Saint Laurent-2 Reactor
NT1 Salem-1 Reactor
NT1 Salem-2 Reactor
NT1 San Onofre-1 Reactor
NT1 San Onofre-2 Reactor
NT1 San Onofre-3 Reactor
NT1 Saxton Reactor
NT1 Schmehausen-2 Reactor
NT1 Seabrook-1 Reactor
NT1 Seabrook-2 Reactor
NT1 SEFOR Reactor
NT1 Selni Reactor
NT1 Sequoyah-1 Reactor
NT1 Sequoyah-2 Reactor
NT1 SGHWR Reactor
NT1 Shimane-1 Reactor
NT1 Shippingport Reactor
NT1 Shoreham Reactor
NT1 Sizewell-A Reactor
NT1 Sizewell-B Reactor
NT1 Skagit-1 Reactor
NT1 Skagit-2 Reactor
NT1 SL-1 Reactor
NT1 SM-1A Reactor
NT1 SM-1 Reactor
NT1 SNR-1 Reactor
NT1 SNR-2 Reactor
NT1 South Texas Project-1 Reactor
NT1 South Texas Project-2 Reactor
*NT1 Space Power Reactors
NT1 SRE Reactor
NT1 Stade Reactor
NT1 Sterling-1 Reactor
NT1 Sterling-2 Reactor
NT1 Summer-1 Reactor
NT1 Summit-1 Reactor
NT1 Summit-2 Reactor
NT1 Sundesert-1 Reactor
NT1 Sundesert-2 Reactor
NT1 Surry-1 Reactor
NT1 Surry-2 Reactor
NT1 Surry-3 Reactor
NT1 Surry-4 Reactor
NT1 Susquehanna-1 Reactor
NT1 Susquehanna-2 Reactor
NT1 Takahama-1 Reactor
NT1 Takahama-2 Reactor
NT1 Tarapur-1 Reactor
NT1 Tarapur-2 Reactor
NT1 Thermionic Reactors
NT2 ITR Reactor
NT1 Three Mile Island-1 Reactor
NT1 Three Mile Island-2 Reactor
NT1 THTR-300 Reactor
NT1 Tihange Reactor
NT1 Tokai-Mura Reactor
NT1 Tokai-2 Reactor
NT1 Topaz Reactor
NT1 Trawsfynydd Reactor
NT1 Troitsk Reactor
NT1 Trojan Reactor
NT1 Tsuruga Reactor
NT1 Tullnerfeld Reactor
NT1 Turkey Point-3 Reactor
NT1 Turkey Point-4 Reactor
NT1 TVA-1 Reactor
NT1 TVA-2 Reactor
NT1 TVO-1 Reactor
NT1 TVO-2 Reactor
NT1 Tyrone-1 Reactor
NT1 Tyrone-2 Reactor
NT1 Unterweser Reactor
NT1 Vahnum-1 Reactor
NT1 Vahnum-2 Reactor
NT1 VAK Reactor
NT1 Vandellos Reactor
NT1 VBWR Reactor
NT1 Vermont Yankee Reactor
NT1 Verplanck-1 Reactor
NT1 Verplanck-2 Reactor
NT1 VHTR Reactor

NT1 Vidal-1 Reactor
NT1 Vidal-2 Reactor
NT1 VK-50 Reactor
NT1 Vogtle-1 Reactor
NT1 Vogtle-2 Reactor
NT1 Vogtle-3 Reactor
NT1 Vogtle-4 Reactor
NT1 Vrain Reactor
NT1 WAGR Reactor
NT1 Waterford-3 Reactor
NT1 Waterford-4 Reactor
NT1 Watts Bar-1 Reactor
NT1 Watts Bar-2 Reactor
NT1 WNP-1 Reactor
NT1 WNP-3 Reactor
NT1 WNP-4 Reactor
NT1 WNP-5 Reactor
NT1 Wolf Creek-1 Reactor
NT1 Wolsung-1 Reactor
NT1 Wuergassen Reactor
NT1 WUP-3 Reactor
NT1 WUP-4 Reactor
NT1 WUP-5 Reactor
NT1 WUP-6 Reactor
NT1 WWER-1 Reactor
NT1 WWER-2 Reactor
NT1 WWER-3 Reactor
NT1 WWER-4 Reactor
NT1 WWER-5 Reactor
NT1 Wyhl-1 Reactor
NT1 Wyhl-2 Reactor
NT1 Wylfa Reactor
NT1 Yellow Creek-1 Reactor
NT1 Yellow Creek-2 Reactor
NT1 Zarnowiec Reactor
NT1 Zimmer-1 Reactor
NT1 Zimmer-2 Reactor
NT1 Zion-1 Reactor
NT1 Zion-2 Reactor
NT1 Zorita-1 Reactor
RT AGR Type Reactors
RT BHWR Type Reactors
RT BWR Type Reactors
RT Desalination Reactors
RT FBR Type Reactors
RT GCR Type Reactors
RT HTGR Type Reactors
RT HWGCR Type Reactors
RT HWLWR Type Reactors
RT LWGR Type Reactors
RT LWOR Type Reactors
RT Magnox Type Reactors
RT Nuclear Power Plants
RT OMR Type Reactors
RT PHWR Type Reactors
RT Present Worth Method
RT Pressure Tube Reactors
RT Process Heat Reactors
RT PWR Type Reactors
RT SGR Type Reactors
RT SZR Type Reactors
RT Underground Nuclear Stations
RT WWER Type Reactors

POWER RELAY SATELLITES
DA February 1975
BT1 Satellites
RT Power Transmission

POWER SERIES [01]
BT1 Series Expansion
RT Mathematics

POWER SUBSTATIONS
(Term is used for an assembly of equipment in an electric power system for the transmission, transformation, or switching of electric energy.)
DA July 1976
UF *Electric Power Substations*
RT Power Generation
RT Power Plants
RT Power Systems
RT Power Transmission
RT Power Transmission Lines

POWER SUPPLIES [01]
BT1 Electronic Equipment
NT1 Photovoltaic Power Supplies
NT1 Radio Equipment Power Supplies
NT1 Spacecraft Power Supplies
RT Capacitors
RT DC to DC Converters
RT Direct Energy Converters
RT Electric Power
RT Electrical Equipment
RT Gyrocons
RT Inverters
RT Klystrons
RT Power Conditioning Circuits
RT RF Systems

POWER SYSTEMS
(Includes electric power networks with associated generating and transmission facilities.)
DA February 1976
UF *Electric Power Systems*
NT1 AC Systems
NT2 EHV AC Systems
NT2 HVAC Systems
NT2 UHV AC Systems
NT1 DC Systems
NT2 EHV DC Systems
NT2 HVDC Systems
NT2 UHV DC Systems
NT1 Interconnected Power Systems
NT1 Solar-Assisted Power Systems
RT Electric Power Industry
RT Electric Utilities
RT Electrical Transients
RT Microwave Power Transmission
RT Outages
RT Power Factor
RT Power Generation
RT Power Plants
RT Power Substations
RT Power Transmission
RT Power Transmission Lines
RT Underground Power Transmission

POWER TRANSMISSION [01]
NT1 Microwave Power Transmission
NT1 Overhead Power Transmission
NT1 Underground Power Transmission
RT Electric Power
RT Energy Transport
RT Gas-Insulated Cables
RT Hybrid Systems
RT Interconnected Power Systems
RT Line Losses
RT Oil-Filled Cables
RT Power Factor
RT Power Losses
RT Power Relay Satellites
RT Power Substations
RT Power Systems
RT Power Transmission Lines
RT Shunt Reactors

POWER TRANSMISSION LINES [01]
DA January 1975
UF *Transmission Lines*
RT Current Limiters
RT Electric Cables
RT Gas-Insulated Cables
RT Line Losses
RT Oil-Filled Cables
RT Power Substations
RT Power Systems
RT Power Transmission
RT Rights-of-Way
RT Shunt Reactors

POWER TRANSMISSION TOWERS
DA August 1976
UF *Transmission Towers*
BT1 Mechanical Structures
RT Overhead Power Transmission

POWERED SUPPORTS
DA June 1977
BT1 Supports
BT2 Mechanical Structures

POYNTING THEOREM [01]
UF *Poynting Vector*
RT Flux Density
RT Maxwell Equations
RT Radiation Flux
RT Vectors

Poynting Vector
USE Poynting Theorem

Pp-Factor
USE Nicotinamide

PR-10 AEG Pruefreaktor
USE AEG-PR-10 Reactor

PR-6 DEVICE [01]
DA June 1975
BT1 PR Devices
BT2 Magnetic Mirrors
BT3 Open Plasma Devices
BT4 Thermonuclear Devices

PR-7 DEVICE [01]
DA June 1975
BT1 PR Devices
BT2 Magnetic Mirrors
BT3 Open Plasma Devices
BT4 Thermonuclear Devices

PR-8 DEVICE [01]
DA June 1975
BT1 PR Devices
BT2 Magnetic Mirrors
BT3 Open Plasma Devices
BT4 Thermonuclear Devices

PR DEVICES [01]
DA June 1975
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
NT1 PR-6 Device
NT1 PR-7 Device
NT1 PR-8 Device

PR SPRINGS DEPOSIT
DA November 1976
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Oil Sands
RT Utah

PRAIRIE DOGS
DA December 1977
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

PRAIRIE ISLAND-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PRAIRIE ISLAND-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PRANDTL NUMBER [01]
RT Nusselt Number
RT Thermodynamic Properties
RT Viscous Flow

PRASEODYMIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

PRASEODYMIUM 121
DA July 1979

BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Neutron-Deficient Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

PRASEODYMIUM 129 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PRASEODYMIUM 130 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PRASEODYMIUM 131 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 132 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 133 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 134 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 135 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 136 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 137 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 138 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 139 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 140 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 141 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes

PRASEODYMIUM 142 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei

BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 143 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 144 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 145 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 146 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 147 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 148 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 149 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM 150 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PRASEODYMIUM 151 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Praseodymium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PRASEODYMIUM ADDITIONS [01]
BT1 Praseodymium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

PRASEODYMIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Praseodymium Additions
NT1 Praseodymium Base Alloys

PRASEODYMIUM ARSENIDES [01]
DA October 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM BASE ALLOYS [01]
BT1 Praseodymium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

PRASEODYMIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

PRASEODYMIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Praseodymium Arsenides
NT1 Praseodymium Borides
NT1 Praseodymium Bromides
NT1 Praseodymium Carbides
NT1 Praseodymium Carbonates
NT1 Praseodymium Chlorides
NT1 Praseodymium Fluorides
NT1 Praseodymium Hydrides
NT1 Praseodymium Hydroxides
NT1 Praseodymium Iodides
NT1 Praseodymium Nitrates
NT1 Praseodymium Nitrides
NT1 Praseodymium Oxides
NT1 Praseodymium Perchlorates
NT1 Praseodymium Phosphates
NT1 Praseodymium Phosphides
NT1 Praseodymium Selenides
NT1 Praseodymium Silicides
NT1 Praseodymium Sulfates
NT1 Praseodymium Sulfides
NT1 Praseodymium Tellurides
NT1 Praseodymium Tungstates

PRASEODYMIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds

BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM IONS [01]
BT1 Ions
BT2 Charged Particles

PRASEODYMIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Praseodymium 121
NT1 Praseodymium 129
NT1 Praseodymium 130
NT1 Praseodymium 131
NT1 Praseodymium 132
NT1 Praseodymium 133
NT1 Praseodymium 134
NT1 Praseodymium 135
NT1 Praseodymium 136
NT1 Praseodymium 137
NT1 Praseodymium 138
NT1 Praseodymium 139
NT1 Praseodymium 140
NT1 Praseodymium 141
NT1 Praseodymium 142
NT1 Praseodymium 143
NT1 Praseodymium 144
NT1 Praseodymium 145
NT1 Praseodymium 146
NT1 Praseodymium 147
NT1 Praseodymium 148
NT1 Praseodymium 149
NT1 Praseodymium 150
NT1 Praseodymium 151

PRASEODYMIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM PHOSPHATES [01]
DA January 1975
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM PHOSPHIDES [01]
DA November 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds

PRASEODYMIUM SELENIDES [01]
DA April 1975
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

PRASEODYMIUM SILICIDES [01]
DA December 1975
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

PRASEODYMIUM SULFATES [01]
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

PRASEODYMIUM SULFIDES [01]
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

PRASEODYMIUM 141 TARGET [01]
DA July 1976
BT1 Targets

PRASEODYMIUM TELLURIDES [01]
DA January 1975
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

PRASEODYMIUM TUNGSTATES
DA June 1977
BT1 Praseodymium Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

PRAWNS [01]
DA June 1977
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Seafood
RT Shrimp

PRCF REACTOR [01]
UF *Plutonium Recycle Critical Facility*
UF *PNL-PRCF Reactor*
BT1 Plutonium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PRE-GONDOLA I EVENT [01]
BT1 Chemical Explosions
BT2 Explosions
BT1 Cratering Explosions
BT2 Explosions
BT1 Plowshare Project
BT1 Underground Explosions
BT2 Explosions

PRE-GONDOLA II EVENT [01]
BT1 Chemical Explosions
BT2 Explosions
BT1 Cratering Explosions
BT2 Explosions
BT1 Plowshare Project
BT1 Underground Explosions
BT2 Explosions

PREAMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment

PRECAMBRIAN ERA
DA October 1977
BT1 Geologic Ages

PRECESSION [01]
NT1 Larmor Precession
RT Gyroscopes
RT Migma Devices
RT Orbits
RT Rotation

PRECETRON STORAGE RING [01]
BT1 Storage Rings

PRECIPITATION [01]
(In chemical processes only; see also ATMOSPHERIC PRECIPITATIONS, ELECTRON PRECIPITATION, PROTON PRECIPITATION, and PRECIPITATION HARDENING.)
BT1 Separation Processes
NT1 Coprecipitation
NT1 Flocculation
RT Agglomeration
RT Crystallization
RT Deposition
RT Hydrometallurgy
RT Salting-Out Agents
RT Scaling
RT Sedimentation
RT Solubility
RT Supersaturation
RT Trapped Protons
RT Waste Processing

PRECIPITATION HARDENING [01]
BT1 Hardening
RT Age Hardening

PRECIPITATION SCAVENGING [01]
BT1 Separation Processes
NT1 Washout

Precipitations (Atmospheric)
USE Atmospheric Precipitations

PRECIPITINS [01]
BT1 Antibodies

PRECOMPOUND-NUCLEUS EMISSION [01]
UF *Preequilibrium Nuclear Processes*
BT1 Nuclear Reactions
RT Deep Inelastic Heavy Ion Reactions
RT Evaporation Model
RT Exciton Model
RT Quasi-Fission

PRECURSOR [01]
RT Biosynthesis
RT Earthquakes
RT Enzymes
RT Metabolism
RT Nucleic Acids
RT Rock Bursts

Precursors (Delayed Neutron)
DA December 1976
USE Delayed Neutron Precursors

Precursors (Delayed Neutrons)
USE Delayed Neutron Precursors

Precursors (Delayed Proton)
DA December 1976
USE Delayed Proton Precursors

PREDATOR-PREY INTERACTIONS
DA March 1979
RT Behavior
RT Biological Stress
RT Ecosystems
RT Food Chains
RT Mortality
RT Wild Animals
DEF One that lives by devouring or destroying other organisms.

Prediction
USE Forecasting

PREDICTION EQUATIONS [01]
BT1 Equations

PREDISSOCIATION [01]
BT1 Dissociation

PREDNISOLONE [01]
BT1 Glucocorticoids

BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

PREDNISONE [01]
BT1 Glucocorticoids
BT2 Corticosteroids
BT3 Adrenal Hormones
BT4 Steroid Hormones
BT5 Hormones
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT3 Ketones
BT4 Organic Compounds
BT3 Pregnanes
BT4 Steroids
BT5 Organic Compounds

Preequilibrium Nuclear Processes
DA November 1976
USE Precompound-Nucleus Emission

Preferred Orientation
USE Grain Orientation

PREFERRED SPECIES
DA April 1976
BT1 Grass
BT2 Plants
BT1 Shrubs
BT2 Plants
BT1 Trees
BT2 Plants
RT Land Reclamation
RT Revegetation
DEF Species suited for revegetation of reclaimed land, depends on soil, climate and topography.

PREGNANCY [01]
RT Abortion
RT Embryos
RT Fetuses
RT Gynecology
RT HPL
RT Life Cycle
RT Parturition
RT Placenta
RT Prenatal Irradiation
RT Progesterone
RT Reproduction
RT Reproductive Disorders
RT Uterus

PREGNANES [01]
BT1 Steroids
BT2 Organic Compounds
NT1 Corticosteroids
NT2 Glucocorticoids
NT3 Corticosterone
NT3 Cortisone
NT3 Dexamethasone
NT3 Hydrocortisone
NT3 Prednisolone
NT3 Prednisone
NT2 Mineralocorticoids
NT3 Aldosterone
NT3 DOCA
NT1 Hydroxypregnenone
NT1 Progesterone

Pregnenolone
USE Hydroxypregnenone

Preheating
DA June 1979
USE Heat Treatments

PRENATAL IRRADIATION [01]
UF *In Utero Irradiation*
BT1 Irradiation
RT Embryos
RT Fetuses
RT Perinatal Irradiation
RT Pregnancy

Preparation (Chemical)
USE Chemical Preparation

Preparation (Sample)
USE Sample Preparation

PRESENT WORTH METHOD [01]
RT Cost
RT Fuel Cycle
RT Power Reactors

PRESERVATION [01]
NT1 Radiopreservation
RT Bacterial Spores
RT Disinfestation
RT Food
RT Fumigants
RT Grain Disinfestation
RT IFIP
RT Inactivation
RT Irradiation
RT Organoleptic Properties
RT Pasteurization
RT Preservatives
RT Sterilization
RT Wholesomeness

PRESERVATIVES
DA December 1975
RT Additives
RT Preservation

PRESSES [01]
RT Extrusion
RT Forging
RT Machine Tools
RT Pressing
RT Tools

PRESSING [01]
BT1 Materials Working
BT2 Fabrication
NT1 Cold Pressing
NT1 Hot Pressing
RT Compacting
RT Dies
RT Extrusion
RT Forging
RT Presses

Pressure (1-10(-3) Torr)
USE Medium Vacuum

Pressure (0001-0100 Atm)
USE Medium Pressure

Pressure (0100-1000 Atm)
USE High Pressure

Pressure (1000 Atm and above)
USE Very High Pressure

Pressure (1-760 Torr)
USE Low Pressure

Pressure (Critical)
USE Critical Pressure

Pressure (Plasma)
DA June 1975
USE Plasma Pressure

Pressure (Radiation)
USE Radiation Pressure

Pressure (Vapor)
USE Vapor Pressure

PRESSURE COEFFICIENT [01]
BT1 Reactivity Coefficients

PRESSURE CONTROL
DA January 1975
BT1 Control

PRESSURE DEPENDENCE [01]
RT High Pressure
RT High Vacuum
RT Low Pressure
RT Medium Pressure
RT Medium Vacuum
RT Pressure Drop
RT Ultrahigh Vacuum
RT Very High Pressure

PRESSURE DROP [01]
RT Flow Rate
RT Fluid Flow
RT Pressure Dependence
RT Pressure Gradients

PRESSURE GAGES [01]
UF *Gages (Pressure)*
UF *Manometers*
BT1 Measuring Instruments
NT1 Barometers
NT1 Hot-Wire Gages
NT2 Pirani Gages
NT1 Vacuum Gages
NT2 Ionization Gages
NT3 Bayard-Alpert Gages
NT3 Philips Gages
NT3 Radioactive Ionization Gages
NT2 Knudsen Gages
NT2 Mc Leod Gages
NT2 Pirani Gages
RT Pressure Measurement

PRESSURE GRADIENTS [01]
DA January 1975
RT Pressure Drop
RT Pressure Measurement
RT Pressure Regulators
RT Pressure Suppression

Pressure Maintenance
DA July 1976
USE Pressurizing

PRESSURE MEASUREMENT [01]
RT Atmospheric Pressure
RT Geobarometry
RT Piezometry
RT Pressure Gages
RT Pressure Gradients

PRESSURE REGULATORS [01]
BT1 Control Equipment
BT2 Equipment
RT Pressure Gradients

PRESSURE RELEASE [01]
RT Hazards
RT Reactor Safety
RT Safety Engineering

PRESSURE SUPPRESSION [01]
RT Condensation Chambers
RT Containment Spray Systems
RT Pressure Gradients
RT Pressure Vessels
RT Reactor Accidents
RT Reactor Safety

PRESSURE TUBE REACTORS [01]
BT1 Reactors
NT1 Candu Type Reactors
NT2 Bruce-1 Reactor
NT2 Bruce-2 Reactor
NT2 Bruce-3 Reactor
NT2 Bruce-4 Reactor
NT2 Bruce-5 Reactor
NT2 Bruce-6 Reactor
NT2 Bruce-7 Reactor
NT2 Bruce-8 Reactor
NT2 Cordoba Reactor
NT2 Darlington-1 Reactor
NT2 Darlington-2 Reactor
NT2 Darlington-3 Reactor
NT2 Darlington-4 Reactor
NT2 Douglas Point Ontario Reactor
NT2 Gentilly-2 Reactor
NT2 KANUPP Reactor
NT2 NPD Reactor
NT2 Pickering-1 Reactor
NT2 Pickering-2 Reactor
NT2 Pickering-3 Reactor
NT2 Pickering-4 Reactor
NT2 Pickering-5 Reactor

NT2 Pickering-6 Reactor
NT2 Pickering-7 Reactor
NT2 Pickering-8 Reactor
NT2 Point Lepreau-1 Reactor
NT2 Rajasthan-1 Reactor
NT2 Rajasthan-2 Reactor
NT2 Wolsung-1 Reactor
NT1 EL-4 Reactor
NT1 Lucens Reactor
NT1 PRTR Reactor
RT Power Reactors

PRESSURE TUBES [01]
BT1 Tubes
RT Borescopes
RT Calandrias
RT Reactor Cooling Systems

PRESSURE VESSELS [01]
UF *Vessels (Pressure)*
BT1 Containers
RT Autoclaves
RT Depressurization
RT Depressurization Systems
RT Pipe Fittings
RT Pressure Suppression

Pressurization
DA July 1976
USE Pressurizing

Pressurized Heavy Water Cooled/Moderated Reactor
USE PHWR Type Reactors

Pressurized Sulbcritical Experiment Savannah
USE PSE Reactor

Pressurized Water Cooled/Moderated Reactor
USE PWR Type Reactors

Pressurized Water Reactors
USE PWR Type Reactors

PRESSURIZERS [01]
RT Compressors
RT Reactor Cooling Systems

PRESSURIZING
DA July 1976
UF *Pressure Maintenance*
UF *Pressurization*
UF *Repressuring*
RT Fluid Injection

PRESTRESSED CONCRETE [01]
BT1 Concretes
BT2 Building Materials
BT3 Materials

PREVENTION OF SIGNIFICANT DETERIORATION
DA July 1979
UF *PSD*
RT Air Pollution Abatement
RT Air Quality
RT Aquatic Ecosystems
RT Environment
RT Land Pollution Abatement
RT Pollution Abatement
RT Pollution Regulations
RT Terrestrial Ecosystems
RT Water Pollution Abatement
RT Water Quality

PREVENTIVE MEDICINE [01]
UF *Prophylaxis*
UF *Surveillance (Medical)*
BT1 Medicine
RT Accidents
RT Environment
RT Epidemiology
RT Health Hazards
RT Immunity
RT Inspection
RT Medical Surveillance
RT Radiation Protection

PRICE-ANDERSON ACT [01]
DA October 1976
BT1 Laws
RT Civil Liability
RT Legal Aspects
RT Nuclear Insurance

PRICES
(Prior to June, 1979, CHARGES was used.)
NT1 Incremental-Cost Pricing
NT1 Marginal-Cost Pricing
NT1 Peak-Load Pricing
NT1 Retail Prices
NT1 Wellhead Prices
NT1 Wholesale Prices
RT Charges
RT Cost
RT Economic Elasticity
RT Entitlements Program
RT Income
RT Rate Structure
RT Retailers

Prigogine-Balescu Theory
USE Prigogine Theorem

PRIGOGINE THEOREM [01]
UF *Balescu Theory*
UF *Prigogine-Balescu Theory*
UF *Van Hove-Prigogine Theory*
RT Irreversible Processes

PRIMAKOFF EFFECT [01]
BT1 Photoproduction
BT2 Electromagnetic Interactions
BT3 Basic Interactions
BT4 Interactions
BT2 Particle Production
BT3 Particle Interactions
BT4 Interactions
RT Pions Neutral

PRIMAKOFF THEORY [01]
RT Fermi Interactions

PRIMARY BATTERIES
DA May 1976
RT Electric Batteries
RT Electrochemical Cells

PRIMARY COOLANT CIRCUITS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components
NT1 Coolant Cleanup Systems

PRIMARY COSMIC RADIATION [01]
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
NT1 Cosmic Gamma Bursts
RT Cosmic Gamma Sources
RT Cosmic Ray Sources
RT Cosmic X-Ray Sources

PRIMARY RECOVERY
DA February 1979
UF *Natural Depletion*
BT1 Recovery
RT Natural Gas
RT Petroleum

PRIMARY-SECONDARY HYBRID BATTERIES
DA February 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems
DEF Hybrid system consisting of a primary battery and a rechargeable battery.

PRIMATES [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals
NT1 Apes
NT1 Man
NT2 Adolescents
NT2 Children
NT3 Infants
NT2 Men
NT2 Women
NT1 Monkeys
NT2 Macacus

PRIMENE [01]
BT1 Amines
BT2 Organic Compounds

PRINCETON CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Princeton Large Torus
DA August 1975
USE PLT Devices

PRINCETON SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

PRINTED CIRCUITS [01]
BT1 Electronic Circuits
RT Microelectronic Circuits

PRISM PLOT [01]
DA October 1977
BT1 Scatterplots
BT2 Diagrams
RT Linear Momentum
RT Phase Space
RT Resonance Particles

PRISMATIC CONFIGURATION [01]
BT1 Configuration

PRISMS
DA February 1976
RT Geometry
RT Shape

PRIVACY ACT
(The U. S. Privacy Act of 1974.)
DA October 1976
BT1 Laws
RT Documentation
RT Information

PRNC-L-77 REACTOR [01]
UF *L-77 Puerto Rico Reactor*
UF *Mayaguez Puerto Rico L-77 Reactor*
UF *Puerto Rico Nuclear Center L-77 Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

PROBABILITY [01]
RT Ergodic Hypothesis
RT Expectation Value
RT Game Theory
RT Maximum-Likelihood Fit
RT Monte Carlo Method
RT Statistics

PROBES [01]
UF *Sondes*
NT1 Electric Probes
NT2 Langmuir Probe
NT2 Plasma Eaters
NT1 Electron Probes
NT1 Electrostatic Probes
NT1 Ion Probes
NT1 Magnetic Probes

NT1 Muon Probes
NT1 Proton Probes
NT1 Sonic Probes
RT Measuring Instruments
RT Well Logging Equipment

PROCA EQUATIONS [01]
BT1 Differential Equations
BT2 Equations
RT Quantum Mechanics

PROCAINE [01]
UF *Novocaine*
BT1 Anesthetics
BT2 Drugs

PROCEEDINGS [01]
BT1 Document Types
RT Meetings

PROCESS COMPUTERS [01]
DA May 1979
BT1 Computers
RT On-Line Control Systems
RT Reactor Control Systems
RT Real Time Systems

PROCESS CONTROL
DA December 1975
BT1 Control
RT Ore Processing
RT Processing
RT Reprocessing
RT Waste Processing

Process Development Pile
USE PDP Reactor

PROCESS DEVELOPMENT UNITS
DA January 1977
UF *PDU*
BT1 Functional Models
RT Bench-Scale Experiments
RT Demonstration Plants
RT Field Tests
RT Pilot Plants

PROCESS HEAT [01]
DA September 1975
BT1 Heat
BT2 Energy
NT1 Geothermal Process Heat
NT1 Solar Process Heat
RT Dual-Purpose Power Plants
RT Solar Heating
DEF Heat for industrial processes

PROCESS HEAT REACTORS [01]
BT1 Reactors
NT1 Agesta Reactor
NT1 Midland-1 Reactor
NT1 Midland-2 Reactor
NT1 PM-2A Reactor
NT1 PM-1 Reactor
NT1 SER Reactor
NT1 SL-1 Reactor
NT1 SM-1A Reactor
NT1 Snap 4 Reactor
NT1 SNAP 10 Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT1 SNAP-TSF Reactor
NT1 Thermos Reactor
RT Power Reactors

PROCESS SOLUTIONS
DA April 1978
BT1 Solutions
BT2 Mixtures
BT3 Dispersions

Processes (Adiabatic)
USE Adiabatic Processes

Processes (Isentropic)
USE Isentropic Processes

Processes (Isothermal)
USE Isothermal Processes

PROCESSING
NT1 Data Processing
NT2 Spectra Unfolding
NT1 In-Situ Processing
NT2 In-Situ Combustion
NT2 In-Situ Gasification
NT2 In-Situ Liquefaction
NT2 In-Situ Retorting
NT1 Odorization
NT1 Ore Processing
NT2 Ore Enrichment
NT1 Refining
NT2 Electrorefining
NT2 Zone Refining
NT1 Waste Processing
NT2 Activated Sludge Process
NT2 Aerobic Digestion
NT2 Anaerobic Digestion
NT3 BIOGAS Process
NT2 Bailie Process
NT2 Black Clawson System
NT2 Composting
NT2 Destrugas Process
NT2 Flame Chamber Process
NT2 Fluidized Bed Refuse Gasification
NT2 Landgard Pyrolysis System
NT2 Materials Recovery
NT2 Occidental Flash Pyrolysis Process
NT2 Purox Pyrolysis Process
NT2 Radioactive Waste Processing
NT3 Harvest Process
NT3 Iodox Process
NT2 Slagging Pyrolysis Process
RT Process Control

Processing (Data)
USE Data Processing

Processing (Ores)
USE Ore Processing

Processing (Wastes)
USE Waste Processing

PROCTITIS [01]
BT1 Digestive System Diseases
BT2 Diseases
RT Rectum

PROCUREMENT
DA April 1976
RT Accounting
RT Cost

PRODUCER GAS
(130 to 140 Btu/ft³.)
DA January 1975
BT1 Low BTU Gas
BT2 Fuel Gas
BT3 Energy Sources
BT3 Gas Fuels
BT4 Fuels
BT3 Gases
BT4 Fluids
DEF Gas manufactured by the action of air and steam on coke or coal.

PRODUCT LABELING
DA March 1979
RT Advertising
RT Consumer Protection

PRODUCTION [01]
RT Availability
RT Capacity
RT Fabrication
RT Gross Domestic Product
RT Gross National Product
RT Isotope Production
RT Manufacturing
RT Planning
RT Productivity

Production (Beam)
USE Beam Production

Production Capacity
DA June 1977
USE Capacity

PRODUCTION LOGGING
DA January 1977
BT1 Well Logging
DEF Logging run inside tubing to measure production rate of oil or natural gas wells. Instrumentation may be flowmeters, gradiomanometer, densitometer, watercutmeter, thermometer, radioactive tracer tool, caliper, casing-collar locator, or fluid sampler.

PRODUCTION MECHANISMS
DA February 1975
RT Hydrodynamic Model

PRODUCTION REACTORS [01]
(For the production of fissile materials only; see also IRRADIATION REACTORS.)
BT1 Reactors
*NT1 Plutonium Production Reactors
NT1 RTR Reactor
*NT1 Special Production Reactors
NT1 SR-305 Reactor

Production Risers
DA April 1977
USE Marine Risers

PRODUCTIVITY [01]
UF *Yield (Biological)*
RT Efficiency
RT Feasibility Studies
RT Performance
RT Plant Breeding
RT Production
RT Revegetation

PROFESSIONAL PERSONNEL
DA March 1979
BT1 Personnel
NT1 Astronauts
NT1 Medical Personnel
RT Education
RT Occupations
RT Work

Professions
USE Occupations

PROFITS
DA January 1975
UF *Margins*
RT Economics
RT Income
RT Royalties

PROFLAVINE [01]
BT1 Flavines
BT2 Acridines
BT3 Pyridines
BT4 Azines
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
BT2 Amines
BT3 Organic Compounds
BT1 Mutagens
RT Acriflavine

PROGENY [01]
UF *Offsprings*
RT Animal Breeding
RT Children
RT Fertility
RT Litter Size
RT Parturition
RT Reproduction
RT Sex Ratio

PROGESTERONE [01]
UF *Progestin*
BT1 Ketones
BT2 Organic Compounds
BT1 Pregnanes
BT2 Steroids
BT3 Organic Compounds
BT1 Steroid Hormones
BT2 Hormones

RT Hydroxypregnenone
RT LTH
RT Ovaries
RT Pregnancy

Progestin
DA October 1978
USE Progesterone

PROGNOZ SATELLITES [01]
BT1 Satellites

PROGRAMMING [01]
(Limited to computer programming.)
UF *Computer Programming*
NT1 Graphic
RT Computer Codes
RT Computers
RT Programming Languages
RT Translators

PROGRAMMING LANGUAGES [01]
UF *Computer Languages*
UF *Languages (Programming)*
NT1 Algol
NT1 Basic
NT1 COBOL
NT1 FORTRAN
NT1 Mimic
NT1 PL-1 Language
NT1 PL-11 Language
RT Computer Codes
RT Programming
RT Translators

Project (Buffalo)
USE Buffalo Project

Project (Castle)
USE Castle Project

Project (Crossroads)
USE Crossroads Project

Project (Dominic)
USE Dominic Project

Project (Greenhouse)
USE Greenhouse Project

Project (Hardtack)
USE Hardtack Project

Project (Ivy)
USE Ivy Project

Project (Jangle)
USE Jangle Project

Project (Plowshare)
USE Plowshare Project

Project (Plumbbob)
USE Plumbbob Project

Project (Upshot)
USE Upshot Project

Project (Vela)
USE Vela Project

Project Apollo
USE Apollo Project

PROJECT INDEPENDENCE
DA February 1975
BT1 Energy Policy
BT2 Government Policies

Project Independence Evaluation System
DA February 1979
USE PIES

Project Sunshine
DA May 1976
USE Sunshine Project

Project Thunderbird
DA November 1975
USE Thunderbird Project

PROJECTILES [01]
DA February 1975
RT Armor
RT Earth Penetrators
RT Guns

PROJECTION OPERATORS [01]
BT1 Mathematical Operators
RT Aligned Coupling Scheme
RT Quantum Mechanics
RT Wave Functions
DEF A mathematical operator for projecting a quantity, e.g., angular momentum, on a given coordinate.

PROJECTION SPARK CHAMBERS [01]
BT1 Spark Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments
RT Drift Chambers
RT Multiwire Proportional Chambers

PROJECTION WELDING [01]
BT1 Resistance Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

Projectors (Scanning)
USE Scanning Measuring Projectors

Prolactin
USE LTH

PROLIFERATION [01]
DA August 1977
UF *Nuclear Weapons Proliferation*
RT Denatured Fuel
RT Fuel Cycle
RT Non-Proliferation Treaty
RT Safeguards

PROLINE [01]
UF *2-Pyrrolidinecarboxylic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pyrrolidines
BT2 Amines
BT3 Organic Compounds
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Collagen
RT Hydroxyproline

Promazine
USE Tranquilizers

Promethazine
USE Amines
AND Antihistaminics
AND Hypnotics and Sedatives
AND Phenothiazines

PROMETHIUM [01]
UF *Illinium*
BT1 Rare Earths
BT2 Metals
BT3 Elements

PROMETHIUM 132 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 133 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 134 [01]
DA June 1977
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 135 [01]
DA March 1976
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 136 [01]
DA February 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 137 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei

BT3 Nuclei

PROMETHIUM 138 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 139 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 140 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 141 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 142 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 143 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 144 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 145 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 146 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 147 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROMETHIUM 148 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 149 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 150 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 151 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 152 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 153 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM 154 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Promethium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei

PROMETHIUM ADDITIONS [01]
BT1 Promethium Alloys
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys

PROMETHIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Promethium Additions
NT1 Promethium Base Alloys

PROMETHIUM BASE ALLOYS [01]
BT1 Promethium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

PROMETHIUM BROMIDES [01]
DA April 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

PROMETHIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Promethium Bromides
NT1 Promethium Chlorides
NT1 Promethium Fluorides
NT1 Promethium Hydroxides
NT1 Promethium Iodides
NT1 Promethium Nitrates
NT1 Promethium Oxides
NT1 Promethium Phosphates

PROMETHIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM HYDROXIDES
DA January 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM IODIDES [01]
DA April 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM IONS [01]
BT1 Ions
BT2 Charged Particles

PROMETHIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Promethium 132
NT1 Promethium 133
NT1 Promethium 134
NT1 Promethium 135
NT1 Promethium 136
NT1 Promethium 137
NT1 Promethium 138
NT1 Promethium 139
NT1 Promethium 140
NT1 Promethium 141
NT1 Promethium 142
NT1 Promethium 143
NT1 Promethium 144
NT1 Promethium 145
NT1 Promethium 146
NT1 Promethium 147
NT1 Promethium 148
NT1 Promethium 149
NT1 Promethium 150
NT1 Promethium 151
NT1 Promethium 152
NT1 Promethium 153
NT1 Promethium 154

PROMETHIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Promethium Compounds
BT2 Rare Earth Compounds

PROMETHIUM 149 TARGET [01]
DA July 1976
BT1 Targets

Prominences (Solar)
USE Solar Prominences

PROMOTERS
DA May 1975
RT Catalysts

PROMPT ELECTRONS [01]
DA April 1975
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions

PROMPT GAMMA RADIATION [01]
BT1 Gamma Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT2 Ionizing Radiations
BT3 Radiations
RT Nuclear Reactions
RT Photons

PROMPT NEUTRONS [01]
BT1 Fission Neutrons
BT2 Neutrons
BT3 Nucleons
BT4 Baryons
BT5 Fermions
BT5 Hadrons
BT6 Elementary Particles
RT Fission Spectra
RT Watt Fission Spectrum

PROMPT PROTONS [01]
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

Prongs
USE Particle Tracks

Proof Test Facility United Nuclear Corporation
USE PTF-UNC Reactor

Propadiene
USE Allene

Propagation (Wave)
USE Wave Propagation

PROPAGATOR [01]
RT Feynman Path Integral
RT Quantum Field Theory

PROPANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

1,2,3-Propanetriol
USE Glycerol

1-Propanol
USE Propanols

2-Propanol
USE Propanols

PROPANOLS [01]
UF *1-Propanol*
UF *2-Propanol*
UF *Propyl Alcohols*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds

Propanone
USE Acetone

PROPARGYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

PROPELLANTS
DA January 1975
RT Ammonium Perchlorates
RT Explosives
RT Hydrogen Fuels
RT Propulsion
RT Rockets
RT Slush

Propenal
USE Acrolein

Propene
USE Propylene

PROPER MOTION [01]
BT1 Motion
RT Stars
DEF Motion of a star with relation to the celestial sphere.

PROPERDIN [01]
BT1 Proteins
BT2 Organic Compounds
RT Immunity
RT Zymosan

Properties (Chemical)
DA April 1978
USE Chemical Properties

Properties (Mechanical)
DA April 1978

USE Mechanical Properties

roperties (Physical)
DA April 1978
USE Physical Properties

PROPERTY RIGHTS
DA December 1978
RT Legal Aspects

PROPERTY VALUES
DA February 1978
RT Economics
RT Investment
RT Socio-Economic Factors

Prophase
USE Mitosis

Prophylaxis
USE Preventive Medicine

Propine
USE Propyne

PROPIOLONITRILE
DA January 1975
UF *Cyanoacetylene*
BT1 Nitriles
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

PROPIONIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

PROPORTIONAL COUNTERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 BF3 Counters
NT1 Boron Lined Counters
NT1 He-3 Counters
NT1 Liquid Proportional Counters
NT1 Multiwire Proportional Chambers
NT2 Drift Chambers
NT1 Needle Chambers
NT1 Wall-Less Counters
RT Avalanche Quenching
RT Corona Counters
RT Flow Counters
RT Gas Scintillation Detectors
RT Proton Recoil Detectors
RT Wall Effects

PROPPING AGENTS
DA January 1977
RT Borehole Linking
RT Natural Gas Wells
RT Oil Wells
RT Well Completion
DEF A name given to material (generally sand or other rock material) used to prop the artificial crevice formed when underground formations are hydraulically fractured.

PROPULSION [01]
NT1 Ion Propulsion
NT1 Solar Electric Propulsion
RT Ion Thrusters
RT Propellants
RT Propulsion Reactors
RT Thrusters
RT Transport

PROPULSION REACTORS [01]
BT1 Reactors
NT1 Aircraft Propulsion Reactors
NT2 XMA-1 Reactor
NT1 710 Reactor
NT1 Ship Propulsion Reactors
NT2 Arktika Reactor
NT2 EFDR-50 Reactor
NT2 Enrico Fermi Reactor
NT2 Lenin Reactor
NT2 Mutsu Reactor
NT2 Otto Hahn Reactor
NT2 Savannah Reactor
NT2 S8G Prototype Reactor
***NT1** Space Propulsion Reactors
NT1 Tory-2A Reactor
NT1 Tory-2C Reactor
NT1 XE-Prime Reactor
RT Propulsion
RT ZPR-9 Reactor

Propyl Alcohols
USE Propanols

PROPYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

PROPYLENE [01]
UF *Propene*
BT1 Alkenes
BT2 Hydrocarbons
BT3 Organic Compounds
RT Polypropylene

PROPYNE [01]
UF *Methylacetylene*
UF *Propine*
BT1 Alkynes
BT2 Hydrocarbons
BT3 Organic Compounds

PROSERPINE REACTOR [01]
UF *Saclay Proserpine Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PROSPECTING [01]
NT1 Aerial Prospecting
RT Exploration
RT Geochemical Surveys
RT Geophysical Surveys

PROSTAGLANDINS [01]
RT Hormones
RT Prostate

PROSTATE [01]
BT1 Glands
BT2 Organs
BT3 Body
BT1 Male Genitals
BT2 Organs
BT3 Body
RT Prostaglandins

PROSTHESES [01]
BT1 Medical Supplies
NT1 Mechanical Heart
NT1 Mechanical Kidney
RT Cardiac Pacemakers
RT Surgical Materials

PROTACTINIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements

PROTACTINIUM 216 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROTACTINIUM 217 [01]
DA January 1975
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 218 [01]
DA November 1977
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 222 [01]
DA December 1976
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 223 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 224 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROTACTINIUM 225 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROTACTINIUM 226 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 227 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 228 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 229 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 230 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 231 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

PROTACTINIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 233 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 234 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 235 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 236 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 237 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Protactinium Isotopes
BT2 Actinide Isotopes

PROTACTINIUM ADDITIONS [01]
BT1 Protactinium Alloys
BT2 Actinide Alloys
BT3 Alloys

PROTACTINIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Protactinium Additions
NT1 Protactinium Base Alloys

PROTACTINIUM BASE ALLOYS [01]
BT1 Protactinium Alloys
BT2 Actinide Alloys
BT3 Alloys

PROTACTINIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes

PROTACTINIUM COMPOUNDS [01]
BT1 Actinide Compounds
NT1 Protactinium Bromides
NT1 Protactinium Carbides
NT1 Protactinium Chlorides
NT1 Protactinium Fluorides
NT1 Protactinium Hydroxides
NT1 Protactinium Iodides

NT1 Protactinium Nitrates
NT1 Protactinium Oxides
NT1 Protactinium Phosphates
NT1 Protactinium Sulfates

PROTACTINIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM IONS [01]
BT1 Ions
BT2 Charged Particles

PROTACTINIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Protactinium 216
NT1 Protactinium 217
NT1 Protactinium 218
NT1 Protactinium 222
NT1 Protactinium 223
NT1 Protactinium 224
NT1 Protactinium 225
NT1 Protactinium 226
NT1 Protactinium 227
NT1 Protactinium 228
NT1 Protactinium 229
NT1 Protactinium 230
NT1 Protactinium 231
NT1 Protactinium 232
NT1 Protactinium 233
NT1 Protactinium 234
NT1 Protactinium 235
NT1 Protactinium 236
NT1 Protactinium 237
NT1 Protactinium 238

PROTACTINIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM PHOSPHATES
DA September 1976
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Protactinium Compounds
BT2 Actinide Compounds

PROTACTINIUM SULFATES [01]
BT1 Protactinium Compounds
BT2 Actinide Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

PROTACTINIUM 231 TARGET [01]
DA July 1976
BT1 Targets

PROTAMINES [01]
BT1 Proteins
BT2 Organic Compounds
NT1 Salmin

Protection
USE Safety

Protection (Corrosion)
USE Corrosion Protection

Protection (Radiation)
USE Radiation Protection

Protective Chemicals
DA April 1977
USE Response Modifying Factors

PROTECTIVE CLOTHING [01]
BT1 Clothing
NT1 Gloves
RT Life Support Systems
RT Radiation Protection
RT Respirators
RT Skin Absorption

PROTECTIVE COATINGS [01]
BT1 Coatings
RT Decontamination
RT Latex
RT Waterproofing

Protein-Bound Iodine
USE PBI

PROTEIN DENATURATION [01]
UF *Denaturation (Protein)*
RT Enzymes
RT Heat Treatments
RT Molecular Structure
RT PH Value
RT Proteins

PROTEINS [01]
BT1 Organic Compounds
NT1 Actin
NT1 Albumins
NT2 Luciferin
NT1 Casein
NT1 Ferredoxin
NT1 Ferritin
NT1 Gelatin
NT1 Globin
NT2 Hemoglobin
NT3 Methemoglobin
NT2 Myoglobin
NT1 Globulins
NT2 Angiotensin
NT2 Fibrinogen
NT2 Globulins-Alpha
NT3 Ceruloplasmin
NT3 Haptoglobins
NT2 Globulins-Beta
NT3 Transferrin
NT2 Globulins-Gamma
NT2 Immunoglobulins
NT2 Myosin
NT2 Thyroglobulin
NT1 Glucoproteins
NT2 Ovalbumin
NT1 Hemocyanin
NT1 Histones
NT1 Lipoproteins
NT2 Apolipoproteins
NT2 Myelin
NT1 Mucoproteins
NT2 Haptoglobins
NT2 Intrinsic Factor
NT2 Phytohemagglutinin
NT1 Nucleoproteins
NT1 PBI
NT1 Peptides
NT2 Kinins
NT3 Bradykinin
NT2 Polypeptides
NT3 Calcitonin
NT3 Enkephalins
NT3 Gastrin
NT3 Glucagon
NT3 Glutathione
NT1 Peptone
NT1 Properdin
NT1 Protamines
NT2 Salmin
NT1 Scleroproteins
NT2 Collagen
NT2 Fibrin
NT2 Glutin
NT2 Keratin
RT Amino Acids
RT Blood Plasma
RT CPB
RT Dialysis
RT Food
RT Peanuts
RT Polyamides
RT Protein Denaturation
RT Proteolysis
RT Single Cell Protein

Proteolipids
USE Lipoproteins

PROTEOLYSIS [01]
BT1 Decomposition
BT2 Chemical Reactions
NT1 Fibrinolysis
RT Catabolism
RT Clostridium
RT Peptide Hydrolases
RT Proteins

PROTEUS [01]
BT1 Bacteria
BT2 Microorganisms
RT Feces
RT Soils

PROTEUS REACTOR [01]
UF *Wuerenlingen Proteus Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

PROTHROMBIN [01]
BT1 Blood Coagulation Factors

PROTO-CLEO STELLARATORS [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
RT Cleo Stellarator

PROTON-ANTINEUTRON INTERACTIONS [01]
BT1 Nucleon-Antinucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

PROTON-ANTIPROTON INTERACTIONS [01]
BT1 Nucleon-Antinucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions

PROTON BEAMS [01]
BT1 Nucleon Beams
BT2 Particle Beams
BT3 Beams
RT Proton Channeling
RT Proton Probes
RT Protons

Proton Blocking
USE Proton Channeling

PROTON CHANNELING [01]
UF *Proton Blocking*
BT1 Channeling
RT Proton Beams

PROTON DENSITY [01]
RT Protons

PROTON DETECTION [01]
BT1 Charged Particle Detection
BT2 Radiation Detection
BT3 Detection
RT Proton Dosimetry
RT Recoils

PROTON-DEUTERON INTERACTIONS
DA February 1975
BT1 Nucleon-Deuteron Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
RT Deuterons
RT Protons

PROTON DOSIMETRY [01]
BT1 Dosimetry
RT Proton Detection

PROTON MICROPROBE ANALYSIS [01]
DA September 1978
BT1 Microanalysis

PROTON-NEUTRON INTERACTIONS [01]
BT1 Proton-Nucleon Interactions
BT2 Nucleon-Nucleon Interactions
BT3 Baryon-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

PROTON-NUCLEON INTERACTIONS
DA January 1975
BT1 Nucleon-Nucleon Interactions
BT2 Baryon-Baryon Interactions
BT3 Hadron-Hadron Interactions
BT4 Particle Interactions
BT5 Interactions
NT1 Proton-Neutron Interactions
NT1 Proton-Proton Interactions

PROTON PRECESSION MAGNETOMETERS [01]
BT1 Magnetometers
BT2 Measuring Instruments

PROTON PRECIPITATION [01]
BT1 Charged-Particle Precipitation
RT Aurorae
RT Auroral Oval
RT Midday Aurorae
RT Polar Cusp
RT Radiation Belts

PROTON PROBES [01]
DA September 1976
BT1 Probes
RT Ion Probes
RT Proton Beams

PROTON-PROTON INTERACTIONS [01]
BT1 Proton-Nucleon Interactions
BT2 Nucleon-Nucleon Interactions
BT3 Baryon-Baryon Interactions
BT4 Hadron-Hadron Interactions
BT5 Particle Interactions
BT6 Interactions

PROTON RADIOGRAPHY [01]
DA July 1975
BT1 Industrial Radiography
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing

PROTON REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions
BT1 Nucleon Reactions
BT2 Baryon Reactions
BT3 Hadron Reactions
BT4 Nuclear Reactions

PROTON RECOIL DETECTORS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Proportional Counters
RT Radiator Counters
RT Recoils
RT Scintillation Counters

PROTON SATELLITES [01]
BT1 Satellites
RT Interkosmos Satellites
RT Kosmos Satellites

PROTON SOURCES [01]
BT1 Particle Sources
BT2 Radiation Sources
RT Protons

PROTON SPECTRA [01]
BT1 Spectra
RT Protons

PROTON SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments

PROTON TEMPERATURE [01]
UF *Temperature (Proton)*
RT Energy
RT Protons

PROTON TRANSPORT [01]
UF *Transport (Proton)*
BT1 Charged-Particle Transport
BT2 Radiation Transport

PROTONIUM [01]
BT1 Hadronic Atoms
BT2 Atoms
RT Antiprotons
RT Baryonium
RT Muonium
RT Positronium
RT Protons

PROTONS [01]
UF *SPE*
BT1 Nucleons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
NT1 Cosmic Protons
NT1 Delayed Protons
NT1 Diprotons
NT1 Photoprotons
NT1 Prompt Protons
NT1 Solar Protons
NT1 Trapped Protons
RT Antiprotons
RT Hydrogen Ions 1 Plus
RT Proton Beams
RT Proton Density
RT Proton-Deuteron Interactions
RT Proton Sources
RT Proton Spectra
RT Proton Temperature
RT Protonium

PROTOPLANETS [01]
RT Cosmological Models
RT Planets
RT Solar Nebula
RT Solar System Evolution

Protoplasts
USE Plant Cells

PROTOPORPHYRINS [01]
BT1 Pigments
BT1 Porphyrins
BT2 Heterocyclic Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Hemoglobin

PROTOSTARS [01]
RT Cosmological Models
RT Origin
RT Star Accretion
RT Stars

Prototype a Terre
DA June 1975
USE PAT Reactor

Prototype Fast Reactor Dounreay
USE PFR Reactor

Prototype Large Breeder Reactor
DA August 1977
USE PLBR Reactor

PROTOZOA [01]
BT1 Invertebrates
BT2 Animals
BT1 Microorganisms
NT1 Amoeba
NT1 Babesidae
NT1 Foraminifera
NT1 Paramecium
NT1 Plasmodium
NT1 Tetrahymena
NT1 Trypanosoma
NT1 Trypanosomes
RT Parasites
RT Plankton
RT Zooplankton

Protracted Irradiation
USE Chronic Irradiation

PROXIMITY EFFECT [01]
RT Superconductivity

PROXIMITY SCATTERING
DA January 1975
BT1 Scattering
RT Final-State Interactions
RT Nuclear Reactions
DEF Mutual scatterings of two outgoing particles from sequential nuclear reactions.

PRPR REACTOR [01]
UF *Mayaguez Puerto Rico Pool Reactor*
UF *Puerto Rico Pool Type Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PRR REACTOR [01]
UF *NDA Remote Experiment Station*
UF *Pawling Research Reactor*
UF *PLATR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PRR-1 REACTOR [01]
UF *Philippine Research Reactor-1*
UF *Quezon Philippine Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors

BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

PRTR REACTOR [01]
UF *Plutonium Recycle Test Reactor*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Pressure Tube Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

PRUDHOE BAY
DA June 1977
BT1 Beaufort Sea
BT2 Arctic Ocean
BT3 Seas
BT4 Surface Waters
RT Alaska

PSD
DA July 1979
USE Prevention of Significant Deterioration

PSE REACTOR [01]
UF *Pressurized Sulbcritical Experiment Savannah*
UF *Savannah Pressurized Subcritical Experiment*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Subcritical Assemblies
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

PSEUDOMONAS [01]
BT1 Bacteria
BT2 Microorganisms

Pseudoparticles
DA November 1977
USE Instantons

PSEUDOSCALAR ANTIMESONS [01]
BT1 Antimesons
BT2 Antiparticles
BT3 Antimatter
BT3 Elementary Particles
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT1 Pseudoscalar Mesons
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
NT1 Antikaons
NT2 Antikaons Neutral

PSEUDOSCALAR MESONS [01]
BT1 Mesons
BT2 Bosons
BT2 Hadrons
BT3 Elementary Particles
NT1 Eta Mesons
NT1 Eta-958 Resonances
NT1 Kaons
NT2 Antikaons
NT3 Antikaons Neutral
NT2 Cosmic Kaons
NT2 Kaons Minus
NT2 Kaons Neutral
NT3 Antikaons Neutral
NT3 Kaons Neutral Long-Lived
NT3 Kaons Neutral Short-Lived
NT2 Kaons Plus
NT1 Omega-1675 Resonances
NT1 Pions
NT2 Cosmic Pions
NT2 Pions Minus
NT2 Pions Neutral
NT2 Pions Plus
NT1 Pseudoscalar Antimesons
NT2 Antikaons
NT3 Antikaons Neutral
RT Meson Nonets
RT Sigma Model
DEF Mesons with spin-parity of zero-minus.

PSEUDOSCALARS [01]
RT Scalars

PSEUDOVECTOR COUPLING [01]
BT1 Coupling
RT Nucleons

PSI RESONANCES [01]
DA November 1976
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
NT1 Psi-3105 Resonances
NT1 Psi-3695 Resonances
NT1 PSI-3772 Resonances
NT1 PSI-4028 Resonances
NT1 Psi-4100 Resonances
NT1 Psi-4300 Resonances
NT1 PSI-4414 Resonances
RT Charmonium

PSI-3105 RESONANCES [01]
DA January 1975
UF *J-3105 Resonances*
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-3695 RESONANCES [01]
DA January 1975
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-3772 RESONANCES [01]
DA April 1978
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-4028 RESONANCES [01]
DA July 1978
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-4100 RESONANCES [01]
DA October 1975
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-4300 RESONANCES [01]
DA December 1975
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSI-4414 RESONANCES [01]
DA July 1978
BT1 Psi Resonances
BT2 Vector Mesons
BT3 Meson Resonances
BT4 Mesons
BT5 Bosons
BT5 Hadrons
BT6 Elementary Particles
BT4 Resonance Particles
BT5 Hadrons
BT6 Elementary Particles

PSORALEN [01]
BT1 Anticoagulants
BT2 Drugs
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
RT Benzofurans
RT Coumarin

PSORIASIS [01]
BT1 Skin Diseases
BT2 Diseases
RT Skin

PSR Reactor
USE PSTR Reactor

PSS METHOD [01]
(Perturbed stationary states method.)
UF *Perturbed Stationary States Method*
RT Collisions

PSTR REACTOR [01]
UF *Pennsylvania State University Research Reactor*
UF *PSR Reactor*
UF *TRIGA-Pennsylvania Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors

BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Psychology
USE Behavior

Psychoses
USE Mental Disorders

PSYCHOTROPIC DRUGS [01]
UF *Antidepressants*
BT1 Drugs
NT1 Hallucinogens
NT1 Iproniazid
NT1 Tranquilizers
NT2 Chlorpromazine
NT2 Imipramine
NT2 Reserpine
RT Mental Disorders

PTERIDINES [01]
UF *Pterins*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Aminopterin
NT1 Folic Acid
RT Pyrazines
RT Pyrimidines

Pterins
USE Pteridines

Pteroylglutamic Acid
USE Folic Acid

PTF-UNC REACTOR [01]
UF *Proof Test Facility United Nuclear Corporation*
UF *United Nuclear Corporation Proof Test Reactor*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PTFE
USE Polytetrafluoroethylene

PTR REACTOR [01]
UF *Chalk River Pool Test Reactor*
UF *Pool Test Reactor Chalk River*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Public Attitudes
DA July 1977
USE Public Opinion

PUBLIC BUILDINGS
DA October 1978
BT1 Buildings
NT1 Shopping Centers
RT Federal Buildings
RT Hospitals
RT Libraries
RT Office Buildings
RT School Buildings

Public Corporations
DA July 1979
USE Public Enterprises

PUBLIC ENTERPRISES
DA July 1979
UF *National Enterprises*
UF *Public Corporations*
UF *State Enterprises*
RT Commerce
RT Government Policies
RT Ownership

PUBLIC HEALTH
DA March 1975
RT Health Hazards
RT Medical Centers
RT Quarantine
RT Radiation Protection

PUBLIC LANDS
DA February 1975
NT1 Everglades National Park
NT1 Yellowstone National Park
RT Reserves

Public Law 94-370
DA March 1978
USE Coastal Zone Management Act

PUBLIC OPINION [01]
DA July 1977
UF *Attitudes*
UF *Attitudes of the Public*
UF *Public Attitudes*
RT Aesthetics
RT Ethics
RT Public Relations

PUBLIC POLICY
DA May 1979
RT Government Policies
RT Institutional Factors
RT Political Aspects
DEF Governing policy within a community as embodied in legislative and judicial enactments.

PUBLIC RELATIONS [01]
DA April 1975
UF *Nuclear Contestation*
RT Consumer Protection
RT Management
RT Public Opinion
RT Sociology

PUBLIC UTILITIES [01]
DA February 1975
SF *Utilities*
NT1 Electric Utilities
NT1 Gas Utilities
RT AFUDC
RT CWIP
RT Electric Power
RT Fuel Adjustment Mechanisms
RT IEUS
RT Marginal-Cost Pricing
RT MIUS
RT Natural Gas
RT Off-peak Power
RT Peak-Load Pricing
RT Telephones

PUERTO RICO [01]
UF+ *Region II*
BT1 USA
BT2 North America
BT1 West Indies
BT2 Dominican Republic
BT3 Central America
BT4 Latin America

Puerto Rico Bonus Reactor
USE BONUS Reactor

Puerto Rico Nuclear Center L-77 Reactor
USE PRNC-L-77 Reactor

Puerto Rico Pool Type Reactor
USE PRPR Reactor

PUGET SOUND
DA April 1976
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters
RT Washington

PUGET SOUND NAVAL SHIPYARD
DA July 1977
RT Washington

Pullman Washington State University Reactor
USE WSUR Reactor

Pulmonary Cancer
USE Carcinomas

Pulmonary Lavage
USE Lavage
AND Lungs

Pulps
USE Slurries

PULSARS [01]
BT1 Cosmic Radio Sources
RT Crab Nebula
RT Neutron Stars
RT Starquakes
RT Supernova Remnants

PULSATING VARIABLE STARS [01]
DA December 1978
BT1 Variable Stars
BT2 Stars
NT1 Cepheids

PULSATIONS [01]
UF *Micropulsations*
UF *Pearl Pulsations*
RT Disturbances
RT Oscillations
RT Pulses
RT Variations

PULSATOR DEVICES
DA April 1975
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

PULSATOR STELLARATOR [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

PULSE AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment
RT Cathode Followers
RT Pulse Circuits
RT Pulse Techniques

PULSE ANALYZERS [01]
UF *Analyzers (Pulse)*
UF *Kicksorters*
BT1 Electronic Equipment
NT1 Multi-Channel Analyzers
RT Pulse Circuits
RT Pulse Discriminators
RT Pulse Techniques
RT Spectrometers

PULSE CIRCUITS [01]
BT1 Electronic Circuits
NT1 Multivibrators
NT2 Flip-Flop Circuits
NT1 Pulse Discriminators
NT1 Pulse Shapers
NT1 Trigger Circuits
NT2 Transistor Trigger Circuits
RT Coincidence Circuits
RT Counting Circuits
RT Pulse Amplifiers
RT Pulse Analyzers
RT Pulse Generators
RT Pulse Techniques
RT Transistor Oscillators

Pulse Columns
USE Extraction Columns

PULSE CONVERTERS [01]
UF *Converters (Pulse)*
BT1 Electronic Equipment
NT1 Current-to-Frequency Converters

NT1 Time-to-Amplitude Converters
RT Pulse Techniques

PULSE DISCRIMINATORS [01]
BT1 Discriminators
BT2 Electronic Circuits
BT1 Pulse Circuits
BT2 Electronic Circuits
RT Pulse Analyzers

PULSE GENERATORS [01]
UF *Generators (Pulse)*
BT1 Function Generators
BT2 Electronic Equipment
NT1 High-Voltage Pulse Generators
RT Blocking Oscillators
RT Frequency Converters
RT Multivibrators
RT Pulse Circuits
RT Pulse Shapers
RT Pulse Techniques

PULSE INTEGRATORS [01]
UF *Integrators (Pulse)*
BT1 Electronic Equipment
RT Counting Ratemeters
RT Pulse Techniques

PULSE PILEUP [01]
RT Time Resolution
RT Timing Properties

PULSE RISE TIME [01]
UF *Rise Time*
BT1 Timing Properties
RT Peaks
RT Pulses
RT Time Measurement

PULSE SHAPERS [01]
UF *Clipping Circuits*
UF *Pulse Stretchers*
BT1 Pulse Circuits
BT2 Electronic Circuits
RT Pulse Generators

Pulse Stretchers
USE Pulse Shapers

PULSE TECHNIQUES [01]
RT Counting Circuits
RT Counting Ratemeters
RT Counting Techniques
RT Counting Tubes
RT Delay Circuits
RT Electronic Equipment
RT Oscillators
RT Pulse Amplifiers
RT Pulse Analyzers
RT Pulse Circuits
RT Pulse Converters
RT Pulse Generators
RT Pulse Integrators
RT Pulses
RT Radiation Detection
RT Radiation Detectors
RT Scalers

Pulsed Beam Deflectors
DA February 1975
USE Beam Pulsers

PULSED D-T REACTORS [01]
BT1 D-T Reactors
BT2 Thermonuclear Reactors
BT1 Pulsed Fusion Reactors
BT2 Thermonuclear Reactors

PULSED FUSION REACTORS [01]
BT1 Thermonuclear Reactors
NT1 Pulsed D-T Reactors
RT Laser Implosions

PULSED IRRADIATION [01]
BT1 Irradiation
RT Beam Pulsers
RT Dose Rates
RT Temporal Dose Distributions

PULSED MAGNET COILS [01]
BT1 Magnet Coils
BT2 Electric Coils
BT3 Electrical Equipment
BT4 Equipment

PULSED MHD GENERATORS
DA May 1977
UF *Explosively-driven MHD Generators*
BT1 MHD Generators
BT2 Direct Energy Converters
DEF MHD generators driven by explosives, shock tubes, plasma jets, etc.

PULSED NEUTRON TECHNIQUES [01]
RT Neutron Beams
RT Pulses

PULSED REACTORS [01]
UF *Burst Reactors*
BT1 Reactors
NT1 ACPR Reactor
NT1 APRF Reactor
NT1 ATPR Reactor
NT1 Columbia TRIGA-Mk-2 Reactor
NT1 FBRF Reactor
NT1 FIR-1 Reactor
NT1 FRAN Reactor
NT1 Hector Reactor
NT1 HPRR Reactor
NT1 IBR-2 Reactor
NT1 IBR-30 Reactor
NT1 Kalpakkam PFR Reactor
NT1 NSRR Reactor
NT1 OSTR Reactor
NT1 PBF Reactor
NT1 SORA Reactor
NT1 SPR-2 Reactor
NT1 SPR-3 Reactor
NT1 Super Kukla Reactor
NT1 TRIGA-3-Illinois Reactor
NT1 TRIGA-2-Kansas Reactor
NT1 TRIGA-2-Mainz Reactor
NT1 TRIGA-3-Munich Reactor
NT1 TRIGA-2-Pavia Reactor
NT1 TRIGA-Texas Reactor
NT1 UCBRR Reactor
NT1 VIPER Reactor
NT1 WSUR Reactor
RT Reactivity Insertions

PULSES [01]
UF *Electric Pulses*
UF *Impulse*
RT Beam Pulsers
RT Electrocardiograms
RT Pulsations
RT Pulse Rise Time
RT Pulse Techniques
RT Pulsed Neutron Techniques
RT Signals
RT Surges

PULSTAR-BUFFALO REACTOR [01]
UF *Buffalo PULSTAR Reactor*
UF *BUSPR Reactor*
UF *Western New York Nuclear Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

PULSTAR-RALEIGH REACTOR [01]
UF *NCUSPR Reactor*
UF *North Carolina PULSTAR Reactor*
UF *Raleigh PULSTAR Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Pulverization
DA April 1978
USE Comminution

Pulverized Fuel Ash
DA June 1977
USE Fly Ash

PULVERIZERS
DA August 1978
RT Comminution
RT Crushing
RT Fuel Feeding Systems

PUMICE
DA April 1975
BT1 Igneous Rocks
BT2 Rocks
RT Abrasives
DEF A light-colored, vesicular, glassy rock commonly having the composition of a rhyolite.

PUMPED STORAGE
DA January 1975
BT1 Energy Storage
BT2 Storage
RT Hydroelectric Power Plants
RT Off-Peak Energy Storage
RT Pumped Storage Power Plants
RT Pumping

PUMPED STORAGE POWER PLANTS
DA May 1976
BT1 Hydroelectric Power Plants
BT2 Power Plants
BT1 Peaking Power Plants
BT2 Power Plants
RT Hydroelectric Power
RT Pumped Storage
RT Water Reservoirs

PUMPHERSTON RETORT
DA November 1975
BT1 Retorts
BT2 Chemical Reactors
RT Oil Shales

PUMPING
DA February 1975
RT Pumped Storage
RT Pumps

PUMPS [01]
UF *Hydraulic Rams*
NT1 Electromagnetic Pumps
NT1 Vacuum Pumps
NT2 Cryopumps
NT2 Sputter-Ion Pumps
NT2 Turbomolecular Pumps
NT1 Water Pumps
NT2 Solar Water Pumps
NT1 Wind-Powered Pumps
RT Air Source Heat Pumps
RT Blowers
RT Compressors
RT Heat Pumps
RT Pumping
RT Reactor Components
RT Reactor Cooling Systems
RT Shafts
RT Turbomachinery
RT Water Source Heat Pumps

PUNCHED CARDS [01]
RT Memory Devices

PUNCHED TAPES [01]
RT Memory Devices

PUPAE [01]
RT Age Groups
RT Insects
RT Life Cycle
RT Metamorphosis

PUR-1 REACTOR [01]
UF *Purdue University Reactor-1*

UF *West Lafayette Purdue Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

PURASIV S PROCESS
DA December 1977
RT Desulfurization
RT Waste Processing
DEF Fixed-bed SO_2 adsorption process using moleuclar sieve.

Purdue University Reactor-1
USE PUR-1 Reactor

PUREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
NT1 Halex Process
NT1 Saltex Process
RT Solvent Extraction

PURIFICATION [01]
NT1 Hot Gas Cleanup
RT Cleaning
RT Crystallization
RT Deashing
RT Decontamination
RT Enrichment
RT Impurities
RT Refining
RT Separation Processes

PURINES [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
NT1 Adenines
NT2 Kinetin
NT1 Guanine
NT1 Guanosine
NT1 Hypoxanthine
NT1 Inosine
NT1 Mercaptopurine
NT1 Xanthines
NT2 Caffeine
NT2 Theobromine
NT2 Theophylline
NT2 Uric Acid
RT Nucleosides

PURISOL PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of acid gases from syngas and natural gas streams using physical absorption in N-methylpyrrolidone (NMP).

Purity
USE Impurities

PURNIMA REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

PUROMYCIN [01]
BT1 Antibiotics
BT2 Drugs

PUROX PYROLYSIS PROCESS
DA November 1975
UF *Union Carbide Waste Processing System*
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
RT Pyrolysis
RT Solid Wastes
RT Waste Processing Plants
DEF Union Carbide process for pyrolysis of solid wastes using pure oxygen to supply high temperature zone with production of low BTU gas that can be upgraded to high BTU gas.

PURPURA [01]
BT1 Hemic Diseases
BT2 Diseases

Purpuric Acid
USE Murexide

Pusan Kori-1 Reactor
USE Kori-1 Reactor

Pusan Kori-2 Reactor
DA April 1977
USE Kori-2 Reactor

PUTRESCINE [01]
UF *1,4-Diaminobutane*
UF *Tetramethylenediamine*
BT1 Amines
BT2 Organic Compounds

PVA [01]
UF *Polyvinyl Alcohol*
BT1 Alcohols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

PVC [01]
UF *Polyvinyl Chloride*
BT1 Chlorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Chlorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

PVP [01]
UF *Polyvinylpyrrolidone*
BT1 Blood Substitutes
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
BT1 Pyrrolidones
BT2 Lactams
BT3 Amides
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

PWBA
USE Born Approximation

PWR TYPE REACTORS [01]
UF *Pressurized Water Cooled/Moderated Reactor*
UF *Pressurized Water Reactors*
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 Aguirre Reactor
NT1 Almaraz-1 Reactor
NT1 Almaraz-2 Reactor
NT1 Angra-1 Reactor
NT1 Angra-2 Reactor
NT1 Angra-3 Reactor
NT1 APCR Reactor
NT1 Ardennes Reactor
NT1 Arkansas-1 Reactor
NT1 Arkansas-2 Reactor
NT1 Arktika Reactor
NT1 Armenia-1 Reactor
NT1 Armenia-2 Reactor
NT1 Asco-1 Reactor
NT1 Asco-2 Reactor
NT1 Atlantic-1 Reactor
NT1 Atlantic-2 Reactor
NT1 BASF-1 Reactor
NT1 BASF-2 Reactor
NT1 Beaver Valley-1 Reactor
NT1 Beaver Valley-2 Reactor
NT1 Bellefonte-1 Reactor
NT1 Bellefonte-2 Reactor
NT1 Beznau-1 Reactor
NT1 Beznau-2 Reactor
NT1 Biblis-A Reactor
NT1 Biblis-B Reactor
NT1 Biblis-3 Reactor
NT1 Biblis-4 Reactor
NT1 Blue Hills-1 Reactor
NT1 Blue Hills-2 Reactor
NT1 Bohunice V-1 Reactor
NT1 Borssele Reactor
NT1 BR-3 Reactor
NT1 Braidwood-1 Reactor
NT1 Braidwood-2 Reactor
NT1 Brokdorf Reactor
NT1 Bugey-2 Reactor
NT1 Bugey-3 Reactor
NT1 BW Standard Reactor
NT1 Byron-1 Reactor
NT1 Byron-2 Reactor
NT1 Calhoun-1 Reactor
NT1 Calhoun-2 Reactor
NT1 Callaway-1 Reactor
NT1 Callaway-2 Reactor
NT1 Calvert Cliffs-1 Reactor
NT1 Calvert Cliffs-2 Reactor
NT1 Catawba-1 Reactor
NT1 Catawba-2 Reactor
NT1 CE Standard Reactor
NT1 Cherokee-1 Reactor
NT1 Cherokee-2 Reactor
NT1 Cherokee-3 Reactor
NT1 Comanche Peak-1 Reactor
NT1 Comanche Peak-2 Reactor
NT1 Connecticut Yankee Reactor
NT1 Cook-1 Reactor
NT1 Cook-2 Reactor
NT1 Crystal River-3 Reactor
NT1 Crystal River-4 Reactor
NT1 Davis Besse-1 Reactor
NT1 Davis Besse-2 Reactor
NT1 Davis Besse-3 Reactor
NT1 Diablo Canyon-1 Reactor
NT1 Diablo Canyon-2 Reactor
NT1 Doel-1 Reactor
NT1 Doel-2 Reactor
NT1 Doel-3 Reactor
NT1 Duke-1 Reactor
NT1 Duke-2 Reactor
NT1 Dukovany V-2 Reactor
NT1 EFDR-50 Reactor
NT1 Enrico Fermi Reactor
NT1 Erie-1 Reactor
NT1 Erie-2 Reactor
NT1 Farley-1 Reactor
NT1 Farley-2 Reactor
NT1 Fessenheim-1 Reactor
NT1 Forked River-1 Reactor
NT1 Genkai-1 Reactor
NT1 Genkai-2 Reactor
NT1 Ginna-1 Reactor

NT1 Goesgen Reactor
NT1 Grafenrheinfeld Reactor
NT1 Greene County Reactor
NT1 Greenwood-2 Reactor
NT1 Greenwood-3 Reactor
NT1 Grohnde Reactor
NT1 Hamm-Uentrop Reactor
NT1 Harris-1 Reactor
NT1 Harris-2 Reactor
NT1 Harris-3 Reactor
NT1 Harris-4 Reactor
NT1 Haven-1 Reactor
NT1 Haven-2 Reactor
NT1 Ikata Reactor
NT1 Indian Point-1 Reactor
NT1 Indian Point-2 Reactor
NT1 Indian Point-3 Reactor
NT1 Iran-1 Reactor
NT1 Iran-2 Reactor
NT1 Jamesport-1 Reactor
NT1 Jamesport-2 Reactor
NT1 Kewaunee Reactor
NT1 Koeberg-2 Reactor
NT1 Kori-1 Reactor
NT1 Kori-2 Reactor
NT1 Koshkonong-1 Reactor
NT1 Koshkonong-2 Reactor
NT1 Kozloduy-1 Reactor
NT1 Kozloduy-2 Reactor
NT1 Krsko Reactor
NT1 Lemoniz-1 Reactor
NT1 Lemoniz-2 Reactor
NT1 Lenin Reactor
NT1 Loft Reactor
NT1 Lucie-1 Reactor
NT1 Lucie-2 Reactor
NT1 Maine Yankee Reactor
NT1 Malibu-1 Reactor
NT1 Marble Hill-1 Reactor
NT1 Marble Hill-2 Reactor
NT1 Mc Guire-1 Reactor
NT1 Mc Guire-2 Reactor
NT1 MH-1A Reactor
NT1 Midland-1 Reactor
NT1 Midland-2 Reactor
NT1 Mihama-1 Reactor
NT1 Mihama-2 Reactor
NT1 Mihama-3 Reactor
NT1 Millstone-2 Reactor
NT1 Millstone-3 Reactor
NT1 Muelheim-Kaerlich Reactor
NT1 Mutsu Reactor
NT1 Neckar Reactor
NT1 NEP-1 Reactor
NT1 NEP-2 Reactor
NT1 Neupotz-1 Reactor
NT1 Neupotz-2 Reactor
NT1 North Anna-1 Reactor
NT1 North Anna-2 Reactor
NT1 North Anna-3 Reactor
NT1 North Anna-4 Reactor
NT1 North Coast-1 Reactor
NT1 Obrigheim Reactor
NT1 Oconee-1 Reactor
NT1 Oconee-2 Reactor
NT1 Oconee-3 Reactor
NT1 Oi-1 Reactor
NT1 Oi-2 Reactor
NT1 Oktemberyan-1 Reactor
NT1 Oktemberyan-2 Reactor
NT1 Otto Hahn Reactor
NT1 Palisades-1 Reactor
NT1 Palo Verde-1 Reactor
NT1 Palo Verde-2 Reactor
NT1 Palo Verde-3 Reactor
NT1 Palo Verde-4 Reactor
NT1 Palo Verde-5 Reactor
NT1 PAT Reactor
NT1 Pebble Springs-1 Reactor
NT1 Pebble Springs-2 Reactor
NT1 Perkins-1 Reactor
NT1 Perkins-2 Reactor
NT1 Perkins-3 Reactor
NT1 Pilgrim-2 Reactor
NT1 Pilgrim-3 Reactor
NT1 PM-2A Reactor
NT1 PM-3A Reactor
NT1 PM-1 Reactor
NT1 Point Beach-1 Reactor
NT1 Point Beach-2 Reactor
NT1 Prairie Island-1 Reactor
NT1 Prairie Island-2 Reactor
NT1 Quanicassee-1 Reactor
NT1 Quanicassee-2 Reactor
NT1 Rancho Seco-1 Reactor
NT1 Remerschen Reactor
NT1 Rheinsberg AKW1 Reactor
NT1 Ringhals-2 Reactor
NT1 Ringhals-3 Reactor
NT1 Robinson-2 Reactor
NT1 Rooppur Reactor
NT1 Rowe Yankee Reactor
NT1 Salem-1 Reactor
NT1 Salem-2 Reactor
NT1 San Onofre-1 Reactor
NT1 San Onofre-2 Reactor
NT1 San Onofre-3 Reactor
NT1 Savannah Reactor
NT1 Saxton Reactor
NT1 S1C Prototype Reactor
NT1 Seabrook-1 Reactor
NT1 Seabrook-2 Reactor
NT1 Selni Reactor
NT1 Sequoyah-1 Reactor
NT1 Sequoyah-2 Reactor
NT1 Shippingport Reactor
NT1 SM-1A Reactor
NT1 SM-1 Reactor
NT1 South Texas Project-1 Reactor
NT1 South Texas Project-2 Reactor
NT1 Stade Reactor
NT1 Sterling-1 Reactor
NT1 Sterling-2 Reactor
NT1 Summer-1 Reactor
NT1 Sundesert-1 Reactor
NT1 Sundesert-2 Reactor
NT1 Surry-1 Reactor
NT1 Surry-2 Reactor
NT1 Surry-3 Reactor
NT1 Surry-4 Reactor
NT1 Takahama-1 Reactor
NT1 Takahama-2 Reactor
NT1 Three Mile Island-1 Reactor
NT1 Three Mile Island-2 Reactor
NT1 Tihange Reactor
NT1 Trojan Reactor
NT1 Turkey Point-3 Reactor
NT1 Turkey Point-4 Reactor
NT1 TVA-1 Reactor
NT1 TVA-2 Reactor
NT1 Tyrone-1 Reactor
NT1 Tyrone-2 Reactor
NT1 Unterweser Reactor
NT1 Vahnum-1 Reactor
NT1 Vahnum-2 Reactor
NT1 Vogtle-1 Reactor
NT1 Vogtle-2 Reactor
NT1 Vogtle-3 Reactor
NT1 Vogtle-4 Reactor
NT1 Waterford-3 Reactor
NT1 Waterford-4 Reactor
NT1 Watts Bar-1 Reactor
NT1 Watts Bar-2 Reactor
NT1 Westinghouse Standard Reactor
NT1 WNP-1 Reactor
NT1 WNP-3 Reactor
NT1 WNP-4 Reactor
NT1 WNP-5 Reactor
NT1 Wolf Creek-1 Reactor
NT1 WUP-3 Reactor
NT1 WUP-4 Reactor
NT1 WUP-5 Reactor
NT1 WUP-6 Reactor
NT1 WWER Type Reactors
NT2 Greifswald-1 Reactor
NT2 Greifswald-2 Reactor
NT2 Greifswald-3 Reactor
NT2 Greifswald-4 Reactor
NT2 Kola-1 Reactor
NT2 Kola-2 Reactor
NT2 Loviisa Reactor
NT2 Loviisa-1 Reactor
NT2 Loviisa-2 Reactor
NT2 PAKS-1 Reactor
NT2 PAKS-2 Reactor
NT2 Rovno-1 Reactor
NT2 Rovno-2 Reactor
NT2 Rovno-3 Reactor
NT2 WWER-1 Reactor
NT2 WWER-2 Reactor
NT2 WWER-3 Reactor
NT2 WWER-4 Reactor
NT2 WWER-5 Reactor
NT1 Wyhl-1 Reactor
NT1 Wyhl-2 Reactor
NT1 Yellow Creek-1 Reactor
NT1 Yellow Creek-2 Reactor
NT1 Zarnowiec Reactor
NT1 Zion-1 Reactor
NT1 Zion-2 Reactor
NT1 Zorita-1 Reactor
RT Power Reactors

PWR/41 Type Reactors
DA February 1975
USE Westinghouse Standard Reactor

PWR/80 Type Reactors
DA February 1975
USE CE Standard Reactor

PWR/241 Type Reactors
DA February 1975
USE BW Standard Reactor

PYCNOMETERS [01]
BT1 Densimeters
BT2 Measuring Instruments

PYRANOMETERS
DA January 1975
BT1 Measuring Instruments
RT Photometers
RT Radiometers
RT Solar Radiation

PYRANS [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Coumarin
NT1 Hematoxylin
NT1 Quercetin
NT1 Tetrahydropyran
DEF Compounds that contain a six-membered heterocyclic ring containing one oxygen atom.

PYRAZINES [01]
UF *1,4-Diazines*
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Neutral Red
NT1 Phenazine
NT1 Piperazines
RT Pteridines
DEF Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 4 positions.

PYRAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Indazoles
NT1 Pyrazolines
NT2 Antipyrine
DEF Compounds contain a five-membered heterocyclic ring containing nitrogen atoms in the 1 and 2 positions.

PYRAZOLINES [01]
BT1 Pyrazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

NT1 Antipyrine

PYRENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

PYREX [01]
RT Glass

PYRHELIOMETERS
DA January 1975
BT1 Measuring Instruments
BT1 Telescopes
RT Solar Flux

PYRIDAZINES [01]
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Phthalazines
DEF Compounds that contain six-membered heterocyclic ring containing nitrogen atoms in the 1 and 2 positions.

PYRIDINE
DA May 1976
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

Pyridineazohydroxynaphthalene
USE PAN

2-Pyridinecarboxylic Acid
USE Picolinic Acid

PYRIDINES [01]
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Acridines
NT2 Acridine Orange
NT2 Acridones
NT2 Flavines
NT3 Acriflavine
NT3 Proflavine
NT1 Bipyridines
NT1 Diodrast
NT1 Nicotinamide
NT1 Nicotine
NT1 Nicotinic Acid
NT1 PAN
NT1 Phenatine
NT1 Picolines
NT2 Picolinic Acid
NT1 Piperidines
NT2 Pethidine
NT2 TAN
NT1 Pyridine
NT1 Pyridinium Compounds
NT1 Pyridoxal
NT1 Pyridoxine
NT1 Pyridoxylideneglutamate
NT1 Pyridylazoresorcinol
NT1 Quinolines
NT2 Ferron
NT2 Kynurenic Acid
NT2 Oxine
NT2 Quinaldine
RT Isoniazid
RT NAD
DEF Compounds that contain a six-membered heterocyclic ring containing one nitrogen atom.

PYRIDINIUM COMPOUNDS [01]
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Quaternary Compounds
BT2 Amines
BT3 Organic Compounds
BT2 Ammonium Compounds

PYRIDOXAL [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Coenzymes
RT Picolines
RT Vitamin B Group

PYRIDOXINE [01]
UF *Vitamin B-6*
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins

PYRIDOXYLIDENEGLUTAMATE [01]
DA March 1978
BT1 Glutamic Acid
BT2 Amino Acids
BT3 Carboxylic Acids
BT4 Organic Acids
BT5 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Radiopharmaceuticals

PYRIDYL RADICALS [01]
BT1 Radicals

Pyridylazonaphthol
USE PAN

PYRIDYLAZORESORCINOL [01]
BT1 Diazo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Reagents

PYRIMIDINES [01]
UF *1,3-Diazines*
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Alloxan
NT1 Barbiturates
NT2 Amytal
NT2 Nembutal
NT2 Phenobarbital
NT2 Thiopental
NT1 Cytidine
NT1 Cytosine
NT1 Deoxycytidine
NT1 Murexide
NT1 Sulfadiazine
NT1 Thiamine
NT1 Thymidine
NT1 Uracils
NT2 Bromouracils
NT3 BUDR
NT2 Deoxyuridine
NT2 Fluorouracils
NT3 FUDR
NT2 Iodouracils
NT3 Iododeoxyuridine
NT2 Orotic Acid
NT2 Thiouracil
NT2 Thymine
NT2 Uridine
RT Nucleosides
RT Pteridines
DEF Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 3 positions.

PYRITE [01]
DA April 1975
BT1 Iron Sulfides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Pyrites
BT2 Minerals
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT2 Sulfur Ores
BT3 Ores
RT Ledgemont Process

PYRITES
DA April 1976
BT1 Minerals
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Sulfur Ores
BT2 Ores
NT1 Pyrite
RT Marcasite

Pyrocarbon
DA April 1975
USE Pyrolytic Carbon

Pyrocatechin
USE Pyrocatechol

PYROCATECHOL [01]
UF *Catechol*
UF *1,2-Dihydroxybenzene*
UF *Dihydroxybenzene-ortho*
UF *Pyrocatechin*
BT1 Developers
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
RT Catecholamines
RT Dopamine
RT Pyrocatechol Violet

PYROCATECHOL VIOLET [01]
BT1 Dyes
BT1 Indicators
RT Pyrocatechol

PYROELECTRIC EFFECT
DA January 1975
RT Electric Charges
RT Electric Potential
DEF Electric polarity produced in certain crystals by a change in temperature.

Pyrogallic Acid
USE Pyrogallol

PYROGALLOL [01]
UF *Pyrogallic Acid*
UF *1,2,3-Trihydroxybenzene*
BT1 Developers
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds

PYROGENS [01]
RT Fever
RT Peptides
RT Polysaccharides

PYROLYSIS [01]
UF *Thermal Decomposition*
BT1 Decomposition
BT2 Chemical Reactions
BT1 Thermochemical Processes
NT1 Calcination
NT1 Cracking
NT2 Catalytic Cracking
NT2 Hydrocracking
NT2 Thermal Cracking
RT Bailie Process
RT CS-SR Process
RT Destructive Distillation
RT Dissociation
RT Flash Hydropyrolysis Process
RT Landgard Pyrolysis System
RT Occidental Flash Pyrolysis Process
RT Purox Pyrolysis Process
RT Pyrolysis Products
RT Thermal Degradation

PYROLYSIS PRODUCTS
DA July 1979
NT1 Chars
NT1 Pyrolytic Gases
NT1 Pyrolytic Oils
RT Combustion Products
RT Pyrolysis
RT Synthetic Fuels
RT Volatile Matter
RT Wastes
DEF Products from the pyrolysis or thermochemical reactions of carbonaceous materials (excluding coal and oil shale).

PYROLYTIC CARBON [01]
UF *Pyrocarbon*
BT1 Carbon
BT2 Nonmetals
BT3 Elements

PYROLYTIC GASES
DA July 1979
BT1 Pyrolysis Products
RT Chemical Feedstocks
RT Pyrolytic Oils
RT Synthetic Fuels
RT Volatile Matter
DEF Gaseous products from the pyrolysis or thermochemical reactions of carbonaceous materials (excluding coal and oil shale.

PYROLYTIC OILS
DA October 1978
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Pyrolysis Products
BT1 Synthetic Fuels
BT2 Fuels
RT Coal Liquids
RT Pyrolytic Gases
RT Shale Oil
DEF Oils produced from organic materials (excluding coal and oil shale) by pyrolysis or thermochemical reactions.

PYROMETALLURGY [01]
BT1 Extractive Metallurgy
BT2 Metallurgy
NT1 Chloride Volatility Process
NT1 Fluoride Volatility Process
RT Calcination
RT Reduction
RT Roasting
RT Smelting

PYROMETERS [01]
BT1 Measuring Instruments
NT1 Optical Pyrometers
RT Temperature Measurement
DEF Instrumemts that measures high temperature, e.g. of molten lavas, by electrical or optical means.

PYROPHOSPHATES [01]
BT1 Oxygen Compounds
BT1 Phosphorus Compounds

PYROPHYLLITE
DA April 1975
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
DEF A white, greenish, gray, or brown mineral: $AlSi_2O_5(OH)$.

PYROTECHNIC DEVICES
DA May 1975
RT Ammunition
RT Chemical Explosives

PYROTEK PROCESS
DA April 1977
RT Low BTU Gas
RT Waste Processing
DEF Shredded refuse is heated on a vibrating conveyor in less than stoichiometric air to produce low Btu gas in this process developed by Foster Wheeler Corp.

PYROXENES
DA January 1975
BT1 Minerals
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
NT1 Diopside
NT1 Enstatite
NT1 Hedenbergite
DEF A group of dark, rock-forming silicate minerals having the general formula: $ABSi_2O_5$, where A=Ca,Na,Mg, or Fe^{+2}, and B=Mg,Fe^{+3}, or Al.

Pyroxylin
USE Nitrocellulose

PYRRHOTITE
DA March 1976
BT1 Iron Sulfides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Sulfides
BT3 Chalcogenides
BT3 Sulfur Compounds
BT1 Minerals
NT1 Troilite
DEF A common reddish-brown to bronze hexagonal mineral.

Pyrrolase (Tryptophan)
USE Tryptophan Oxygenase

PYRROLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Bilirubin
NT1 Biliverdin
NT1 Indoles
NT2 Indocyanine Green
NT2 Lysergic Acid
NT2 Reserpine
NT2 Strychnine
NT2 Tryptamines
NT3 Bufotenine
NT3 Melatonin
NT3 Serotonin
NT4 Mexamine
NT2 Tryptophan
NT2 Vinblastine
NT1 Pyrrolidines
NT2 Hydroxyproline
NT2 Nicotine
NT2 Proline
NT1 Pyrrolidones
NT2 PVP
NT1 Stercobilin
NT1 Urobilinogen
RT Carbazoles
DEF Compounds that contain a five-membered heterocyclic ring containing one nitrogen atom.

2-Pyrrolidinecarboxylic Acid
USE Proline

PYRROLIDINES [01]
UF *Tetrahydropyrroles*
BT1 Amines
BT2 Organic Compounds
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Hydroxyproline
NT1 Nicotine
NT1 Proline

PYRROLIDONES [01]
BT1 Lactams
BT2 Amides
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 PVP

PYRUVIC ACID [01]
UF *Ketopropionic Acid-alpha*
BT1 Keto Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Q CENTERS [01]
DA November 1977
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

Q CODES [01]
BT1 Computer Codes

Q DEVICES [01]
BT1 Open Plasma Devices
BT2 Thermonuclear Devices
NT1 Helios Devices
NT1 QP Devices
RT Magnetic Mirrors

Q Enhancement
USE Q Resonances

Q RESONANCES [01]
UF *Q Enhancement*
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles

BT3 Hadrons
BT4 Elementary Particles

Q-SHIFT [01]
DA August 1976
RT Betatron Oscillations
RT Particle Beams

Q-SWITCHING [01]
RT Lasers
RT Switches

Q-VALUE [01]
BT1 Energy
RT Nuclear Reaction Kinetics

QATAR
DA October 1976
BT1 Asia
BT1 Middle East
RT OPEC

Qf (Radiation)
USE Quality Factor

QP DEVICES [01]
BT1 Q Devices
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

QUAD CITIES-1 REACTOR [01]
UF *Cordova Quad Cities-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

QUAD CITIES-2 REACTOR [01]
UF *Cordova Quad Cities-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

QUADRATURES [01]
UF *Gauss Quadratures*
RT Integrals

QUADRICYCLENE
DA December 1977
BT1 Cycloalkanes
BT2 Alkanes
BT3 Hydrocarbons
BT4 Organic Compounds

QUADRUPOLAR CONFIGURATIONS [01]
BT1 Multipolar Configurations
BT2 Closed Configurations
BT3 Magnetic Field Configurations

QUADRUPOLE MOMENTS [01]
RT Beam Focusing Magnets
RT Electric Moments
RT Magnetic Moments
RT Nuclear Electric Moments
RT Nuclear Magnetic Moments
RT Nuclear Quadrupole Resonance
RT Quadrupoles

QUADRUPOLES [01]
BT1 Multipoles
RT Quadrupole Moments

QUALITATIVE CHEMICAL ANALYSIS [01]
UF *Analysis (Qualitative Chemical)*
UF *Assaying*
UF+ *Urinalysis*
BT1 Chemical Analysis
RT Activation Analysis
RT Chemistry
RT Emission Spectroscopy
RT Microanalysis
RT Radiochemical Analysis

QUALITY ASSURANCE [01]
RT Certification
RT Quality Control
RT Reliability
RT Safety
RT Standardization
DEF The planned and systemtic actions necessary to provide adequate confidence that a structure, system, or component will perform satisfactorily in service.

QUALITY CONTROL [01]
BT1 Control
RT Errors
RT Inspection
RT Materials Testing
RT Nondestructive Testing
RT Performance Testing
RT Quality Assurance
RT Reliability
RT Safety
RT Sampling
RT Specifications
RT Standardization

QUALITY FACTOR [01]
UF *Qf (Radiation)*
RT Dose Equivalents
RT LET
RT Oxygen Enhancement Ratio
RT Radiation Quality
RT RBE

QUALITY OF LIFE
DA November 1978
SF *Way of Life*
RT Life Styles
RT Standard of Living
RT Working Conditions

QUANICASSEE-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

QUANICASSEE-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

QUANTITATIVE CHEMICAL ANALYSIS [01]
UF *Analysis (Quantitative Chemical)*
BT1 Chemical Analysis
NT1 Gravimetric Analysis
NT2 Thermal Gravimetric Analysis
NT1 Radio-Release Analysis
NT1 Radiometric Analysis
NT1 Volumetric Analysis
RT Activation Analysis
RT Amperometry
RT Body Composition
RT Chemical Composition
RT Chemistry
RT Emission Spectroscopy
RT Fluorescence Spectroscopy
RT Gas Analysis
RT Iodometry
RT Isotope Dilution
RT Kjeldahl Method
RT Microanalysis
RT Polarography
RT Potentiometry
RT Quantity Ratio
RT Radiochemical Analysis
RT Ring Oven Method
RT Substoichiometry
RT Titration
RT Voltametry
RT X-Ray Emission Analysis
RT X-Ray Fluorescence Analysis

QUANTITY RATIO [01]
(Quantitative values of at least one entity in another; not for ISOTOPE RATIO.)
SF *Concentration*
UF *Concentration (Analytical)*
UF *Concentration Dependence*
RT Abundance
RT Chemical Composition
RT Quantitative Chemical Analysis
RT Thermodynamic Activity

QUANTUM CHROMODYNAMICS [01]
DA November 1977
UF *Chromodynamics*
BT1 Quantum Field Theory
BT2 Field Theories
RT Bag Model
RT CIM Model
RT Color Model
RT Gluon Model
RT Gluons
RT Instantons
RT Quantum Electrodynamics
RT Quantum Flavordynamics
RT Vector Fields
RT Yang-Mills Theory
DEF Yang-Mills field theories describing interactions of color charges.

QUANTUM CRYSTALS
DA February 1975
BT1 Crystals
RT Quantum Mechanics
DEF Crystals with large zero-point motions caused by light mass and a weak interaction of the lattice particles.

QUANTUM ELECTRODYNAMICS [01]
BT1 Electrodynamics
BT1 Quantum Field Theory
BT2 Field Theories
NT1 Schwinger-Tomonaga Formalism
RT Bhabha Scattering
RT Dirac Equation
RT Dirac Operators
RT Equivalent-Photon Approximation
RT Infrared Divergences
RT Joos-Weinberg Equation
RT Moeller Scattering
RT Quantum Chromodynamics
RT Quantum Flavordynamics
RT Self-Energy
RT Ultraviolet Divergences
RT Vacuum Polarization
RT Ward Identity

QUANTUM ELECTRONICS
DA August 1976
UF *Electronics (Quantum)*
RT Lasers
RT Masers
RT Optics
RT Quantum Mechanics
RT Spectroscopy
DEF Unites the classical areas of electronics with those of optics, spectroscopy, and quantum mechanics and is based upon the quantum nature of waves and atomic and molecular systems.

QUANTUM FIELD THEORY [01]
BT1 Field Theories

NT1 Axiomatic Field Theory
NT2 Algebraic Field Theory
NT2 LSZ Theory
NT2 Wightman Field Theory
NT1 Constructive Field Theory
NT1 Lagrangian Field Theory
NT1 PHI4-Field Theory
NT1 Quantum Chromodynamics
NT1 Quantum Electrodynamics
NT2 Schwinger-Tomonaga Formalism
NT1 Quantum Flavordynamics
NT1 Quantum Gravity
NT1 Yukawa Nonlocal Theory
RT Bethe-Salpeter Equation
RT Current Algebra
RT Dispersion Relations
RT Dyson Representation
RT Feynman Diagram
RT Field Algebra
RT Field Operators
RT Fock Representation
RT Gauge Invariance
RT Goldberger-Treiman Relation
RT Haag Theorem
RT Heisenberg Picture
RT Higgs Model
RT Ladder Approximation
RT Lehmann-Kaellen Representation
RT Locality
RT Mass Formulae
RT Massless Particles
RT Melosh Transformation
RT Propagator
RT Quantum Mechanics
RT Quasipotential Equation
RT Radiative Corrections
RT Regge Poles
RT Renormalization
RT S Matrix
RT Scalar Fields
RT Scale Dimension
RT Schroedinger Picture
RT Schwinger Functional Equations
RT Schwinger Source Theory
RT Second Quantization
RT sine-Gordon Equation
RT Spinor Fields
RT Sugawara Theory
RT Supersymmetry
RT Thirring Model
RT Vector Fields
RT Vertex Functions
RT Wick Theorem
RT Yang-Feldman Formalism
RT Yang-Mills Theory
RT Zachariasen Model

QUANTUM FLAVORDYNAMICS
DA May 1979
UF *Flavordynamics*
BT1 Quantum Field Theory
BT2 Field Theories
RT Flavor Model
RT Quantum Chromodynamics
RT Quantum Electrodynamics

QUANTUM FLUIDS
DA May 1979
BT1 Fluids
NT1 Helium II
RT Helium 3
RT Helium 4
RT Quantum Plasma

QUANTUM GRAVITY [01]
DA December 1978
BT1 Quantum Field Theory
BT2 Field Theories
RT General Relativity Theory
RT Gravitation
RT Gravitational Fields
RT Gravitons
RT Supergravity

QUANTUM MECHANICS [01]
BT1 Mechanics
RT Adiabatic Approximation
RT Adiabatic Invariance
RT Angular Momentum
RT Bell Theorem
RT Bloch Theory
RT Born Approximation
RT Canonical Transformations
RT Causality
RT Chirality
RT Commutation Relations
RT D Waves
RT De Broglie Wavelength
RT Density Matrix
RT Diabatic Approximation
RT Dirac Approximation
RT Eigenfunctions
RT Eigenstates
RT Eigenvalues
RT Energy Density
RT Expectation Value
RT F Waves
RT Feynman Path Integral
RT Fierz-Pauli Theory
RT Generator-Coordinate Method
RT Heisenberg Picture
RT Hidden Variables
RT HSK Procedure
RT Hylleraas Coordinates
RT Klein-Gordon Equation
RT Kramers Theorem
RT Levinson Theorem
RT Lippmann-Schwinger Equation
RT Mathematical Operators
RT Occupation Number
RT P Waves
RT Partial Waves
RT Pauli Principle
RT Perturbation Theory
RT Planck Law
RT Proca Equations
RT Projection Operators
RT Quantum Crystals
RT Quantum Electronics
RT Quantum Field Theory
RT Quantum Numbers
RT Racah Coefficients
RT Rarita-Schwinger Theory
RT S Waves
RT Schroedinger Equation
RT Schroedinger Picture
RT Schwinger Variational Method
RT Second Quantization
RT Selection Rules
RT Semiclassical Approximation
RT Seniority Number
RT Sommerfeld-Watson Theory
RT Sum Rules
RT Superselection Rules
RT Tamm-Dancoff Method
RT Twistor Theory
RT Uncertainty Principle
RT Wigner Coefficients
RT Wigner Theory
RT Zitterbewegung

QUANTUM NUMBERS [01]
NT1 Seniority Number
RT Color Model
RT Flavor Model
RT Gell-Mann Theory
RT Multiplicity
RT Parity
RT Particle Properties
RT Quantum Mechanics
RT Spin

QUANTUM OPERATORS [01]
UF *Operators(Quantum Field Theory)*
UF *Operators(Quantum Mechanical)*
BT1 Mathematical Operators
NT1 Angular Momentum Operators
NT2 Orbital Momentum Operators
NT2 Pauli Spin Operators
NT1 Annihilation Operators
NT1 Commutators
NT2 Current Commutators
NT3 Sigma Terms
NT1 Creation Operators
NT1 Dirac Operators
NT1 Field Operators
NT1 Hamiltonians
NT1 Linear Momentum Operators
NT1 Moshinsky Transformation
NT1 Position Operators

QUANTUM PLASMA [01]
BT1 Plasma
RT Quantum Fluids

QUARANTINE [01]
RT Diseases
RT Health Hazards
RT Incubation
RT Latency Period
RT Pest Control
RT Public Health
RT Time Dependence

QUARK-ANTIQUARK INTERACTIONS [01]
DA February 1979
BT1 Particle Interactions
BT2 Interactions

Quark Confinement
DA November 1976
USE Bag Model

QUARK-HADRON INTERACTIONS [01]
DA December 1978
BT1 Particle Interactions
BT2 Interactions
RT CIM Model
RT Exchange Interactions
RT Quark Model

QUARK MODEL [01]
BT1 Composite Models
BT2 Particle Models
BT3 Mathematical Models
NT1 Bag Model
NT1 Color Model
NT1 Flavor Model
NT1 String Models
RT Beauty Particles
RT Charm Particles
RT Exotic Resonances
RT Landau Quasi Particles
RT Quark-Hadron Interactions
RT Quarks

QUARK-QUARK INTERACTIONS
DA February 1979
BT1 Particle Interactions
BT2 Interactions

QUARKS [01]
UF *Aces*
UF *Triplet Particles*
BT1 Postulated Particles
BT2 Elementary Particles
RT Centauro-Type Events
RT Composite Models
RT Grace Particles
RT Melosh Transformation
RT Quark Model
RT Taste Particles

QUARTET MODEL [01]
UF *Four-Nucleon Structure*
BT1 Nuclear Models
BT2 Mathematical Models
RT Cluster Model
RT Nuclear Structure

QUARTZ [01]
BT1 Silicon Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Silicon Compounds
DEF Crystalline silica, an important rock-forming mineral: SiO_2.

QUARTZITES [01]
BT1 Metamorphic Rocks
BT2 Rocks
DEF A quartz rock derived from sandstone.

QUASARS [01]
BT1 Cosmic Radio Sources

NT1 Blue Stellar Objects
RT Radio Galaxies
RT Seyfert Galaxies
RT Stars

QUASI-ELASTIC SCATTERING [01]
BT1 Quasi-Free Reactions
BT2 Direct Reactions
BT3 Nuclear Reactions
BT1 Scattering
RT Elastic Scattering

QUASI-FISSION [01]
DA June 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Compound-Nucleus Reactions
RT Deep Inelastic Heavy Ion Reactions
RT Fission
RT Fusion Reactions
RT Nuclear Fireball Model
RT Precompound-Nucleus Emission

QUASI-FREE REACTIONS [01]
DA January 1975
BT1 Direct Reactions
BT2 Nuclear Reactions
NT1 Quasi-Elastic Scattering
DEF Nuclear reaction similar to quasi-free(or quasi-elastic)scattering, but distinct in that the incident particle undergoes a rearrangement reaction with the struck particle in the nucleus instead of just scattering from it.

QUASI PARTICLES [01]
NT1 Dopplerons
NT1 Excitons
NT1 Focusons
NT1 Instantons
NT1 Landau Quasi Particles
NT1 Magnons
NT1 Merons
NT1 Phonons
NT1 Plasmons
NT1 Polarons
NT1 Rotons
NT1 Solitons
RT Holes
RT Many-Body Problem

QUASILINEAR PROBLEMS [01]
RT Mathematics
RT Nonlinear Problems
RT Perturbation Theory

QUASIPOTENTIAL EQUATION [01]
DA April 1975
BT1 Integral Equations
BT2 Equations
RT Lippmann-Schwinger Equation
RT Quantum Field Theory
RT Scattering Amplitudes

QUATERNARY ALLOY SYSTEMS [01]
BT1 Alloy Systems

QUATERNARY COMPOUNDS [01]
(For quaternary ammonium compounds.)
BT1 Amines
BT2 Organic Compounds
BT1 Ammonium Compounds
NT1 Acetylcholine
NT1 Betaine
NT1 Choline
NT1 Pyridinium Compounds
NT1 TEAB
RT Ammonia

QUATERNARY FISSION [01]
BT1 Fission
BT2 Nuclear Reactions
DEF Fission with emission of two light charged particles.

QUATERNARY PERIOD
DA October 1977
UF *Holocene Epoch*
UF *Pleistocene Epoch*
BT1 Cenozoic Era
BT2 Geologic Ages

QUATERPHENYLS [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

QUEBEC [01]
BT1 Canada
BT2 North America
RT Ottawa River
RT St Lawrence River

QUEEN MARY COLLEGE UTR-B REACTOR [01]
UF *University Training Reactor Queen Mary*
UF *UTR-B Queen Mary College Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

QUEENSLAND [01]
BT1 Australia
BT2 Australasia

QUENCH AGING [01]
BT1 Aging
RT Quenching

QUENCH HARDENING [01]
BT1 Hardening
BT1 Heat Treatments
RT Jominy End-Quench Technique
RT Quenching
RT Splat Cooling

QUENCHING [01]
BT1 Heat Treatments
RT Quench Aging
RT Quench Hardening
RT Superconductivity

Quenching (Avalanche)
DA May 1976
USE Avalanche Quenching

Quenching (Scintillation)
DA June 1975
USE Scintillation Quenching

QUERCETIN [01]
BT1 Flavones
BT2 Flavenoids
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Pyrans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Glycosides

Quercus
USE Oaks

QUEUES
DA October 1975
RT Mathematics

Quezon Philippine Reactor
USE PRR-1 Reactor

QUIESCENT PLASMA [01]
BT1 Plasma

QUINALDINE [01]
UF *2-Methylquinoline*
BT1 Quinolines
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Kynurenic Acid

Quinalizarin
USE Quinizarin

QUINHYDRONE [01]
BT1 Benzoquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
RT Potentiometry

QUININE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Antipyretics
BT2 Drugs

QUINIZARIN [01]
UF *1,4-Dihydroxyanthraquinone*
UF *Quinalizarin*
BT1 Anthraquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Dyes
BT1 Hydroxy Compounds
BT2 Organic Compounds

QUINOLINES [01]
BT1 Pyridines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Ferron
NT1 Kynurenic Acid
NT1 Oxine
NT1 Quinaldine
RT Cinchonine

Quinone
USE Benzoquinones

QUINONES [01]
BT1 Aromatics
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
NT1 Anthraquinones
NT2 Alizarin
NT2 Carminic Acid
NT2 Quinizarin
NT1 Benzoquinones
NT2 Chloranil
NT2 Chloranilic Acid
NT2 Quinhydrone
NT2 Ubiquinone
NT1 Rhodizonic Acid
NT1 Vitamin K
RT Ketones

R (Exposure Unit)
USE Radiation Dose Units

R-A REACTOR [01]
UF *Vinca R-A Reactor Yugoslavia*
UF *Yugoslavia R-A Reactor Vinca*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors

BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

R-3/Adam Reactor
USE Agesta Reactor

R-B REACTOR [01]
UF *Vinca R-B Reactor Yugoslavia*
UF *Yugoslavia R-B Reactor Vinca*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

R CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

R CODES [01]
BT1 Computer Codes

R-F Mass Spectrometers
USE Dynamic Mass Spectrometers

R FACTORS
DA June 1977
RT Heat Flow
RT Thermal Insulation
RT U Values
DEF Measure of thermal resistance value of materials.

R-II Swierk Reactor
USE Swierk R-2 Reactor

R MATRIX [01]
BT1 Matrices
RT Group Theory
RT Multilevel Analysis
RT Nuclear Reactions

R PROCESS [01]
BT1 Star Evolution
RT Capture
RT Nucleosynthesis
RT Stars

R REACTOR [01]
UF *Savannah River Plant R Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Special Production Reactors
BT2 Production Reactors
BT3 Reactors

R-0 REACTOR [01]
UF *Studsvik R-0 Reactor*
UF *Swedish Reactor R-0*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

R-1 REACTOR [01]
UF *Stockholm R-1 Reactor*
UF *Swedish Reactor R-1*
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

R-2 REACTOR [01]
UF *Studsvik R-2 Reactor*
UF *Swedish Reactor R-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

R2-0 REACTOR [01]
UF *Studsvik R2-0 Reactor*
UF *Swedish Reactor R2-0*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

R-1650 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

RA 333
DA August 1979
USE Alloy-RA-333

RA-0 REACTOR [01]
UF *Argentine Reactor RA-0*
UF *Reactor Argentin-0*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RA-1 REACTOR [01]
UF *Argentine Reactor RA-1*
UF *Reactor Argentin-1*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

RA-2 REACTOR [01]
UF *Argentine Reactor RA-2*
UF *Reactor Argentin-2*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RA-3 REACTOR [01]
UF *Argentine Reactor RA-3*
UF *Ezeiza Argentine RA-3 Reactor*
UF *Reactor Argentin-3*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

RA-5 REACTOR [01]
DA April 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

RABBIT TUBES [01]
UF *Shuttles*
BT1 Reaction Product Transport Systems
BT1 Reactor Experimental Facilities
BT2 Reactor Components

RABBITS [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals

RACAH COEFFICIENTS [01]
UF *6J-Symbols*
RT Angular Momentum
RT Clebsch-Gordan Coefficients
RT Group Theory
RT Quantum Mechanics
RT Wigner Coefficients

RACEMATES
DA February 1976
UF *Achiral*
RT Racemization
RT Stereochemistry
DEF 50-50 mixture of dextro and levo isomers;optically inactive.

RACEMIZATION [01]
RT Racemates
RT Stereochemistry

Rachitis
USE Rickets

Racks (Fuel)
DA October 1978
USE Fuel Racks

Rad
USE Radiation Dose Units

Radappertization
DA April 1975

USE Radiosterilization

RADAR [01]
UF *Radiation Detection And Range*
BT1 Range Finders
BT2 Measuring Instruments
NT1 Optical Radar
RT Electrical Equipment
RT Electronic Equipment
RT Frequency Range
RT Radio Equipment
RT Radiowave Radiation

Radial Flow MHD Generators
DA May 1979
USE Disk MHD Generators

RADIAL-OUTFLOW REACTION TURBINES
DA October 1978
UF *RORT*
BT1 Turbines
BT2 Turbomachinery

RADIAL VELOCITY [01]
BT1 Velocity

RADIANT CABLE HEATING
DA September 1977
BT1 Electric Heating
BT2 Heating
RT Space Heating

RADIANT FLUX DENSITY
DA January 1975
UF *Radiant Intensity*
BT1 Flux Density

RADIANT HEAT TRANSFER [01]
BT1 Heat Transfer
BT2 Energy Transfer
RT Emissivity
RT Thermal Radiation

Radiant Intensity
DA January 1975
USE Radiant Flux Density

RADIATION ABSORPTION ANALYSIS [01]
BT1 Nondestructive Analysis
BT2 Chemical Analysis
DEF Analysis based on the determination of the absorption of x-ray, gamma-ray, or other ionizing radiation by the sample.

RADIATION ACCIDENTS [01]
UF+ *Accidental Irradiation*
UF+ *Criticality Accidents*
BT1 Accidents
RT Emergency Plan

RADIATION ATTENUATION TESTING (The use of a radiation source and detector for the detection of internal flaws or defects.)
DA June 1975
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing

RADIATION BELTS [01]
UF *Van Allen Belts*
NT1 Artificial Radiation Belts
RT Charged-Particle Precipitation
RT Electron Precipitation
RT Magnetosphere
RT Proton Precipitation

Radiation Buildup
USE Buildup

Radiation Burden
USE Radiation Doses

RADIATION BURNS [01]
BT1 Burns
BT2 Injuries
BT1 Local Radiation Effects
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT1 Radiation Injuries
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT2 Injuries
RT Radiodermatitis

RADIATION CHEMISTRY [01]
BT1 Chemistry
NT1 Chemical Radiation Effects
NT2 Lyoluminescence
NT2 Radiolysis
NT3 Autoradiolysis
RT G Value
RT Oxonium Ions
RT Photochemistry
RT Positronium Chemistry
RT Radiochemistry
RT Reaction Intermediates
RT Recombination
RT Scavenging
RT Valence

RADIATION CHIMERAS [01]
BT1 Chimeras
BT2 Mosaicism
RT Biological Radiation Effects
RT Spleen Colony Formation

Radiation Curing
DA September 1976
USE Chemical Radiation Effects
AND Cross-Linking

Radiation Damage (Biological)
USE Radiation Injuries

Radiation Damage (Nonbiologic)
USE Radiation Effects

Radiation Decontamination
USE Decontamination

RADIATION DETECTION [01]
UF *Detection (Radiation)*
BT1 Detection
NT1 Charged Particle Detection
NT2 Alpha Detection
NT2 Beta Detection
NT2 Electron Detection
NT2 Ion Detection
NT2 Muon Detection
NT2 Pion Detection
NT2 Positron Detection
NT2 Proton Detection
NT1 Cosmic Ray Detection
NT1 Fission Fragment Detection
NT1 Gamma Detection
NT1 Kaon Detection
NT1 Neutrino Detection
NT1 Neutron Detection
NT1 X-Ray Detection
RT Coincidence Spectrometry
RT Counting Circuits
RT Dosemeters
RT Dosimetry
RT Particle Discrimination
RT Pulse Techniques
RT Radiation Detectors
RT Radiation Monitoring
RT Radiations
RT Spectrometers
RT Spectroscopy

Radiation Detection And Range
USE Radar

RADIATION DETECTORS [01]
UF *Counters (Radiation)*
UF *Detectors (Radiation)*
BT1 Measuring Instruments
NT1 Chemical Radiation Detectors
NT1 Cherenkov Counters
NT1 Compton Diode Detectors
NT1 Corona Counters
NT1 Crystal Counters
NT2 Filament Crystal Counters
NT1 Dielectric Track Detectors
NT1 Directional Radiation Detectors
NT1 Electron Multiplier Detectors
NT1 Emanometers
NT1 Flow Counters
NT1 Gas Track Detectors
NT2 Bubble Chambers
NT3 Cryogenic Bubble Chambers
NT3 Heavy Liquid Bubble Chambers
NT3 Ultrasonic Bubble Chambers
NT2 Cloud Chambers
NT3 Diffusion Chambers
NT3 Expansion Chambers
NT2 Spark Chambers
NT3 Filmless Spark Chambers
NT4 Sonic Spark Chambers
NT4 Wire Spark Chambers
NT3 Projection Spark Chambers
NT3 Streamer Spark Chambers
NT3 Wide Gap Spark Chambers
NT1 Geiger-Mueller Counters
NT1 Gravitational Wave Detectors
NT1 Ionization Chambers
NT2 Boron Coated Ion Chambers
NT2 Bragg Gray Chambers
NT2 Condenser Ionization Chambers
NT2 Extrapolation Chambers
NT2 Fission Chambers
NT2 Liquid Ionization Chambers
NT2 Multiwire Ionization Chambers
NT2 Wall-Less Counters
NT1 Low Level Counters
NT1 Neutron Detectors
NT2 Activation Detectors
NT2 BF3 Counters
NT2 Boron Coated Ion Chambers
NT2 Boron Lined Counters
NT2 Fission Chambers
NT2 Fission Foil Detectors
NT2 Fission Thermocouple Detectors
NT2 He-3 Counters
NT2 Moderating Detectors
NT3 Bonner Sphere Detectors
NT3 Long Counters
NT2 Proton Recoil Detectors
NT2 Self-Powered Neutron Detectors
NT2 Threshold Detectors
NT1 Photographic Film Detectors
NT1 Position Sensitive Detectors
NT1 Proportional Counters
NT2 BF3 Counters
NT2 Boron Lined Counters
NT2 He-3 Counters
NT2 Liquid Proportional Counters
NT2 Multiwire Proportional Chambers
NT3 Drift Chambers
NT2 Needle Chambers
NT2 Wall-Less Counters
NT1 Radiometers
NT1 Scintillation Counters
NT2 Gas Scintillation Detectors
NT2 Liquid Scintillation Detectors
NT2 Scintillator-Photodiode Detectors
NT2 Solid Scintillation Detectors
NT3 NaI Detectors
NT3 Plastic Scintillation Detectors
NT1 Secondary Emission Detectors
NT1 Self-Powered Detectors
NT2 Self-Powered Gamma Detectors
NT2 Self-Powered Neutron Detectors
NT1 Semiconductor Detectors
NT2 Bulk Semiconductor Detectors
NT2 CDTE Semiconductor Detectors
NT2 Ge Semiconductor Detectors
NT3 High-Purity GE Detectors
NT3 Li-Drifted Ge Detectors
NT2 HGI2 Semiconductor Detectors
NT2 Junction Detectors
NT3 Li-Drifted Junction Detectors
NT2 Li-Drifted Detectors
NT3 Li-Drifted Ge Detectors
NT3 Li-Drifted Junction Detectors
NT3 Li-Drifted Si Detectors
NT2 Si Semiconductor Detectors
NT3 Li-Drifted Si Detectors
NT2 Surface Barrier Detectors
NT1 Shower Counters
NT1 Spark Counters
NT1 Superconducting Colloid Detectors

NT1 Time Projection Chambers
NT1 Tissue-Equivalent Detectors
NT1 Transition Radiation Detectors
NT1 Whole-Body Counters
RT Charged Particle Detection
RT Cosmic Ray Detection
RT Counting Circuits
RT Counting Techniques
RT Dosemeters
RT Fission Fragment Detection
RT Gamma Detection
RT Neutron Detection
RT Polarimeters
RT Pulse Techniques
RT Radiation Detection
RT Radiation Monitors
RT Radioisotope Scanners
RT Scalers
RT Spectrometers
RT Telescope Counters

RADIATION DOSE DISTRIBUTIONS [01]
UF *Dose Distributions*
NT1 Spatial Dose Distributions
NT2 Depth Dose Distributions
NT1 Temporal Dose Distributions
RT Dose-Response Relationships
RT Irradiation
RT Isodose Curves
RT Radiation Doses

RADIATION DOSE UNITS [01]
(For studies concerning units, concepts or definitions.)
UF *R (Exposure Unit)*
UF *Rad*
UF *Roentgen (Exposure Unit)*
UF+ *Rem*
UF+ *Roentgen Equivalent Man*
NT1 Sievert Unit
RT Dosimetry
RT ICRU
RT Radiation Doses

Radiation Dosemeters
USE Dosemeters

RADIATION DOSES [01]
UF *Absorbed Doses*
UF *Exposure (Radiation Doses)*
UF *Radiation Burden*
UF *Radiation Exposure (Doses)*
BT1 Doses
NT1 Genetically Significant Dose
NT1 Integral Doses
NT1 Lethal Radiation Dose
NT1 Threshold Dose
RT Biological Indicators
RT Biological Radiation Effects
RT Biophysics
RT Buildup
RT Cumulative Radiation Effects
RT Dose Commitments
RT Dose Equivalents
RT Dose Limits
RT Dose Rates
RT Dose-Response Relationships
RT Dosemeters
RT Dosimetry
RT Energy Absorption
RT Fractionated Irradiation
RT ICRP Critical Group
RT Irradiation
RT Kerma
RT Lethal Irradiation
RT Low Dose Irradiation
RT Maximum Permissible Dose
RT Maximum Permissible Exposure
RT Medical Surveillance
RT Personnel Monitoring
RT Radiation Dose Distributions
RT Radiation Dose Units
RT Radiation Effects
RT Radiations
RT Sublethal Irradiation
RT Supralethal Irradiation

Radiation Dosimetry
USE Dosimetry

RADIATION EFFECTS [01]
UF *Radiation Damage (Nonbiologic)*
NT1 Biological Radiation Effects
NT2 Abscopal Radiation Effects
NT2 Delayed Radiation Effects
NT2 Early Radiation Effects
NT2 Genetic Radiation Effects
NT2 Local Radiation Effects
NT3 Osteoradionecrosis
NT3 Radiation Burns
NT3 Radiodermatitis
NT2 Radiation Injuries
NT3 Osteoradionecrosis
NT3 Radiation Burns
NT3 Radiodermatitis
NT1 Chemical Radiation Effects
NT2 Lyoluminescence
NT2 Radiolysis
NT3 Autoradiolysis
NT1 Physical Radiation Effects
NT2 Radiation Hardening
RT Biological Localization
RT Biophysics
RT Comparative Evaluations
RT Crystal Defects
RT Damage
RT Dose Rates
RT Dose-Response Relationships
RT Energy Losses
RT Irradiation
RT Photoacoustic Effect
RT Radiation Doses
RT Radiation Quality
RT Radiations
RT Radiobiology
RT Radiosensitivity
RT RBE
RT Recoils
RT Response Modifying Factors
RT Self-Irradiation
RT Strand Breaks
RT Thermal Spikes
RT Varley Mechanism
RT Wigner Effect

Radiation Effects Reactor Lockheed
USE RER Reactor

Radiation Exposure (Doses)
USE Radiation Doses

RADIATION FLUX [01]
UF *Flux (Radiation)*
NT1 Cosmic Ray Flux
NT1 Neutron Flux
NT2 Adjoint Flux
RT Flux Density
RT Point Kernels
RT Poynting Theorem

RADIATION HARDENING [01]
BT1 Hardening
BT1 Physical Radiation Effects
BT2 Radiation Effects

Radiation Hardening (Chemical)
USE Chemical Radiation Effects
AND Polymerization

RADIATION HAZARDS [01]
BT1 Health Hazards
BT2 Hazards
RT Fallout
RT Fuel Element Failure
RT Genetically Significant Dose
RT Hot Labs
RT ICRP Critical Group
RT Irradiation
RT Radiation Protection
RT Radioactive Wastes
RT Release Limits
RT UNSCEAR

RADIATION HEATING [01]
DA April 1975
UF *Gamma Heating*
UF *Neutron Heating*
BT1 Heating
DEF Compotent or materials heating by incident nuclear radiation.

Radiation Hygiene
USE Radiation Protection

RADIATION INJURIES [01]
(For damage to molecules of biological significance use CHEMICAL RADIATION EFFECTS or STRAND BREAKS.)
UF *Radiation Damage (Biological)*
UF+ *Delayed Radiation Injuries*
UF+ *Early Radiation Injuries*
BT1 Biological Radiation Effects
BT2 Biological Effects
BT2 Radiation Effects
BT1 Injuries
NT1 Osteoradionecrosis
NT1 Radiation Burns
NT1 Radiodermatitis
RT Biological Indicators
RT Biological Repair
RT Host-Cell Reactivation
RT Photoreactivation
RT Radiation Syndrome
RT Radiobiology
RT Radioinduction

RADIATION LENGTH [01]
DA June 1975
RT Bremsstrahlung
RT Charged Particle Detection
RT Energy Losses
RT Thickness

Radiation Logging
DA June 1976
USE Radioactivity Logging

RADIATION MONITORING [01]
UF *Control (Radioactivity)*
UF *Monitoring (Radiation)*
UF *Surveillance (Radioactivity)*
UF *Survey (Radioactivity)*
BT1 Monitoring
NT1 Personnel Monitoring
RT Aerial Monitoring
RT Aerosol Monitoring
RT Alarm Systems
RT Controlled Areas
RT Dosemeters
RT Dosimetry
RT Exposure Ratemeters
RT Inspection
RT Radiation Detection
RT Radiation Protection
RT Radioactivity

RADIATION MONITORS [01]
UF *Alarm Dosemeters*
BT1 Measuring Instruments
NT1 Exposure Ratemeters
NT1 Liquid Contamination Monitors
NT1 Neutron Monitors
NT1 Surface Contamination Monitors
NT1 Survey Monitors
RT Alarm Systems
RT Dosemeters
RT Radiation Detectors
RT Radioactivity

RADIATION PRESSURE [01]
UF *Pressure (Radiation)*
RT Electromagnetic Radiation
RT Solar Wind

RADIATION PROTECTION [01]
UF *Health Physics*
UF *Nuclear Safety*
UF *Protection (Radiation)*
UF *Radiation Hygiene*
UF *Radiation Safety*
UF *Radiological Protection*
UF *Safety (Nuclear)*
RT Accidents
RT Biological Shielding
RT Biophysics
RT Civil Defense
RT Containment
RT Controlled Areas
RT Decontamination
RT Distance

RT Dosimetry
RT Environment
RT External Irradiation
RT Fallout
RT Fallout Shelters
RT Federal Radiation Council
RT Gloveboxes
RT Gloves
RT Half-Thickness
RT Health Hazards
RT Hot Cells
RT Hot Labs
RT ICRP
RT Image Intensifiers
RT Industrial Medicine
RT Inspection
RT Legal Aspects
RT Licensing
RT Preventive Medicine
RT Protective Clothing
RT Public Health
RT Radiation Hazards
RT Radiation Monitoring
RT Radiation Quality
RT Radiation Sources
RT Radioprotective Substances
RT Reactor Safety
RT Recommendations
RT Reference Man
RT Regulations
RT Reliability
RT Remote Handling
RT Respirators
RT Safety
RT Safety Showers
RT Safety Standards
RT Shelters
RT Shielding
RT Shielding Materials
RT Shields
RT Space Flight
RT Television
RT Whole-Body Counting
RT Working Conditions

Radiation Protection Guides
USE Recommendations

RADIATION PROTECTION LAWS
DA November 1976
BT1 Laws

RADIATION QUALITY [01]
(For comparative studies on different types of radiation.)
RT Energy Losses
RT Half-Thickness
RT Ionization
RT LET
RT Quality Factor
RT Radiation Effects
RT Radiation Protection
RT Radiations
RT RBE

Radiation Safety
USE Radiation Protection

RADIATION SCATTERING ANALYSIS [01]
BT1 Nondestructive Analysis
BT2 Chemical Analysis
RT Ion Scattering Analysis
RT Radiometric Analysis
RT Scattering

RADIATION SOURCE IMPLANTS [01]
UF *Implanted Sources*
BT1 Implants
BT1 Radiation Sources
RT Internal Irradiation
RT Irradiation Capsules
RT Radiotherapy

RADIATION SOURCES [01]
(For cosmic sources of radiation see also COSMIC GAMMA SOURCES, COSMIC RADIO SOURCES, and COSMIC X-RAY SOURCES.)
UF *Applicators (Radiotherapy)*
UF *Radioapplicators*
NT1 Gamma Sources
NT1 Light Sources
NT1 Particle Sources
NT2 Alpha Sources
NT2 Beta Sources
NT2 Deuteron Sources
NT2 Electron Sources
NT3 Pierce Electron Guns
NT2 Neutron Sources
NT3 ING Linac
NT3 Nisus Facility
NT2 Positron Sources
NT2 Proton Sources
NT1 Point Sources
NT2 Point Pollutant Sources
NT1 Portable Sources
NT1 Radiation Source Implants
NT1 Sealed Sources
NT1 Synchrotron Radiation Sources
NT2 NSLS
NT1 Unsealed Sources
NT1 X-Ray Sources
RT Containers
RT Irradiation
RT Irradiation Devices
RT Irradiation Plants
RT Lasers
RT Masers
RT Radiation Protection
RT Radiations
RT Radioactivity
RT Radioisotopes

RADIATION STREAMING [01]
UF *Streaming (Radiation)*
RT Radiations

RADIATION SYNDROME [01]
RT Acute Irradiation
RT Autonomic Nervous System
RT Behavior
RT Bone Marrow
RT Central Nervous System
RT Chronic Irradiation
RT Delayed Radiation Effects
RT Gastrointestinal Tract
RT Latency Period
RT Lymphatic System
RT Lymphocytes
RT Muscles
RT Radiation Injuries

RADIATION TRANSPORT [01]
UF *Transport (Radiation)*
NT1 Charged-Particle Transport
NT2 Proton Transport
NT1 Neutral-Particle Transport
NT2 Atom Transport
NT2 Neutron Transport
NT2 Photon Transport
RT Transport Theory

RADIATIONLESS DECAY [01]
BT1 De-Excitation
BT2 Energy-Level Transitions
BT1 Energy Transfer
RT Fluorescence
DEF Emissionless transfer of excited-state energy from one quantum system to another, e.g. between atoms in gas mixtures.

RADIATIONS [01]
NT1 Background Radiation
NT1 Delta Rays
NT1 Electromagnetic Radiation
NT2 Auroral Hiss
NT2 Blackbody Radiation
NT2 Bremsstrahlung
NT3 Cyclotron Radiation
NT3 Internal Bremsstrahlung
NT3 Ondulator Radiation
NT3 Synchrotron Radiation
NT2 Cherenkov Radiation
NT2 Coherent Radiation
NT2 Electromagnetic Pulses
NT3 Internal Electromagnetic Pulses
NT2 Gamma Radiation
NT3 Delayed Gamma Radiation
NT3 Prompt Gamma Radiation
NT2 Helicon Waves
NT2 Infrared Radiation
NT3 Far Infrared Radiation
NT3 Intermediate Infrared Radiation
NT3 Near Infrared Radiation
NT2 Laser Radiation
NT2 Microwave Radiation
NT2 Monochromatic Radiation
NT2 Multipole Radiation
NT2 Radiowave Radiation
NT3 Long Wave Radiation
NT3 Luxemburg Effect
NT3 Medium Wave Radiation
NT3 Radio Noise
NT4 Atmospherics
NT4 Whistlers
NT3 Radioecho
NT3 Short Wave Radiation
NT3 Solar Radio Bursts
NT3 Solar Radiowave Radiation
NT2 Thermal Radiation
NT2 Transition Radiation
NT2 Ultralow Frequency Radiation
NT2 Ultraviolet Radiation
NT3 Extreme Ultraviolet Radiation
NT3 Far Ultraviolet Radiation
NT3 Near Ultraviolet Radiation
NT2 Visible Radiation
NT2 X Radiation
NT3 Hard X Radiation
NT3 Soft X Radiation
NT2 Zodiacal Light
NT1 Gravitational Radiation
NT2 Gravitons
NT1 Ionizing Radiations
NT2 Cosmic Radiation
NT3 Cosmic Electrons
NT3 Cosmic Kaons
NT3 Cosmic Muons
NT3 Cosmic Neutrinos
NT3 Cosmic Neutrons
NT3 Cosmic Nuclei
NT3 Cosmic Photons
NT3 Cosmic Pions
NT3 Cosmic Positrons
NT3 Cosmic Protons
NT3 Hard Component
NT3 Primary Cosmic Radiation
NT4 Cosmic Gamma Bursts
NT3 Secondary Cosmic Radiation
NT4 Cosmic Showers
NT5 Extensive Air Showers
NT3 Soft Component
NT2 Gamma Radiation
NT3 Delayed Gamma Radiation
NT3 Prompt Gamma Radiation
NT2 X Radiation
NT3 Hard X Radiation
NT3 Soft X Radiation
NT1 Solar Radiation
NT2 Solar Neutrinos
NT2 Solar Particles
NT3 Solar Alpha Particles
NT3 Solar Electrons
NT3 Solar Neutrons
NT3 Solar Protons
NT2 Solar Radiowave Radiation
RT Absorption
RT Biophysics
RT Buildup
RT Dosimetry
RT Irradiation
RT Radiation Detection
RT Radiation Doses
RT Radiation Effects
RT Radiation Quality
RT Radiation Sources
RT Radiation Streaming
RT Stray Radiation

Radiative Capture
USE Capture

RADIATIVE COOLING [01]
DA October 1975
BT1 Cooling

RT Air Conditioning
RT Solar Air Conditioning

RADIATIVE CORRECTIONS [01]
BT1 Corrections
RT Electromagnetic Interactions
RT PHI4-Field Theory
RT Quantum Field Theory

RADIATIVE DECAY
DA May 1978
BT1 Electromagnetic Particle Decay
BT2 Particle Decay
BT3 Decay
BT1 Weak Particle Decay
BT2 Particle Decay
BT3 Decay
DEF Weak or electromagnetic decay involving photons.

RADIATOR COUNTERS [01]
RT Activation Detectors
RT Nuclear Emulsions
RT Proton Recoil Detectors
RT Semiconductor Detectors

RADIATORS [01]
(Limited to heat radiators.)
BT1 Heat Exchangers

RADICALS [01]
(Not to be used for compound descriptions.)
UF *Free Radicals*
NT1 Acyl Radicals
NT2 Acetyl Radicals
NT2 Butyryl Radicals
NT2 Formyl Radicals
NT1 Alkoxy Radicals
NT2 Butoxy Radicals
NT2 Ethoxy Radicals
NT2 Methoxy Radicals
NT1 Alkyl Radicals
NT2 Allyl Radicals
NT2 Butyl Radicals
NT2 Dodecyl Radicals
NT2 Ethyl Radicals
NT2 Heptyl Radicals
NT2 Hexyl Radicals
NT2 Isobutyl Radicals
NT2 Isopropyl Radicals
NT2 Methyl Radicals
NT2 Nonyl Radicals
NT2 Octyl Radicals
NT2 Pentyl Radicals
NT2 Propargyl Radicals
NT2 Propyl Radicals
NT2 Tridecyl Radicals
NT2 Vinyl Radicals
NT1 Aryl Radicals
NT2 Anisyl Radicals
NT2 Benzyl Radicals
NT2 Mesityl Radicals
NT2 Naphthyl Radicals
NT2 Phenethyl Radicals
NT2 Phenyl Radicals
NT2 Tolyl Radicals
NT1 Benzoyl Radicals
NT1 Carbenes
NT1 Carbonyl Radicals
NT1 DPPH
NT1 Hydronium Radicals
NT1 Hydroperoxy Radicals
NT1 Hydroxyl Radicals
NT1 Methylene Radicals
NT1 Peroxy Radicals
NT1 Phenoxy Radicals
NT1 Phenylene Radicals
NT1 Picryl Radicals
NT1 Pyridyl Radicals
NT1 SDPPH
NT1 Sulfhydryl Radicals
NT1 Superoxide Radicals
NT1 Thiyl Radicals
NT1 Vinylidene Radicals
RT Reaction Intermediates
RT Scavenging

Radicidation
DA May 1975
USE Radiopasteurization

RADIO EQUIPMENT
DA December 1976
UF *Radio Receivers*
UF *Radio Transmitters*
BT1 Electronic Equipment
NT1 Heterodyne Receivers
NT1 Ionosondes
NT1 Radio Telescopes
RT Antennas
RT Communications
RT Microwave Equipment
RT Radar
RT Radio Equipment Power Supplies
RT Radiowave Radiation
RT RF Systems
RT Television

RADIO EQUIPMENT POWER SUPPLIES
DA January 1975
BT1 Power Supplies
BT2 Electronic Equipment
RT Radio Equipment

RADIO GALAXIES [01]
BT1 Cosmic Radio Sources
BT1 Galaxies
RT Quasars

RADIO NOISE [01]
UF *Cosmic Noise*
BT1 Noise
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
NT1 Atmospherics
NT1 Whistlers
RT Background Noise
RT Interference

Radio Receivers
DA December 1976
USE Radio Equipment

RADIO-RELEASE ANALYSIS [01]
BT1 Quantitative Chemical Analysis
BT2 Chemical Analysis
RT Gas Analysis
RT Tracer Techniques
DEF Substance to be measured reacts chemically with a converter substance to release a radioactive material.

RADIO TELESCOPES [01]
BT1 Antennas
BT2 Electrical Equipment
BT3 Equipment
BT1 Radio Equipment
BT2 Electronic Equipment
BT1 Telescopes
RT Interferometers

Radio Transmitters
DA December 1976
USE Radio Equipment

RADIOACTIVATION [01]
UF *Activation (Radio)*
RT Activation Analysis
RT Labelling
RT Neutron Capture Therapy
RT Neutron Sources

RADIOACTIVE AEROSOLS [01]
UF+ *Radioactive Particulates*
BT1 Aerosols
BT2 Sols
BT3 Colloids
BT4 Dispersions
RT Aerosol Monitoring
RT Fallout
RT Particle Resuspension
RT Radioactive Clouds

Radioactive Biological Wastes
USE Biological Wastes
AND Radioactive Wastes

RADIOACTIVE CLOUDS [01]
UF *Atomic Clouds*
BT1 Clouds
RT Accidents
RT Aerial Monitoring
RT Aerosols
RT Air
RT Earth Atmosphere
RT External Irradiation
RT Fallout
RT Nuclear Explosions
RT Radioactive Aerosols
RT Radioactivity
RT Stacks
RT Washout
RT Wind

RADIOACTIVE EFFLUENTS [01]
DA May 1975
UF *Effluents (Radioactive)*
BT1 Radioactive Wastes
BT2 Radioactive Materials
BT2 Wastes
RT Chemical Effluents
RT Gaseous Wastes
RT Liquid Wastes
RT Particle Resuspension
RT Radioactive Waste Disposal
RT Stack Disposal

Radioactive Gaseous Wastes
USE Gaseous Wastes
AND Radioactive Wastes

RADIOACTIVE IONIZATION GAGES [01]
BT1 Ionization Gages
BT2 Vacuum Gages
BT3 Pressure Gages
BT4 Measuring Instruments

RADIOACTIVE MATERIALS [01]
NT1 Fission Products
NT1 Radioactive Minerals
NT2 Baddeleyite
NT2 Cordylite
NT2 Corvusite
NT2 Fersmite
NT2 Florencite
NT2 Kainosite
NT2 Melanovanadite
NT2 Pascoite
NT2 Rutile
NT2 Thorium Minerals
NT3 Aeschynite
NT3 Allanite
NT4 Orthite
NT3 Bastnaesite
NT3 Brannerite
NT3 Cerianite
NT3 Ekanite
NT3 Freyalite
NT3 Huttonite
NT3 Hydrothorite
NT3 Lodochnikite
NT3 Lyndochite
NT3 Mackintoshite
NT3 Maitlandite
NT3 Monazites
NT3 Naegite
NT3 Thorianite
NT3 Thorite
NT4 Jiningite
NT3 Thorogummite
NT3 Thucholite
NT3 Uranothorianite
NT3 Uranothorite
NT3 Yttrialite
NT2 Uranium Minerals
NT3 Andersonite
NT3 Autunite
NT3 Bassetite
NT3 Bayleyite
NT3 Becquerelite
NT3 Billietite
NT3 Boltwoodite
NT3 Brannerite
NT3 Carburan
NT3 Carnotite
NT3 Clarkeite
NT3 Coffinite

NT3 Compreignacite
NT3 Cuprosklodowskite
NT3 Curite
NT3 Cyrtolite
NT3 Davidite
NT3 Demesmaekerite
NT3 Dewindtite
NT3 Diderichite
NT3 Djalmaite
NT3 Dumontite
NT3 Ekanite
NT3 Ellsworthite
NT3 Euxenite
NT3 Ferghanite
NT3 Fourmarierite
NT3 Francevillite
NT3 Gastunite
NT3 Guilleminite
NT3 Gummite
NT3 Haiweeite
NT3 Hallimondite
NT3 Hatchettolite
NT3 Heinrichite
NT3 Ianthinite
NT3 Iriginite
NT3 Ishikawaite
NT3 Johannite
NT3 Kahlerite
NT3 Kirchheimerite
NT3 Lermontovite
NT3 Liebigite
NT3 Lodochnikite
NT3 Mackintoshite
NT3 Masuyite
NT3 Moctezumite
NT3 Moluranite
NT3 Montroseite
NT3 Naegite
NT3 Natroautunite
NT3 Ningyoite
NT3 Novacekite
NT3 Para-Schoepite
NT3 Parsonsite
NT3 Phosphuranylite
NT3 Ranquilite
NT3 Rauvite
NT3 Rutherfordite
NT3 Sabugalite
NT3 Saleeite
NT3 Schoepite
NT3 Schroeckingerite
NT3 Sengierite
NT3 Sharpite
NT3 Sklodowskite
NT3 Soddyite
NT3 Strelkinite
NT3 Thorianite
NT3 Thucholite
NT3 Torbernite
NT3 Tyuyamunite
NT3 Umohoite
NT3 Uraninites
NT4 Broeggerite
NT4 Pitchblende
NT3 Uranium Black
NT3 Uranocircite
NT3 Uranophane
NT3 Uranopilite
NT3 Uranothorianite
NT3 Uranothorite
NT3 Uranotile
NT3 Zeunerite
NT3 Zippeite
NT1 Radioactive Wastes
NT2 Alpha-Bearing Wastes
NT2 High-Level Radioactive Wastes
NT2 Intermediate-Level Radioactive Wastes
NT2 Low-Level Radioactive Wastes
NT2 Radioactive Effluents
NT1 Radiopharmaceuticals
RT Radioactivity
RT Radioisotopes

RADIOACTIVE MINERALS [01]
BT1 Minerals
BT1 Radioactive Materials
NT1 Baddeleyite
NT1 Cordylite
NT1 Corvusite
NT1 Fersmite
NT1 Florencite
NT1 Kainosite
NT1 Melanovanadite
NT1 Pascoite
NT1 Rutile
NT1 Thorium Minerals
NT2 Aeschynite
NT2 Allanite
NT3 Orthite
NT2 Bastnaesite
NT2 Brannerite
NT2 Cerianite
NT2 Ekanite
NT2 Freyalite
NT2 Huttonite
NT2 Hydrothorite
NT2 Lodochnikite
NT2 Lyndochite
NT2 Mackintoshite
NT2 Maitlandite
NT2 Monazites
NT2 Naegite
NT2 Thorianite
NT2 Thorite
NT3 Jiningite
NT2 Thorogummite
NT2 Thucholite
NT2 Uranothorianite
NT2 Uranothorite
NT2 Yttrialite
NT1 Uranium Minerals
NT2 Andersonite
NT2 Autunite
NT2 Bassetite
NT2 Bayleyite
NT2 Becquerelite
NT2 Billietite
NT2 Boltwoodite
NT2 Brannerite
NT2 Carburan
NT2 Carnotite
NT2 Clarkeite
NT2 Coffinite
NT2 Compreignacite
NT2 Cuprosklodowskite
NT2 Curite
NT2 Cyrtolite
NT2 Davidite
NT2 Demesmaekerite
NT2 Dewindtite
NT2 Diderichite
NT2 Djalmaite
NT2 Dumontite
NT2 Ekanite
NT2 Ellsworthite
NT2 Euxenite
NT2 Ferghanite
NT2 Fourmarierite
NT2 Francevillite
NT2 Gastunite
NT2 Guilleminite
NT2 Gummite
NT2 Haiweeite
NT2 Hallimondite
NT2 Hatchettolite
NT2 Heinrichite
NT2 Ianthinite
NT2 Iriginite
NT2 Ishikawaite
NT2 Johannite
NT2 Kahlerite
NT2 Kirchheimerite
NT2 Lermontovite
NT2 Liebigite
NT2 Lodochnikite
NT2 Mackintoshite
NT2 Masuyite
NT2 Moctezumite
NT2 Moluranite
NT2 Montroseite
NT2 Naegite
NT2 Natroautunite
NT2 Ningyoite
NT2 Novacekite
NT2 Para-Schoepite
NT2 Parsonsite
NT2 Phosphuranylite
NT2 Ranquilite
NT2 Rauvite
NT2 Rutherfordite
NT2 Sabugalite
NT2 Saleeite
NT2 Schoepite
NT2 Schroeckingerite
NT2 Sengierite
NT2 Sharpite
NT2 Sklodowskite
NT2 Soddyite
NT2 Strelkinite
NT2 Thorianite
NT2 Thucholite
NT2 Torbernite
NT2 Tyuyamunite
NT2 Umohoite
NT2 Uraninites
NT3 Broeggerite
NT3 Pitchblende
NT2 Uranium Black
NT2 Uranocircite
NT2 Uranophane
NT2 Uranopilite
NT2 Uranothorianite
NT2 Uranothorite
NT2 Uranotile
NT2 Zeunerite
NT2 Zippeite

Radioactive Particulates
USE Particles
AND Radioactive Aerosols

RADIOACTIVE TRACER LOGGING [01]
DA June 1976
BT1 Radioactivity Logging
BT2 Well Logging
BT1 Tracer Techniques
BT2 Isotope Applications
DEF Well logging using radioactive tracers for measuring fluid movement and for obtaining source and sink information.

RADIOACTIVE WASTE DISPOSAL [01]
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT Actinide Burner Reactors
RT Fuel Cycle Centers
RT Ground Release
RT Marine Disposal
RT Radioactive Effluents
RT Radioactive Waste Facilities
RT Salt Deposits
RT Shaft Excavations
RT Stack Disposal
RT Underground Disposal

RADIOACTIVE WASTE FACILITIES [01]
BT1 Nuclear Facilities
RT Fuel Cycle Centers
RT Fuel Reprocessing Plants
RT Radioactive Waste Disposal
RT Radioactive Waste Processing

RADIOACTIVE WASTE MANAGEMENT
DA February 1975
BT1 Waste Management
BT2 Management
RT Retrieval Systems
RT Risk Assessment

RADIOACTIVE WASTE PROCESSING [01]
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
NT1 Harvest Process
NT1 Iodox Process
RT Encapsulation
RT Fuel Cycle Centers

RT Radioactive Waste Facilities

RADIOACTIVE WASTE STORAGE [01]
BT1 Waste Storage
BT2 Storage
BT2 Waste Management
BT3 Management
RT Fuel Cycle Centers
RT Harvest Process

RADIOACTIVE WASTES [01]
UF *Residues (Radioactive)*
UF+ *Radioactive Biological Wastes*
UF+ *Radioactive Gaseous Wastes*
BT1 Radioactive Materials
BT1 Wastes
NT1 Alpha-Bearing Wastes
NT1 High-Level Radioactive Wastes
NT1 Intermediate-Level Radioactive Wastes
NT1 Low-Level Radioactive Wastes
NT1 Radioactive Effluents
RT Contamination
RT Fission Products
RT Fissionable Materials
RT Ground Disposal
RT Mill Tailings
RT Nuclear Materials Management
RT Radiation Hazards
RT Radiocolloids
RT Release Limits
RT Salt Vault Project
RT Spent Fuels
RT Waste Disposal
RT Waste Management
RT Waste Processing

RADIOACTIVITY [01]
(For measured values of radioactivity and for unidentified radiation sources; not for experimental studies.)
UF *Concentrations (Radionuclides)*
UF *Induced Radioactivity*
UF *Radionuclide Concentration*
NT1 Activity Levels
NT1 Natural Radioactivity
RT Body Burden
RT Contamination
RT Hot Labs
RT Maximum Inhalation Quantity
RT Maximum Permissible Activity
RT Maximum Permissible Body Burden
RT Maximum Permissible Intake
RT Maximum Permissible Level
RT Personnel Monitoring
RT Radiation Monitoring
RT Radiation Monitors
RT Radiation Sources
RT Radioactive Clouds
RT Radioactive Materials
RT Radioecological Concentration
RT Radioisotopes
RT Radiometric Analysis
RT Radionuclide Kinetics
RT Surface Contamination
RT Whole-Body Counting

RADIOACTIVITY LOGGING [01]
DA June 1976
UF *Nuclear Log*
UF *Radiation Logging*
BT1 Well Logging
NT1 Gamma-Gamma Logging
NT1 Gamma Logging
NT1 Neutron Logging
NT2 Neutron-Gamma Logging
NT2 Neutron-Neutron Logging
NT1 Radioactive Tracer Logging
NT1 Radiometric Surveys
NT1 X-Ray Fluorescence Logging
DEF Well logging using nuclear radiation in some way.

RADIOACTIVITY TRANSPORT [01]
DA August 1976
UF *Activity Transport*
RT Contamination
DEF The processes by which radioactive materials move and become deposited throughout a reactor or reprocessing plant system.

Radioapplicators
USE Radiation Sources

RADIOASSAY [01]
NT1 Radioimmunoassay
RT Bioassay
RT CPB

RADIOASTRONOMY [01]
BT1 Astronomy
RT Cosmic Radio Sources
RT GHz Range
RT MHz Range
RT Solar Radio Bursts

Radioautography
USE Autoradiography

Radiobiological Effects
USE Biological Radiation Effects

RADIOBIOLOGY [01]
BT1 Biology
RT Biological Radiation Effects
RT Biophysics
RT Molecular Biology
RT Radiation Effects
RT Radiation Injuries
RT Radioinduction
RT Radiosensitivity

Radiocarbon Dating
USE Carbon 14
AND Isotope Dating

RADIOCARDIOGRAPHY [01]
DA June 1975
BT1 Cardiography
BT2 Diagnostic Techniques

RADIOCHEMICAL ANALYSIS
DA February 1975
BT1 Chemical Analysis
RT Qualitative Chemical Analysis
RT Quantitative Chemical Analysis

Radiochemical Laboratories
USE Hot Labs

RADIOCHEMISTRY [01]
BT1 Chemistry
NT1 Hot Atom Chemistry
NT2 Szilard-Chalmers Reaction
RT Emanation Method
RT Radiation Chemistry

RADIOCHROMATOGRAPHY [01]
BT1 Chromatography
BT2 Separation Processes

RADIOCOLLOIDS [01]
BT1 Colloids
BT2 Dispersions
NT1 Thorotrast
RT Gold 198
RT Isotope Applications
RT Radioactive Wastes

Radiocrystallography
USE Crystallography

RADIODERMATITIS [01]
BT1 Dermatitis
BT2 Skin Diseases
BT3 Diseases
BT1 Local Radiation Effects
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT1 Radiation Injuries
BT2 Biological Radiation Effects
BT3 Biological Effects
BT3 Radiation Effects
BT2 Injuries
RT Radiation Burns

Radiodiagnosis (Radionuclides)
USE Diagnosis
AND Nuclear Medicine

RADIODISINFESTATION
DA January 1975
BT1 Disinfestation
RT Grain Disinfestation
RT Insects

RADIOECHO [01]
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

RADIOECOLOGICAL CONCENTRATION [01]
UF *Accumulation (Radioecological)*
BT1 Ecological Concentration
RT Biological Localization
RT Contamination
RT Ecosystems
RT Environmental Transport
RT Food Chains
RT Radioactivity
RT Radionuclide Migration

RADIOECOLOGY [01]
BT1 Ecology
RT Radionuclide Migration

Radiofrequency Systems
USE RF Systems

Radiographs
USE Images

Radiography (Auto)
USE Autoradiography

Radiography (Biomedical)
USE Biomedical Radiography

Radiography (Industrial)
USE Industrial Radiography

Radiography (Micro)
DA October 1975
USE Microradiography

RADIOIMMUNOASSAY [01]
BT1 Radioassay
BT1 Tracer Techniques
BT2 Isotope Applications
RT Antibodies
RT Antigen-Antibody Reactions
RT Antigens
RT CPB
RT Labelled Compounds
RT Radioisotopes

RADIOIMMUNOLOGY [01]
BT1 Immunology
RT Biological Radiation Effects
RT Grafts
RT Immunity
RT Irradiation
RT Therapy

Radioinduced Reactions
USE Chemical Radiation Effects

RADIOINDUCTION
DA February 1975
RT Biological Radiation Effects
RT Radiation Injuries
RT Radiobiology

RADIOISOTOPE BATTERIES [01]
UF *Batteries (Isotopic)*
BT1 Direct Energy Converters
NT1 SNAP Batteries
NT2 SNAP 1 Battery
NT2 SNAP 3 Battery
NT2 SNAP 5 Battery
NT2 SNAP 7 Battery
NT2 SNAP 9 Battery
NT2 SNAP 11 Battery
NT2 SNAP 13 Battery
NT2 SNAP 15 Battery
NT2 SNAP 17 Battery
NT2 SNAP 19 Battery
NT2 SNAP 21 Battery
NT2 SNAP 23 Battery

NT2 SNAP 25 Battery
NT2 SNAP 27 Battery
NT2 SNAP 29 Battery
RT Cardiac Pacemakers
RT Direct Collection Converters
RT Mechanical Heart
RT Radioisotope Heat Sources
RT Radioisotopes
RT Thermoelectric Generators

RADIOISOTOPE GENERATORS [01]
UF *Cow-Milkers*
UF *Generators (Radioisotope)*
RT Cesium 137
RT Daughter Products
RT Decay
RT Diagnostic Techniques
RT Germanium 68
RT Half-Life
RT Isotope Production
RT Isotope Separation
RT Magnesium 28
RT Molybdenum 99
RT Strontium 90
RT Tellurium 132
RT Tin 113
RT Yttrium 87

RADIOISOTOPE HEAT SOURCES [01]
UF *Heat Sources (Radioisotope)*
BT1 Heat Sources
RT Energy
RT Radioisotope Batteries
RT Thermoelectric Generators

Radioisotope Kinetics
USE Radionuclide Kinetics

Radioisotope Migration
USE Radionuclide Migration

RADIOISOTOPE SCANNERS [01]
RT Gamma Cameras
RT Image Processing
RT Image Scanners
RT Images
RT Positron Cameras
RT Radiation Detectors
RT Radioisotope Scanning

RADIOISOTOPE SCANNING [01]
UF *Scanning (Radioisotope)*
BT1 Counting Techniques
NT1 Scintiscanning
RT Cameras
RT Gamma Detection
RT Radioisotope Scanners
RT Tomography

RADIOISOTOPES [01]
UF *Radionuclides*
BT1 Isotopes
*NT1 Alpha Decay Radioisotopes
NT1 Beta Decay Radioisotopes
NT2 Arsenic 66
*NT2 Beta-Minus Decay Radioisotopes
*NT2 Beta-Plus Decay Radioisotopes
*NT2 Electron Capture Radioisotopes
NT2 Iron 45
NT2 Lutetium 165
NT2 Rhodium 94
NT2 Thallium 186
NT2 Vanadium 42
NT2 Vanadium 44
NT2 Yttrium 81
NT2 Yttrium 100
NT1 Bone Seekers
*NT1 Days Living Radioisotopes
NT1 Delayed Neutron Precursors
NT1 Delayed Proton Precursors
NT1 Element 104 Isotopes
NT1 Element 106 Isotopes
*NT1 Hours Living Radioisotopes
*NT1 Internal Conversion Radioisotopes
*NT1 Isomeric Transition Isotopes
NT1 Microsec Living Radioisotopes
NT2 Actinium 216
NT2 Astatine 214
NT2 Astatine 215
NT2 Astatine 216
NT2 Fermium 258
NT2 Francium 217
NT2 Francium 218
NT2 Polonium 213
NT2 Polonium 214
NT2 Radium 217
NT2 Radium 218
NT2 Radon 215
NT2 Radon 216
NT2 Radon 217
NT2 Thorium 217
NT2 Thorium 219
NT2 Thorium 220
*NT1 Millisec Living Radioisotopes
*NT1 Minutes Living Radioisotopes
*NT1 Nanosec Living Radioisotopes
NT1 Neutron-Deficient Isotopes
NT2 Praseodymium 121
NT1 Neutron-Rich Isotopes
*NT1 Seconds Living Radioisotopes
*NT1 Years Living Radioisotopes
RT Biological Localization
RT Carrier-Free Isotopes
RT Hutch Event
RT Nuclear Medicine
RT Radiation Sources
RT Radioactive Materials
RT Radioactivity
RT Radioimmunoassay
RT Radioisotope Batteries
RT Radionuclide Administration
RT Radionuclide Kinetics
RT Radionuclide Migration

RADIOLOGICAL PERSONNEL [01]
DA May 1975
BT1 Personnel
RT Biomedical Radiography
RT Industrial Radiography
RT Medical Personnel

Radiological Protection
USE Radiation Protection

RADIOLOGY [01]
(For the use of radiant energy in medicine.)
BT1 Nuclear Medicine
BT2 Medicine
NT1 Biomedical Radiography
NT2 Fluoroscopy
NT2 Ionographic Imaging
NT2 Osteodensitometry
NT1 Radiotherapy
NT2 Afterloading
NT2 Neutron Capture Therapy
NT2 Neutron Therapy

RADIOLUMINESCENCE [01]
BT1 Luminescence
RT Scintillations

RADIOLYSIS [01]
UF *Degradation (Radioinduced)*
BT1 Chemical Radiation Effects
BT2 Radiation Chemistry
BT3 Chemistry
BT2 Radiation Effects
BT1 Decomposition
BT2 Chemical Reactions
NT1 Autoradiolysis
RT Dissociation
RT G Value
RT Photolysis

RADIOMETERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Heterodyne Receivers
RT Pyranometers

RADIOMETRIC ANALYSIS [01]
BT1 Quantitative Chemical Analysis
BT2 Chemical Analysis
RT Radiation Scattering Analysis
RT Radioactivity

RADIOMETRIC GAGES [01]
UF *Beta Backscattering Gages*
BT1 Measuring Instruments
NT1 Electron-Capture Detectors
RT Densimeters
RT Level Indicators
RT Moisture Gages
RT Nondestructive Testing
RT Radiometric Sorting
RT Sedimentometers
RT Thickness Gages

RADIOMETRIC SORTING [01]
DA May 1975
RT Ore Processing
RT Radiometric Gages

RADIOMETRIC SURVEYS [01]
DA February 1978
BT1 Gamma Spectroscopy
BT2 Spectroscopy
BT1 Geophysical Surveys
BT1 Radioactivity Logging
BT2 Well Logging
BT1 X-Ray Spectroscopy
BT2 Spectroscopy
RT Aerial Prospecting
RT Exploration
RT Uranium Deposits

RADIOMIMETIC DRUGS [01]
BT1 Drugs
RT Antimitotic Drugs
RT Carcinogens
RT Mutagens

RADIONUCLIDE ADMINISTRATION [01]
RT Blood-Plasma Clearance
RT Inhalation
RT Injection
RT Intake
RT Intratracheal Administration
RT Oral Administration
RT Radioisotopes
RT Radionuclide Kinetics

Radionuclide Concentration
USE Radioactivity

Radionuclide Distributions
USE Radionuclide Kinetics

RADIONUCLIDE KINETICS [01]
(For radionuclides in living organisms only; see also TRANSLOCATION.)
UF *Contamination (Internal)*
UF *Internal Contamination*
UF *Radioisotope Kinetics*
UF *Radionuclide Distributions*
UF *Radionuclide Metabolism*
UF *Radionuclide Transfer (In Organisms)*
UF *Radionuclide Turnover*
UF *Transfer (In Organism)*
UF *Transport (In Organisms)*
UF *Turnover (Radionuclides)*
RT Biological Half-Life
RT Biological Hot Spots
RT Biological Localization
RT Biophysics
RT Blood-Plasma Clearance
RT Body Burden
RT Bone Seekers
RT Carriers
RT Compartments
RT Dose Commitments
RT Dynamic Function Studies
RT Excretion
RT Intake
RT Internal Irradiation
RT Metabolism
RT Nonuniform Irradiation
RT Personnel Monitoring
RT Radioactivity
RT Radioisotopes
RT Radionuclide Administration
RT Retention
RT Retention Functions
RT Tissue Distribution
RT Tracer Techniques
RT Unsealed Sources
RT Uptake

RT Whole-Body Counting

Radionuclide Metabolism
USE Radionuclide Kinetics

RADIONUCLIDE MIGRATION [01] (In environment.)
UF *Radioisotope Migration*
UF *Radionuclide Transfer (In Environment)*
UF *Transfer (In Environment)*
BT1 Environmental Transport
BT2 Mass Transfer
RT Clays
RT Diffusion
RT Ecosystems
RT Environment
RT Fallout Deposits
RT Food Chains
RT Ground Water
RT Irrigation
RT Particle Resuspension
RT Radioecological Concentration
RT Radioecology
RT Radioisotopes
RT Soils
RT Tracer Techniques
RT Transfrontier Contamination
RT Translocation

Radionuclide Transfer (In Environment)
USE Radionuclide Migration

Radionuclide Transfer (In Organisms)
USE Radionuclide Kinetics

Radionuclide Turnover
USE Radionuclide Kinetics

Radionuclides
USE Radioisotopes

RADIOPASTEURIZATION
UF *Radicidation*
BT1 Irradiation
BT1 Pasteurization
RT Food
RT Health Hazards
DEF Use of irradiation to destroy microorganisms in food which are detrimental to health.

RADIOPHARMACEUTICALS [01]
BT1 Drugs
BT1 Labelled Compounds
BT1 Radioactive Materials
RT Biological Localization
RT Diagnosis
RT Dual-Isotope Subtraction Technique
RT Microspheres
RT Nuclear Medicine
RT Pharmacology
RT Pyridoxylideneglutamate
RT Scintiscanning

Radiophotoluminescent Dosemeters
USE RPL Dosemeters

Radiopolymerization
USE Chemical Radiation Effects
AND Polymerization

RADIOPRESERVATION
DA May 1975
UF *Radurization*
BT1 Irradiation
BT1 Preservation
RT Food
RT Food Processing
RT Storage Life

RADIOPROTECTIVE SUBSTANCES [01]
BT1 Drugs
BT1 Response Modifying Factors
NT1 Acridones
NT1 AET
NT1 BAL
NT1 Bufotenine
NT1 Cystamine
NT1 Cystaphos
NT1 Cytriphos
NT1 Dianabol
NT1 DTPA
NT1 Ethyrone
NT1 Gammaphos
NT1 Hydroxytryptophan
NT1 Kallikrein
NT1 MEA
NT1 MEG
NT1 Mercaptopropylamine
NT1 Penicillamine
NT1 Pentacyn
NT1 Serotonin
NT2 Mexamine
RT Glutathione
RT Radiation Protection
RT Royal Jelly
RT Scavenging
RT Tissue Extracts

Radioresistance
USE Radiosensitivity

RADIOSENSITIVITY [01]
UF *Radioresistance*
RT Biological Radiation Effects
RT Dose-Response Relationships
RT Radiation Effects
RT Radiobiology
RT Radiosensitivity Effects
RT Radiosensitizers
RT Response Modifying Factors
RT Survival Curves

RADIOSENSITIVITY EFFECTS
DA February 1975
RT Radiosensitivity

RADIOSENSITIZERS [01]
BT1 Drugs
BT1 Response Modifying Factors
NT1 FUDR
NT1 Metronidazole
NT1 NEM
NT1 TAN
RT Antimitotic Drugs
RT Radiosensitivity

RADIOSTERILIZATION
DA February 1975
UF *Radappertization*
BT1 Sterilization
RT Irradiation

Radiosurgery
USE Radiotherapy
AND Surgery

RADIOTHERAPY [01]
UF *Contact Radiotherapy*
UF *High Energy Radiotherapy*
UF *Plesiotherapy*
UF *Supervoltage Radiotherapy*
UF+ *Radiosurgery*
BT1 Radiology
BT2 Nuclear Medicine
BT3 Medicine
BT1 Therapy
NT1 Afterloading
NT1 Neutron Capture Therapy
NT1 Neutron Therapy
RT Collimators
RT Cumulative Radiation Effects
RT Depth Dose Distributions
RT Fractionated Irradiation
RT Irradiation
RT Isodose Curves
RT Phantoms
RT Radiation Source Implants

Radiothorium
USE Thorium 228

RADIOTOXINS [01]
RT Abscopal Radiation Effects
RT Toxins

RADIOWAVE RADIATION [01]
UF+ *Decimeter Wave Radiation (1-3 Dm)*
UF+ *Decimeter Wave Radiation (3-10Dm)*
UF+ *Meter Wave Radiation*
UF+ *Shf Radiation*
UF+ *Super High Frequency Radiation*
UF+ *Uhf Radiation (01-100 Ghz)*
UF+ *Uhf Radiation (100-1000 Mhz)*
UF+ *Uhf Radiation (Lower Range)*
UF+ *Uhf Radiation (Upper Range)*
UF+ *Ultrahigh Frequency Radiation (01-100 Ghz)*
UF+ *Ultrahigh Frequency Radiation (100-1000 Mhz)*
UF+ *Ultrahigh Frequency Radiation (Lower Range)*
UF+ *Ultrahigh Frequency Radiation (Upper Range)*
UF+ *Very High Frequency Radiation*
UF+ *Vhf Radiation*
BT1 Electromagnetic Radiation
BT2 Radiations
NT1 Long Wave Radiation
NT1 Luxemburg Effect
NT1 Medium Wave Radiation
NT1 Radio Noise
NT2 Atmospherics
NT2 Whistlers
NT1 Radioecho
NT1 Short Wave Radiation
NT1 Solar Radio Bursts
NT1 Solar Radiowave Radiation
RT Cosmic Radio Sources
RT Critical Frequency
RT Polar-Cap Absorption
RT Radar
RT Radio Equipment
RT RF Systems
RT Signal Distortion
RT Wavelengths

RADISHES [01]
BT1 Vegetables
BT2 Food

RADIUM [01]
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements
RT Natural Radioactivity

RADIUM 206 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 207 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 208 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 209 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 210 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 211 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 212 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 213 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 214 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 215 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 216 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 217 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 218 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 219 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 220 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 221 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 222 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 223 [01]
UF *Actinium X*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 224 [01]
UF *Thorium X*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 225 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 226 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 227 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 228 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes

BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 229 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADIUM 230 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 231 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 232 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 233 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

RADIUM 234 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

Radium A
USE Polonium 218

RADIUM ADDITIONS
DA April 1975
BT1 Alloys

Radium B
USE Lead 214

RADIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

Radium C
USE Bismuth 214

Radium C/
USE Polonium 214

Radium C//
USE Thallium 210

RADIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

RADIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

RADIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

RADIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Radium Bromides
NT1 Radium Carbonates
NT1 Radium Chlorides
NT1 Radium Fluorides
NT1 Radium Nitrates
NT1 Radium Oxides
NT1 Radium Silicates
NT1 Radium Sulfates

Radium D
USE Lead 210

Radium E
USE Bismuth 210

Radium E//
USE Thallium 206

Radium F
USE Polonium 210

RADIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

Radium G
USE Lead 206

RADIUM IONS [01]
BT1 Ions
BT2 Charged Particles

RADIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Radium 206
NT1 Radium 207
NT1 Radium 208
NT1 Radium 209
NT1 Radium 210
NT1 Radium 211
NT1 Radium 212
NT1 Radium 213
NT1 Radium 214
NT1 Radium 215
NT1 Radium 216
NT1 Radium 217
NT1 Radium 218
NT1 Radium 219
NT1 Radium 220
NT1 Radium 221
NT1 Radium 222
NT1 Radium 223
NT1 Radium 224
NT1 Radium 225
NT1 Radium 226
NT1 Radium 227
NT1 Radium 228
NT1 Radium 229
NT1 Radium 230
NT1 Radium 231
NT1 Radium 232
NT1 Radium 233
NT1 Radium 234
RT Bone Seekers

RADIUM NITRATES
DA March 1976
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

RADIUM OXIDES
DA March 1976
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds

RADIUM SILICATES
DA March 1976
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

RADIUM SULFATES [01]
BT1 Radium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

RADIUM 226 TARGET [01]
DA July 1976
BT1 Targets

RADON [01]
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements
RT Natural Radioactivity

RADON 196
DA December 1978
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 199
DA September 1978
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 200 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 201 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 202 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 203 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 204 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 205 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 206 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 207 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 208 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 209 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 210 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 211 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 212 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 213 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 214 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 215 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 216 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 217 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 218 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 219 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 220 [01]
UF *Thoron*
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RADON 221 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 222 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 224 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON 225 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Radon Isotopes

RADON 226 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Radon Isotopes

RADON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Radon Compounds
BT2 Rare Gas Compounds

RADON COMPLEXES [01]
BT1 Complexes

RADON COMPOUNDS [01]
BT1 Rare Gas Compounds
NT1 Radon Chlorides
NT1 Radon Fluorides
NT1 Radon Oxides

RADON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Radon Compounds
BT2 Rare Gas Compounds

RADON IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

RADON ISOTOPES [01]
NT1 Radon 196
NT1 Radon 199
NT1 Radon 200
NT1 Radon 201
NT1 Radon 202
NT1 Radon 203
NT1 Radon 204
NT1 Radon 205
NT1 Radon 206
NT1 Radon 207
NT1 Radon 208
NT1 Radon 209
NT1 Radon 210
NT1 Radon 211
NT1 Radon 212
NT1 Radon 213
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NT1 Radon 218
NT1 Radon 219
NT1 Radon 220
NT1 Radon 221
NT1 Radon 222
NT1 Radon 224
NT1 Radon 225
NT1 Radon 226

Radon Monitors
DA April 1975
USE Emanometers

RADON OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Radon Compounds
BT2 Rare Gas Compounds

Radurization
DA May 1975
USE Radiopreservation

RAFFINOSE [01]
BT1 Oligosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

RAFT RIVER VALLEY
DA May 1976
BT1 Idaho
BT2 Pacific Northwest Region
BT2 USA
BT3 North America

RAIL TRANSPORT
DA June 1976
BT1 Transport
RT Land Transport
RT Railroad Cars

RAILROAD CARS
DA August 1978
BT1 Trains
BT2 Vehicles
RT Rail Transport
RT Railways

RAILWAYS
DA April 1975
NT1 Electric Railways
RT Levitated Trains
RT Railroad Cars
RT Rapid Transit Systems
RT Trains

RAIN [01]
BT1 Atmospheric Precipitations
NT1 Acid Rain
RT Disasters
RT Droplets
RT Rain Water
RT Snow
RT Storms
RT Washout

RAIN WATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Rain
RT Runoff

Rainout
USE Washout

RAJASTHAN-1 REACTOR [01]
UF *RAPS-1 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

RAJASTHAN-2 REACTOR [01]
UF *RAPS-2 Reactor*
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

RAKE-2 REACTOR [01]
DA September 1975
UF *Rossendorf Assembly for Critical Experiments*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Raleigh-NCSC Research Reactor-1
USE NCSCR-1 Reactor

Raleigh-NCSC Research Reactor-2
USE NCSCR-2 Reactor

Raleigh-NCSC Research Reactor-3
USE NCSCR-3 Reactor

Raleigh-NCSC Research Reactor-4
USE NCSCR-4 Reactor

Raleigh PULSTAR Reactor
USE Pulstar-Raleigh Reactor

RAMAN EFFECT [01]
RT Raman Spectra
RT Scattering
RT Spectra
RT Ultraviolet Radiation
RT Visible Radiation

RAMAN SPECTRA [01]
DA October 1975
BT1 Spectra
RT Laser Spectroscopy
RT Raman Effect

RAMJET ENGINES [01]
BT1 Internal Combustion Engines
BT2 Engines
BT1 Motors

RAMSAUER EFFECT [01]
UF *Ramsauer-Townsend Effect*
RT Elastic Scattering

Ramsauer-Townsend Effect
USE Ramsauer Effect

Rana
USE Frogs

RANA REACTOR [01]
UF *Casaccia RANA Reactor*
UF *Ispra-2 RANA Reactor*

BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

RANCE POWER PLANT
DA July 1975
BT1 Tidal Power Plants
BT2 Power Plants

RANCHO SECO-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

RANCHO SECO-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors

RANDOM PHASE APPROXIMATION [01]
RT Ericson Theory
RT Statistics

RANDOMNESS [01]
RT Monte Carlo Method

RANGE [01]
(Of particles and radiations in matter; not for ENERGY RANGE or INTERACTION RANGE.)
RT Absorption
RT Depth Dose Distributions
RT Distance
RT Energy Losses
RT Stopping Power

RANGE FINDERS [01]
DA November 1975
BT1 Measuring Instruments
NT1 Radar
NT2 Optical Radar
NT1 Sonar

RANGELANDS
DA September 1978
BT1 Terrestrial Ecosystems
BT2 Ecosystems
RT Domestic Animals
RT Management
RT Pastures
RT Plants
RT Resource Assessment
RT Wild Animals
DEF Lands providing forage for domestic and wild animals, wildlife cover, recreation opportunities and vegetation for watershed protection.

RANGER DEPOSIT [01]
DA June 1977
BT1 Uranium Deposits
BT2 Geologic Deposits
BT2 Resources
RT Northern Territory
RT Uranium Ores

RANKINE CYCLE [01]
BT1 Thermodynamic Cycles
RT Rankine Cycle Power Systems
RT Thermodynamics
DEF An ideal thermodynamic cycle consisting of heat addition at constant pressure, isentropic expansion, heat rejection at constant pressure, and isentropic compression; used as an ideal standard for the performance of heat-engine and heat-pump installations operating with a condensable vapor as the working fluid, such as a steam power plant. Also known as steam cycle.

RANKINE CYCLE ENGINES
DA May 1975
BT1 Engines
RT Automobiles
RT Rankine Cycle Power Systems
RT Steam
RT Vapor Generators

RANKINE CYCLE POWER SYSTEMS
DA February 1975
RT Power Plants
RT Rankine Cycle
RT Rankine Cycle Engines

RANKINE-HUGONIOT EQUATIONS [01]
RT Shock Waves

RANQUILITE [01]
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

RANUNCULACEAE [01]
UF *Buttercups*
UF *Caraway*
UF *Crowfoot*
UF *Delphinium*
UF *Nigella*
BT1 Plants

RAPID TRANSIT SYSTEMS
DA November 1975
BT1 Transportation Systems
RT Electric Railways
RT Mass Transit Systems
RT Railways
RT Trains
RT Transport

RAPS-1 Reactor
USE Rajasthan-1 Reactor

RAPS-2 Reactor
USE Rajasthan-2 Reactor

RAPSODIE REACTOR [01]
UF *Cadarache Rapsodie Reactor*
UF *Fortissimo Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

RARE EARTH ADDITIONS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Cerium Additions
NT2 Steel-Kh13
NT2 Steel-1Kh16n14v2br Ehp17
NT2 Steel-Kh13s2yu2bt
NT1 Dysprosium Additions
NT1 Erbium Additions
NT1 Europium Additions
NT1 Gadolinium Additions
NT1 Holmium Additions
NT1 Lanthanum Additions
NT1 Lutetium Additions
NT1 Neodymium Additions
NT1 Praseodymium Additions
NT1 Promethium Additions
NT1 Samarium Additions
NT1 Terbium Additions
NT1 Thulium Additions
NT1 Ytterbium Additions

RARE EARTH ALLOYS [01]
BT1 Alloys
NT1 Cerium Alloys
NT2 Cerium Additions
NT3 Steel-Kh13
NT3 Steel-1Kh16n14v2br Ehp17
NT3 Steel-Kh13s2yu2bt
NT2 Cerium Base Alloys
NT3 Misch Metal
NT1 Dysprosium Alloys
NT2 Dysprosium Additions
NT2 Dysprosium Base Alloys
NT1 Erbium Alloys
NT2 Erbium Additions
NT2 Erbium Base Alloys
NT1 Europium Alloys
NT2 Europium Additions
NT2 Europium Base Alloys
NT1 Gadolinium Alloys
NT2 Gadolinium Additions
NT2 Gadolinium Base Alloys
NT1 Holmium Alloys
NT2 Holmium Additions
NT2 Holmium Base Alloys
NT1 Lanthanum Alloys
NT2 Lanthanum Additions
NT2 Lanthanum Base Alloys
NT2 Misch Metal
NT1 Lutetium Alloys
NT2 Lutetium Additions
NT2 Lutetium Base Alloys
NT1 Magnesium Alloy-EK
NT1 Magnesium Alloy-EZ
NT1 Neodymium Alloys
NT2 Neodymium Additions
NT2 Neodymium Base Alloys
NT1 Praseodymium Alloys
NT2 Praseodymium Additions
NT2 Praseodymium Base Alloys
NT1 Promethium Alloys
NT2 Promethium Additions
NT2 Promethium Base Alloys
NT1 Rare Earth Additions
NT2 Cerium Additions
NT3 Steel-Kh13
NT3 Steel-1Kh16n14v2br Ehp17
NT3 Steel-Kh13s2yu2bt
NT2 Dysprosium Additions
NT2 Erbium Additions
NT2 Europium Additions
NT2 Gadolinium Additions
NT2 Holmium Additions
NT2 Lanthanum Additions
NT2 Lutetium Additions
NT2 Neodymium Additions
NT2 Praseodymium Additions
NT2 Promethium Additions
NT2 Samarium Additions
NT2 Terbium Additions
NT2 Thulium Additions
NT2 Ytterbium Additions
NT1 Samarium Alloys

NT2 Samarium Additions
NT2 Samarium Base Alloys
NT1 Terbium Alloys
NT2 Terbium Additions
NT2 Terbium Base Alloys
NT1 Thulium Alloys
NT2 Thulium Additions
NT2 Thulium Base Alloys
NT1 Ytterbium Alloys
NT2 Ytterbium Additions
NT2 Ytterbium Base Alloys
RT Actinide Alloys

RARE EARTH COMPLEXES [01]
BT1 Complexes
NT1 Cerium Complexes
NT1 Dysprosium Complexes
NT1 Erbium Complexes
NT1 Europium Complexes
NT1 Gadolinium Complexes
NT1 Holmium Complexes
NT1 Lanthanum Complexes
NT1 Lutetium Complexes
NT1 Neodymium Complexes
NT1 Praseodymium Complexes
NT1 Promethium Complexes
NT1 Samarium Complexes
NT1 Terbium Complexes
NT1 Thulium Complexes
NT1 Ytterbium Complexes

RARE EARTH COMPOUNDS [01]
NT1 Aeschynite
NT1 Bastnaesite
*NT1 Cerium Compounds
*NT1 Dysprosium Compounds
*NT1 Erbium Compounds
NT1 Europium Compounds
NT2 Europium Arsenides
NT2 Europium Borides
NT2 Europium Bromides
NT2 Europium Carbides
NT2 Europium Carbonates
NT2 Europium Chlorides
NT2 Europium Fluorides
NT2 Europium Hydrides
NT2 Europium Hydroxides
NT2 Europium Iodides
NT2 Europium Nitrates
NT2 Europium Nitrides
NT2 Europium Oxides
NT2 Europium Perchlorates
NT2 Europium Phosphates
NT2 Europium Phosphides
NT2 Europium Selenides
NT2 Europium Silicates
NT2 Europium Silicides
NT2 Europium Sulfates
NT2 Europium Sulfides
NT2 Europium Tellurides
NT1 Freyalite
NT1 Gadolinite
*NT1 Gadolinium Compounds
*NT1 Holmium Compounds
*NT1 Lanthanum Compounds
*NT1 Lutetium Compounds
NT1 Lyndochite
NT1 Mesodialyte
NT1 Monazites
*NT1 Neodymium Compounds
NT1 Nogizawalite
*NT1 Praseodymium Compounds
*NT1 Promethium Compounds
*NT1 Samarium Compounds
*NT1 Terbium Compounds
NT1 Thorianite
*NT1 Thulium Compounds
*NT1 Ytterbium Compounds

RARE EARTH ISOTOPES
DA April 1975
BT1 Isotopes
*NT1 Cerium Isotopes
*NT1 Dysprosium Isotopes
*NT1 Erbium Isotopes
*NT1 Europium Isotopes
*NT1 Gadolinium Isotopes
*NT1 Holmium Isotopes
*NT1 Lanthanum Isotopes
*NT1 Lutetium Isotopes
*NT1 Praseodymium Isotopes
*NT1 Promethium Isotopes
*NT1 Samarium Isotopes
*NT1 Terbium Isotopes
*NT1 Thulium Isotopes
*NT1 Ytterbium Isotopes

RARE EARTH NUCLEI [01]
(For nuclear properties of rare earths.)
DA April 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
NT1 Cerium 124
NT1 Cerium 125
NT1 Cerium 126
NT1 Cerium 127
NT1 Cerium 128
NT1 Cerium 129
NT1 Cerium 130
NT1 Cerium 131
NT1 Cerium 132
NT1 Cerium 133
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NT1 Cerium 135
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NT1 Cerium 140
NT1 Cerium 141
NT1 Cerium 142
NT1 Cerium 143
NT1 Cerium 144
NT1 Cerium 145
NT1 Cerium 146
NT1 Cerium 147
NT1 Cerium 148
NT1 Cerium 150
NT1 Cerium 151
NT1 Dysprosium 147
NT1 Dysprosium 148
NT1 Dysprosium 149
NT1 Dysprosium 150
NT1 Dysprosium 151
NT1 Dysprosium 152
NT1 Dysprosium 153
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NT1 Dysprosium 163
NT1 Dysprosium 164
NT1 Dysprosium 165
NT1 Dysprosium 166
NT1 Dysprosium 167
NT1 Erbium 150
NT1 Erbium 152
NT1 Erbium 153
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NT1 Europium 138
NT1 Europium 139
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NT1 Europium 141
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NT1 Europium 143
NT1 Europium 144
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NT1 Europium 147
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NT1 Europium 153
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NT1 Europium 159
NT1 Europium 160
NT1 Gadolinium 142
NT1 Gadolinium 143
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NT1 Gadolinium 161
NT1 Gadolinium 162
NT1 Holmium 148
NT1 Holmium 149
NT1 Holmium 150
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NT1 Holmium 170
NT1 Lanthanum 123
NT1 Lanthanum 124
NT1 Lanthanum 125
NT1 Lanthanum 126
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NT1 Lanthanum 128
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NT1 Lanthanum 143
NT1 Lanthanum 144
NT1 Lanthanum 145
NT1 Lanthanum 146

NT1 Lanthanum 147
NT1 Lanthanum 148
NT1 Lutetium 155
NT1 Lutetium 156
NT1 Lutetium 157
NT1 Lutetium 161
NT1 Lutetium 162
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NT1 Neodymium 129
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NT1 Praseodymium 129
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NT1 Promethium 132
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NT1 Samarium 133
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NT1 Ytterbium 153
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NT1 Ytterbium 178

RARE EARTHS [01]
UF *Lanthanides*
BT1 Metals
BT2 Elements
NT1 Cerium
NT2 Cerium-Alpha
NT2 Cerium-Beta
NT2 Cerium-Gamma
NT1 Dysprosium
NT1 Erbium
NT1 Europium
NT1 Gadolinium
NT1 Holmium
NT1 Lanthanum
NT1 Lutetium
NT1 Neodymium
NT1 Praseodymium
NT1 Promethium
NT1 Samarium
NT1 Terbium
NT1 Thulium
NT1 Ytterbium
RT Thucholite

RARE GAS COMPOUNDS [01]
NT1 Argon Compounds
NT2 Argon Borides
NT2 Argon Chlorides
NT2 Argon Fluorides
NT2 Argon Hydrides
NT2 Argon Iodides
NT2 Argon Nitrides
NT1 Helium Compounds
NT2 Helium Carbides
NT2 Helium Chlorides
NT2 Helium Fluorides
NT2 Helium Hydrides
NT2 Helium Hydroxides
NT2 Helium Nitrides
NT2 Helium Oxides
NT2 Helium Tritides
NT1 Krypton Compounds
NT2 Krypton Chlorides
NT2 Krypton Fluorides
NT2 Krypton Hydrides
NT2 Krypton Oxides
NT1 Neon Compounds
NT2 Neon Chlorides
NT2 Neon Fluorides
NT2 Neon Hydrides
NT2 Neon Iodides
NT2 Neon Oxides
NT1 Radon Compounds
NT2 Radon Chlorides
NT2 Radon Fluorides
NT2 Radon Oxides
NT1 Xenon Compounds
NT2 Xenon Bromides
NT2 Xenon Chlorides
NT2 Xenon Fluorides
NT2 Xenon Hydrides
NT2 Xenon Hydroxides
NT2 Xenon Iodides
NT2 Xenon Oxides
NT2 Xenon Phosphates

RARE GASES [01]
UF *Noble Gases*
BT1 Nonmetals
BT2 Elements
NT1 Argon
NT1 Helium
NT1 Krypton
NT1 Neon
NT1 Radon
NT1 Xenon
RT Clathrates
RT Emanation Method

RT Emanation Thermal Analysis
RT Gas Scintillation Detectors
RT Inert Atmosphere

RAREFIED GASES [01]
BT1 Gases
BT2 Fluids

RARITA-SCHWINGER THEORY [01]
RT Quantum Mechanics
RT Wave Equations

Ras al Khaima
DA August 1976
USE United Arab Emirates

Raschig Rings
USE Column Packing

RASPBERRIES [01]
DA August 1976
BT1 Fruits
BT2 Food

RATCHETING
DA July 1976
BT1 Deformation
RT Mechanical Structures
DEF Progressive distortion resulting from or enhanced by cyclic loading.

RATE STRUCTURE
DA April 1978
NT1 Fuel Adjustment Mechanisms
RT Electric Utilities
RT Gas Utilities
RT Marginal-Cost Pricing
RT Prices

Ratemeters (Counting)
USE Counting Ratemeters

Ratemeters (Dose)
USE Dose Ratemeters

Ratemeters (Exposure)
USE Exposure Ratemeters

Rationing
DA March 1978
USE Allocations

RATS [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

RAUVITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

RAW MATERIALS
DA June 1978
RT Resources
DEF Material available, suitable, or required for manufacture, development, training, or some other finishing process, but not yet so used.

Rawalpindi Research Reactor
USE PARR Reactor

Rayleigh-Ritz Method
USE Ritz Method

RAYLEIGH SCATTERING [01]
BT1 Coherent Scattering
BT2 Scattering

RAYLEIGH-SCHROEDINGER FORMULA [01]
RT Perturbation Theory

RAYLEIGH-TAYLOR INSTABILITY [01]
BT1 Instability
RT Fluid Flow
RT Hydrodynamics
RT Plasma Macroinstabilities

RAYLEIGH WAVES [01]
BT1 Seismic Surface Waves
BT1 Seismic Waves
RT Earthquakes
RT Seismic Detection
RT Underground Explosions

RAYON [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Cellulose
RT Fibers
RT Textiles

RAZDAN COMPUTERS [01]
BT1 Computers

RB-1 REACTOR [01]
UF *Montecuccolino RB-1 Reactor*
UF *Reattore Bologna-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RB-2 REACTOR [01]
UF *Montecuccolino RB-2 Reactor*
UF *Reattore Bologna-2*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

RB-3 REACTOR [01]
UF *Montecuccolino RB-3 Reactor*
UF *Reattore Bologna-3*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RBE [01]
UF *Relative Biological Effectiveness*
RT Biological Radiation Effects
RT LET
RT Oxygen Enhancement Ratio
RT Quality Factor
RT Radiation Effects
RT Radiation Quality

RC-1 Reactor
USE TRIGA-2-Rome Reactor

RC-4 Reactor Casaccia
USE RITMO Reactor

RCIC SYSTEMS
DA January 1975
UF *Reactor Core Isolation Cooling*
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components

RCN [01]
(Reactor Centrum Nederland.)
DA May 1975
BT1 Netherlands Organizations
BT2 National Organizations

RDF
DA November 1976
USE Refuse Derived Fuels

Re-Entry
USE Reentry

REACTION HEAT [01]
UF *Heat of Reaction*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
NT1 Combustion Heat
NT1 Dissociation Heat
NT1 Formation Heat
RT Thermochemical Heat Storage

REACTION INTERMEDIATES
DA October 1978
SF *Transient Species*
RT Carbenes
RT Chemical Reactions
RT Photochemistry
RT Radiation Chemistry
RT Radicals
RT Seed-Slag Interactions

REACTION KINETICS [01]
UF *Reaction Mechanisms*
UF *Reaction Rate*
UF+ *Activity Coefficient*
BT1 Kinetics
NT1 Biochemical Reaction Kinetics
NT1 Chemical Reaction Kinetics
NT2 Combustion Kinetics
NT1 Nuclear Reaction Kinetics
RT Activation Energy
RT Arrhenius Equation
RT Dissociation
RT Equilibrium

Reaction Mechanisms
USE Reaction Kinetics

REACTION PRODUCT TRANSPORT SYSTEMS
DA January 1975
UF *Transport (Reaction Product)*
NT1 Rabbit Tubes
RT Accelerator Facilities
RT Nuclear Reactions
RT Reactor Experimental Facilities
RT Recoils

Reaction Rate
USE Reaction Kinetics

REACTIVITY [01]
NT1 Reactivity Insertions
NT2 Rod Drop Accidents
RT Inhour Equation
RT Pile Oscillation Techniques
RT Pile Replacement Techniques
RT Poisoning
RT Reactivity Coefficients
RT Reactivity Meters
RT Reactivity Units
RT Reactivity Worths
RT Reactor Kinetics
RT Rod Drop Method

Reactivity (Chemical)
DA June 1979
USE Activation Energy

REACTIVITY COEFFICIENTS [01]
NT1 Danger Coefficient
NT1 Doppler Coefficient
NT1 Power Coefficient
NT1 Pressure Coefficient
NT1 Temperature Coefficient
NT1 Void Coefficient
RT Reactivity
RT Reactivity Insertions
RT Reactor Kinetics

REACTIVITY INSERTIONS [01]
BT1 Reactivity
NT1 Rod Drop Accidents
RT Pulsed Reactors
RT Reactivity Coefficients
RT Reactivity Units
RT Reactivity Worths
RT Reactor Kinetics
RT Rod Ejection Accidents

REACTIVITY METERS [01]
RT Reactivity

REACTIVITY UNITS [01]
NT1 Dollars
NT1 Inhours
RT Reactivity
RT Reactivity Insertions

REACTIVITY WORTHS [01]
RT Reactivity
RT Reactivity Insertions

710 REACTOR
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Gas Cooled Reactors
BT2 Reactors
BT1 Mobile Reactors
BT2 Reactors
BT1 Propulsion Reactors
BT2 Reactors

REACTOR ACCIDENTS [01]
BT1 Accidents
NT1 ATWS
NT1 Design Basis Accidents
NT2 Maximum Credible Accident
NT1 Excursions
NT1 Fuel Element Failure
NT1 Loss of Coolant
NT1 Loss of Flow
NT1 Meltdown
NT1 Power-Cooling-Mismatch Accidents
NT1 Reactor Core Disruption
NT1 Rod Drop Accidents
NT1 Rod Ejection Accidents
NT1 Transient Overpower Accidents
RT Burnout
RT Corium
RT Emergency Plan
RT Fuel-Coolant Interactions
RT Missile Protection
RT Molten Metal-Water Reactions
RT Pressure Suppression
RT Reactor Operation
RT Reactor Safety

Reactor Argentin-0
USE RA-0 Reactor

Reactor Argentin-1
USE RA-1 Reactor

Reactor Argentin-2
USE RA-2 Reactor

Reactor Argentin-3
USE RA-3 Reactor

REACTOR CELLS [01]
UF *Cells (Reactor)*
RT Reactor Lattices

REACTOR CHANNELS [01]
(Passage through the reactor.)
UF *Channels (Reactor)*
BT1 Reactor Components
NT1 Beam Holes
NT1 Experimental Channels
NT1 Fuel Channels

REACTOR CHARGING MACHINES [01]
UF *Charging Machines (Reactor)*
UF *Loading Machines (Reactor)*
BT1 Reactor Components
RT Reactor Fueling
RT Remote Handling

REACTOR COMMISSIONING [01]
UF *Commissioning (Reactor)*
RT National Control
RT Reactor Decommissioning

REACTOR COMPONENTS [01]
NT1 Breeding Blankets
NT1 Control Elements
NT2 Regulating Rods
NT2 Scram Rods
NT2 Shim Rods
NT1 Control Rod Drives
NT1 Core Catchers
NT1 Fuel Elements
NT2 Annular Fuel Elements
NT2 Fuel Pins
NT2 Fuel Plates
NT2 Fuel Rods
NT3 Hollow Fuel Rods
NT2 Fuel Spheres
NT2 Fuel Wires
NT2 Spent Fuel Elements
NT2 Thermionic Fuel Elements
NT1 Reactor Channels
NT2 Beam Holes
NT2 Experimental Channels
NT2 Fuel Channels
NT1 Reactor Charging Machines
NT1 Reactor Cooling Systems
NT2 Direct Cycle Cooling Systems
NT2 Dual Cycle Cooling Systems
NT2 Integrated Cooling Systems
NT2 Primary Coolant Circuits
NT3 Coolant Cleanup Systems
NT2 RCIC Systems
NT2 RHR Systems
NT2 Secondary Coolant Circuits
NT2 Shrouds
NT1 Reactor Cores
NT2 Coupled Reactor Cores
NT1 Reactor Experimental Facilities
NT2 Beam Holes
NT2 Experimental Channels
NT2 In Pile Loops
NT2 Rabbit Tubes
NT1 Reactor Internals
NT1 Reactor Safety Fuses
RT Alarm Systems
RT Condensation Chambers
RT Containers
RT Containment
RT Control Equipment
RT Cooling Towers
RT Electrical Equipment
RT Electronic Equipment
RT Fins
RT Heat Exchangers
RT Jackets
RT Leak Detectors
RT Pumps
RT Reactor Materials
RT Shielding Materials
RT Shields
RT Sleeves
RT Spacers
RT Vanes

Reactor Control Rods
USE Control Elements

REACTOR CONTROL SYSTEMS [01]
UF *Monitors (Reactor)*
BT1 Control Systems
NT1 Interlocks
RT Automation
RT Boiling Detection
RT Burnable Poisons
RT Configuration Control
RT Control Elements
RT Control Rod Drives
RT Control Rooms
RT Fluid Poison Control
RT Neutron Absorbers
RT Neutron Detectors
RT Neutron Monitors
RT On-Line Control Systems
RT Process Computers
RT Reactor Instrumentation
RT Reactor Safety Fuses
RT Thermocouples
DEF The processes and operations ensuring the control and safe running of a nuclear reactor.

Reactor Control Theory
USE Reactor Kinetics

REACTOR COOLING SYSTEMS [01]
UF *Cooling System (Reactor)*
BT1 Cooling Systems
BT1 Reactor Components
NT1 Direct Cycle Cooling Systems
NT1 Dual Cycle Cooling Systems
NT1 Integrated Cooling Systems
NT1 Primary Coolant Circuits
NT2 Coolant Cleanup Systems
NT1 RCIC Systems
NT1 RHR Systems
NT1 Secondary Coolant Circuits
NT1 Shrouds
RT Blowers
RT Boilers
RT Bypasses
RT Compressors
RT Condensation Chambers
RT Condenser Cooling Systems
RT Coolants
RT Cooling
RT Demineralizers
RT Economizers
RT Feedwater
RT Feedwater Heaters
RT Fluid Flow
RT Heat Exchangers
RT Heat Transfer
RT Hot Channel
RT Hot Spots
RT Isolation Condensers
RT Loss of Coolant
RT Pressure Tubes
RT Pressurizers
RT Pumps
RT Recombiners
RT Steam Condensers
RT Steam Generators
RT Steam Jet Ejectors
RT Steam Lines
RT Steam Separators
RT Steam Systems
RT Steam Turbines
RT Superheaters
RT Tubes
RT Valves
RT Vapor Generators

REACTOR CORE DISRUPTION [01]
BT1 Reactor Accidents
BT2 Accidents
RT Reactor Cores

Reactor Core Isolation Cooling
DA January 1975
USE RCIC Systems

REACTOR CORE RESTRAINTS [01]
BT1 Reactor Protection Systems
BT1 Restraints
RT Reactor Cores
RT Reactor Safety
RT Supports

REACTOR CORES [01]
UF *Cores (Reactor)*

BT1 Reactor Components
NT1 Coupled Reactor Cores
RT Control Elements
RT Core Catchers
RT Fuel Assemblies
RT Fuel Elements
RT Fuel Management
RT In Core Instruments
RT Moderators
RT Power Density
RT Power Distribution
RT Reactor Core Disruption
RT Reactor Core Restraints
RT Reactor Internals
RT Reactor Lattices

REACTOR DECOMMISSIONING [01]
BT1 Decommissioning
RT National Control
RT Reactor Commissioning

REACTOR DISMANTLING [01]
UF *Dismantling (Reactor)*
BT1 Demolition
RT Fuel Assembly Dismantling
RT National Control

REACTOR EXPERIMENTAL FACILITIES [01]
UF *Experimental Facilities (Reactor)*
BT1 Reactor Components
NT1 Beam Holes
NT1 Experimental Channels
NT1 In Pile Loops
NT1 Rabbit Tubes
RT Reaction Product Transport Systems

Reactor Fuel Elements
USE Fuel Elements

REACTOR FUELING [01]
UF *Charging (Reactor)*
UF *Discharging (Reactor)*
UF *Fuel Loading*
UF *Loading (Reactor)*
UF *Unloading (Reactor)*
NT1 Batch Loading
RT Fuel Management
RT Fuel Pools
RT Reactor Charging Machines
RT Reactor Operation
RT Remote Handling

Reactor Fuels
USE Nuclear Fuels

REACTOR INSTRUMENTATION [01]
NT1 In Core Instruments
NT2 Noise Thermometers
RT Loose Parts Monitoring
RT Measuring Instruments
RT Reactor Control Systems
RT Reactor Operation
RT Reactor Protection Systems
RT Reactor Safety
RT Reactor Shutdown

REACTOR INTERNALS
DA January 1975
BT1 Reactor Components
RT Reactor Cores

REACTOR KINETICS [01]
UF *Control Theory (Reactor)*
UF *Reactor Control Theory*
BT1 Kinetics
RT Burnable Poisons
RT Control Elements
RT Control Rod Worths
RT Criticality
RT Delayed Neutrons
RT Heterogeneous Effects
RT Inhour Equation
RT Perturbation Theory
RT Poisoning
RT Reactivity
RT Reactivity Coefficients
RT Reactivity Insertions
RT Reactor Kinetics Equations
RT Reactor Noise
RT Reactor Period
RT Reactor Physics
RT Reactor Simulators
RT Reactor Stability
RT Rod Drop Method
RT Subcriticality

REACTOR KINETICS EQUATIONS [01]
UF *Kinetics Equations (Reactor)*
BT1 Equations
NT1 Response Matrix Method
RT Chapman-Kolmogorov Equation
RT Reactor Kinetics

REACTOR LATTICE PARAMETERS [01]
UF *Pitch (Reactor Parameters)*
UF *Reactor Lattice Pitch*
RT Reactor Lattices
RT Reactor Physics

Reactor Lattice Pitch
USE Reactor Lattice Parameters

REACTOR LATTICES [01]
UF *Lattices (Reactor)*
RT Configuration
RT Configuration Control
RT Fuel Elements
RT Power Density
RT Reactor Cells
RT Reactor Cores
RT Reactor Lattice Parameters
RT Zero Power Reactors

REACTOR LICENSING [01]
BT1 Licensing
RT Antitrust Review
RT Financial Data
RT Ges Fuer Reaktorsicherheit
RT Reactor Safety

REACTOR MAINTENANCE [01]
BT1 Maintenance
RT In-Service Inspection
RT Inspection
RT Reactor Operation
RT Repair

REACTOR MATERIALS [01]
(To be assigned in conjunction with the specific descriptor for the material used in a reactor, provided this descriptor is not yet up-posted to reactor materials.)
NT1 Matrix Materials
NT1 Nuclear Fuels
NT2 Alloy Nuclear Fuels
NT2 Denatured Fuel
NT2 Dispersion Nuclear Fuels
NT2 Fuel Solutions
NT2 Liquid Metal Fuels
NT2 Molten Salt Fuels
NT2 Spent Fuels
NT1 Nuclear Poisons
NT2 Burnable Poisons
NT2 Fission Poisons
NT2 Soluble Poisons
RT Coolants
RT Moderators
RT Neutron Absorbers
RT Reactor Components
RT Shielding Materials

REACTOR NOISE [01]
UF *Noise (Reactor)*
RT Correlation Functions
RT Reactor Kinetics
RT Variations

REACTOR OPERATION [01]
UF *Operation (Reactor)*
BT1 Operation
RT Fuel Element Failure
RT Reactor Accidents
RT Reactor Fueling
RT Reactor Instrumentation
RT Reactor Maintenance
RT Reactor Shutdown
RT Reactor Start-Up
RT Repair

REACTOR OSCILLATORS [01]
UF *Oscillators (Reactor)*
RT Pile Oscillation Techniques

REACTOR PERIOD [01]
UF *Period (Reactor)*
RT Reactor Kinetics
RT Rossi Alpha Method

REACTOR PHYSICS [01]
(Use only for indexing articles of very broad coverage, such as annual reviews, text book, etc.)
DA May 1979
BT1 Physics
RT Neutron Slowing-Down Theory
RT Neutron Transport Theory
RT Reactor Kinetics
RT Reactor Lattice Parameters
RT Reactor Safety

REACTOR POISON REMOVAL [01]
UF *Removal (Reactor Poison)*
BT1 Removal
RT Nuclear Poisons
RT Samarium Oscillations
RT Xenon Oscillations

REACTOR PROTECTION SYSTEMS [01]
NT1 ECCS
NT2 Core Flooding Systems
NT2 Core Spray Systems
NT2 HPCI
NT2 LPCI
NT1 Reactor Core Restraints
RT Engineered Safety Systems
RT Equipment Protection Devices
RT Reactor Instrumentation
RT Reactor Safety
RT Scram
RT Systems Analysis

REACTOR SAFETY [01]
UF *Safety (Reactor)*
BT1 Safety
RT Accidents
RT Bethe-Tait Method
RT Boiling Detection
RT Condensation Chambers
RT Containment
RT Containment Spray Systems
RT Criticality
RT Depressurization
RT Fuel Densification
RT Fuel Element Failure
RT Ges Fuer Reaktorsicherheit
RT Hot Channel Factor
RT Hot Spot Factor
RT HPCI
RT LPCI
RT Maximum Credible Accident
RT Pressure Release
RT Pressure Suppression
RT Radiation Protection
RT Reactor Accidents
RT Reactor Core Restraints
RT Reactor Instrumentation
RT Reactor Licensing
RT Reactor Physics
RT Reactor Protection Systems
RT Reactor Technology
RT Reactors
RT Reliability
RT Safety Engineering
RT Safety Standards
RT Site Selection
RT Systems Analysis
DEF Theoretical and experimental investigations of the behavior of reactor types and designs under various real or hypothetical accidents.

REACTOR SAFETY EXPERIMENTS [01]
NT1 Containment Mockup Facility

NT1 Containment Research Installation
NT1 Containment Systems Experiment
NT1 Nuclear Safety Pilot Plant
RT ECCS

REACTOR SAFETY FUSES [01]
UF *Fuses (Reactor Safety)*
BT1 Reactor Components
RT Reactor Control Systems
RT Scram

REACTOR SHUTDOWN [01]
UF *Shutdown (Reactor)*
BT1 Shutdowns
NT1 Scram
RT After-Heat
RT Reactor Instrumentation
RT Reactor Operation
RT Residual Power

REACTOR SIMULATORS [01]
UF *Simulators (Reactor)*
BT1 Simulators
BT2 Analog Systems
BT2 Functional Models
RT Reactor Kinetics

REACTOR SITES [01]
UF *Sites (Reactor)*
RT Environment
RT Offshore Nuclear Power Plants
RT Offshore Sites
RT Site Selection

Reactor Siting
USE Site Selection

REACTOR STABILITY [01]
UF *Stability (Reactor)*
RT Frequency Response Testing
RT Nonlinear Problems
RT Nyquist Diagrams
RT Reactor Kinetics
RT Transfer Functions

REACTOR START-UP [01]
UF *Start-Up (Reactor)*
BT1 Start-Up
RT Reactor Operation
RT Thermonuclear Ignition

REACTOR TECHNOLOGY [01]
DA October 1975
RT Nuclear Engineering
RT Reactor Safety
RT Reactors

Reactor Thermal Columns
USE Thermal Columns

Reactor Venezolano-1
USE RV-1 Reactor

REACTOR VESSELS [01]
(For nonpressurized containers of reactor cores and associated components specifically for sodium cooled reactors.)
UF *Vessels (Reactor)*
BT1 Containers

REACTORS [01]
UF *Nuclear Reactors*
*NT1 Breeder Reactors
NT1 Desalination Reactors
NT2 BN-350 Reactor
NT1 Dust Cooled Reactors
*NT1 Enriched Uranium Reactors
*NT1 Epithermal Reactors
*NT1 Fluid Fueled Reactors
NT1 Fog Cooled Reactors
*NT1 Gas Cooled Reactors
*NT1 Graphite Moderated Reactors
*NT1 Heavy Water Cooled Reactors
*NT1 Heavy Water Moderated Reactors
*NT1 Homogeneous Reactors
*NT1 Hydride Moderated Reactors
*NT1 Irradiation Reactors
*NT1 Liquid Metal Cooled Reactors
*NT1 Metal Moderated Reactors
*NT1 Mixed Spectrum Reactors
*NT1 Mobile Reactors
*NT1 Molten Salt Reactors
*NT1 Natural Uranium Reactors
*NT1 Organic Cooled Reactors
*NT1 Organic Moderated Reactors
*NT1 Plutonium Reactors
*NT1 Power Reactors
*NT1 Pressure Tube Reactors
*NT1 Process Heat Reactors
*NT1 Production Reactors
*NT1 Propulsion Reactors
*NT1 Pulsed Reactors
*NT1 Research and Test Reactors
NT1 Steam Cooled Reactors
*NT1 Tank Type Reactors
*NT1 Thermal Reactors
*NT1 Thorium Reactors
*NT1 Transportable Reactors
*NT1 Water Cooled Reactors
*NT1 Water Moderated Reactors
RT Criticality
RT Excursions
RT Fission
RT Fission Products
RT Fuel Elements
RT Hybrid Reactors
RT Nuclear Engineering
RT Nuclear Fuels
RT Reactor Safety
RT Reactor Technology
RT Spent Fuels

READOUT SYSTEMS [01]
RT Data Acquisition Systems
RT Recording Systems

REAGENTS [01]
SF *Chemicals*
NT1 Acetylacetone
NT1 Alizarin
NT1 Aluminon
NT1 Amidol
NT1 Arsenazo
NT1 Bromosulfophthalein
NT1 Cupferron
NT1 Dimethylglyoxime
NT1 Dithiols
NT2 BAL
NT2 Unithiol
NT1 Dithizone
NT1 Evans Blue
NT1 Ferroin
NT1 Ferron
NT1 Furildioxime
NT1 Morin
NT1 Murexide
NT1 Ninhydrin
NT1 1-Nitroso-2-Naphthol
NT1 Phenanthroline-Ortho
NT1 Pyridylazoresorcinol
NT1 Rhodamines
NT1 Rhodizonic Acid
NT1 Rose Bengal
NT1 Sensitizers
NT1 Starch
NT1 Thionalide
NT1 Thorin
NT1 Tiron
RT Reducing Agents

REAKTORSICHERHEITSKOMMISSION [01]
DA March 1978
BT1 German FR Organizations
BT2 National Organizations

REAL TIME SYSTEMS [01]
RT Analog Systems
RT Computers
RT Control Systems
RT MWD Systems
RT On-Line Control Systems
RT On-Line Systems
RT Process Computers
RT Transfer Functions

REARING [01]
NT1 Mass Rearing
RT Animal Growth
RT Diet
RT Domestic Animals
RT Insects
RT Nutrition

Reattore Bologna-1
USE RB-1 Reactor

Reattore Bologna-2
USE RB-2 Reactor

Reattore Bologna-3
USE RB-3 Reactor

Reattore Casaccia-1
USE TRIGA-2-Rome Reactor

Reattore Casaccia-4
USE RITMO Reactor

Reattore Organico Sperimentale Potenza Zero
USE ROSPO Reactor

RECEPTORS [01]
DA July 1978
RT Biochemistry
RT Central Nervous System
RT Endocrine Glands
RT Enzymes
RT Hormones
RT Immunity
RT Nerve Cells
RT Sense Organs

RECESSIVE MUTATIONS [01]
BT1 Mutations

RECHARGE
DA May 1976
UF *Groundwater Recharge*
RT Ground Water
DEF The processes involved in the absorption and addition of water to the zone of saturation.

Reciprocal Translocations
USE Chromosomal Aberrations

RECIPROCAL V LAW [01]
DA October 1975
UF *1/V Law*
RT Cross Sections

RECKLINGHAUSEN REACTOR [01]
BT1 Power Reactors
BT2 Reactors

Recoil Chemistry
USE Hot Atom Chemistry

RECOILLESS FRACTION
DA January 1975
RT Moessbauer Effect

RECOILS [01]
RT Chemical State
RT Delta Rays
RT Fission
RT Hot Atom Chemistry
RT Knock-On
RT Knock-Out Reactions
RT Proton Detection
RT Proton Recoil Detectors
RT Radiation Effects
RT Reaction Product Transport Systems

RECOMBINATION [01]
(Of electrons, holes, ions, radicals or atoms.)
UF *Neutralization (Physical)*
RT Electron Capture
RT Radiation Chemistry

Recombination (Genetic)
USE Gene Recombination

RECOMBINERS [01]
RT Reactor Cooling Systems
RT Water

RECOMMENDATIONS [01]
UF *Guidelines*

UF *Radiation Protection Guides*
RT Agreements
RT Compliance
RT IAEA
RT ICRP
RT ICRU
RT Inspection
RT ISO
RT Legal Aspects
RT Licensing
RT Manuals
RT Radiation Protection
RT Reference Man
RT Regulations
RT Regulatory Guides
RT Research Programs
RT Safety Standards
RT SOLAS Convention

Recorded Information
USE Information

RECORDING SYSTEMS [01]
RT Counting Techniques
RT Data Acquisition
RT Data Acquisition Systems
RT Data Processing
RT Electrocardiograms
RT Electronic Equipment
RT Measuring Instruments
RT Readout Systems

Records Retrieval
USE Information Retrieval

RECOVERY
DA February 1975
NT1 Biological Recovery
NT2 Biological Regeneration
NT2 Biological Repair
NT3 Host-Cell Reactivation
NT3 Photoreactivation
NT2 Healing
NT2 Liquid Holding Recovery
NT1 Energy Recovery
NT2 Heat Recovery
NT1 Materials Recovery
NT1 Primary Recovery
NT1 Seed Recovery
NT1 Tritium Recovery
RT By-Products

Recovery (Biological)
USE Biological Recovery

Recovery (Tritium)
DA September 1975
USE Tritium Recovery

RECREATIONAL AREAS
DA June 1977
RT Aesthetics
RT Land Use
RT Recreational Vehicles

RECREATIONAL VEHICLES
DA July 1979
BT1 Vehicles
RT Recreational Areas

RECRYSTALLIZATION [01]
RT Annealing
RT Crystallization
RT Grain Growth
RT Heat Treatments

RECTAL ADMINISTRATION [01]
DA August 1976
BT1 Intake
RT Intestinal Absorption
RT Uptake

RECTANGULAR CONFIGURATION [01]
BT1 Configuration
NT1 Square Configuration

RECTENNAS
DA February 1975
BT1 Antennas
BT2 Electrical Equipment
BT3 Equipment
RT Microwave Power Transmission
DEF A device that converts microwave energy in direct-current power.

RECTIFIER TUBES [01]
BT1 Electron Tubes
BT1 Rectifiers
BT2 Electrical Equipment
BT3 Equipment
NT1 Capacitrons
NT1 Ignitrons
RT Thyratrons

RECTIFIERS [01]
BT1 Electrical Equipment
BT2 Equipment
NT1 Rectifier Tubes
NT2 Capacitrons
NT2 Ignitrons
NT1 Semiconductor Rectifiers
RT Thyristors

RECTISOL PROCESS
DA January 1975
RT Desulfurization
DEF Process using methanol as solvent for removal of CO_2, H_2S, NH_3, HCN, gum formers, higher hydrocarbons, and other impurities from crude gas produced by coal gasification for syngas or SNG manufacture; removal of H_2S, COS and CO_2 from reformed gas, in particular from gas produced by partial oxidation of hydrocarbons, to yield synthesis gas; and integration of gas purification with low-temperature plants (liquefaction and fractionation) for removal of moderate contents of acidic components.

RECTUM [01]
BT1 Large Intestine
BT2 Intestines
BT3 Gastrointestinal Tract
BT4 Digestive System
BT3 Organs
BT4 Body
RT Feces
RT Pelvis
RT Proctitis

RECURSION RELATIONS [01]
RT Differential Equations
RT Functions

Recycle (Fuel)
USE Fuel Cycle

RECYCLING
DA November 1975
RT Energy Conservation
RT Materials Recovery
RT Resource Conservation
RT Scrap
RT Waste Oils

Recycling (Fuel)
USE Reprocessing

RED DWARF STARS [01]
BT1 Dwarf Stars
BT2 Stars

RED GIANT STARS [01]
BT1 Giant Stars
BT2 Stars
RT Helium Burning

RED SEA [01]
BT1 Seas
BT2 Surface Waters
NT1 Gulf of Suez
RT Egyptian Arab Republic
RT Ethiopia
RT Sudan

RED SHIFT [01]
DA December 1975
RT Astrophysics
RT Cosmology
RT Doppler Effect
RT Einstein Effect
RT Hubble Effect

REDOX FUEL CELLS
DA August 1975
BT1 Regenerative Fuel Cells
BT2 Fuel Cells
BT3 Direct Energy Converters
BT3 Electrochemical Cells
RT Off-Peak Energy Storage

REDOX POTENTIAL [01]
RT Oxidation
RT Potentiometry
RT Reduction
RT Valence

REDOX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Ascorbic Acid
RT Coenzymes
RT Cytochromes
RT Oxidoreductases
RT Solvent Extraction

REDOX REACTIONS
DA May 1975
BT1 Chemical Reactions
RT Oxidation
RT Reduction

REDUCING AGENTS
DA September 1976
RT Reagents
RT Reduction

Reductases
USE Oxidoreductases

REDUCTION [01]
(For chemical reactions only.)
UF *Deoxidation*
UF+ *Disproportionation*
BT1 Chemical Reactions
NT1 Bomb Reduction
NT1 Thermite Process
RT Jones Reductor
RT Kroll Process
RT Methanation
RT Oxidation
RT Oxidoreductases
RT Pyrometallurgy
RT Redox Potential
RT Redox Reactions
RT Reducing Agents

REDUCTIVE EXTRACTION [01]
BT1 Separation Processes
RT Molten Salt Reactors

Reductive Perturbation Method
DA June 1975
USE Perturbation Theory

REDWING PROJECT [01]
RT Nuclear Weapons

REED COLLEGE TRIGA-1 REACTOR [01]
UF *TRIGA Reed College Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors

BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

REENTRY [01]
UF *Re-Entry*
RT Ablation
RT Aerodynamics
RT Missiles
RT Nose Cones
RT Oil Wells
RT Parachutes
RT Plasma Sheath
RT Rockets
RT Space Flight
RT Space Vehicles

REENTRY VEHICLES
DA December 1975
BT1 Space Vehicles
RT Missiles

REFERENCE MAN [01]
UF *Standard Man*
RT Adults
RT ICRP
RT Man
RT Radiation Protection
RT Recommendations

REFERENCE THETA PINCH REACTOR [01]
DA February 1975
BT1 Thermonuclear Reactors
RT Toroidal Theta Pinch Devices

Refinement (Grain)
USE Grain Refinement

REFINERY GASES
(Boiling point range -160 to 0°C.)
DA January 1976
BT1 Gases
BT2 Fluids
BT1 Petroleum Fractions
BT2 Petroleum
BT3 Fossil Fuels
BT4 Energy Sources
BT4 Fuels
BT1 Petroleum Products
RT Fuel Gas
RT Natural Gas
RT Petroleum Refineries

REFINING [01]
BT1 Processing
NT1 Electrorefining
NT1 Zone Refining
RT Chloride Volatility Process
RT Dewaxing
RT Enrichment
RT Extractive Metallurgy
RT Fluoride Volatility Process
RT Ore Processing
RT Petroleum Products
RT Purification
RT Separation Processes
RT Sublimation

REFLECTION [01]
NT1 Bragg Reflection
NT1 Optical Reflection
RT Albedo
RT Backscattering
RT Greenhouse Effect
RT Mirrors
RT Parabolic Reflectors

REFLECTIVE COATINGS
DA February 1979
BT1 Coatings
RT Antireflection Coatings
RT Heat Mirrors

REFLECTIVITY
DA January 1975
BT1 Optical Properties
BT2 Physical Properties
BT1 Surface Properties
RT Spectral Reflectance
RT Visible Radiation

REFLECTOR SAVINGS [01]
RT Configuration Control
RT Critical Mass
RT Critical Size
RT Criticality
RT Neutron Reflectors
DEF A measure of the decrease in the critical size of a reactor as a consequence of the reflector.

Reflectors (Neutron)
USE Neutron Reflectors

REFLEXES [01]
NT1 Conditioned Reflexes
RT Behavior
RT Nerves
RT Nervous System
RT Sense Organs
RT Spinal Cord

REFORMER PROCESSES
DA August 1975
BT1 Chemical Reactions
NT1 Catalytic Reforming
NT1 Steam Reformer Processes
NT2 Segas Process
RT Hydrogen Production
RT JGC Methane-Rich Gas Process

REFRACTALOY [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

REFRACTION [01]
NT1 Birefringence
RT Fresnel Coefficient
RT Optical Dispersion
RT Optical Properties
RT Refractivity
RT Schlieren Method
RT Wave Propagation

Refractive Index
DA September 1975
USE Refractivity

REFRACTIVITY
DA September 1975
UF *Refractive Index*
BT1 Optical Properties
BT2 Physical Properties
RT Refraction
RT Visible Radiation

REFRACTORIES [01]
RT Ablation
RT Asbestos
RT Ceramics
RT Cermets
RT Graphite
RT Heat Resisting Alloys
RT Refractory Metals

REFRACTORY METALS
DA June 1977
BT1 Metals
BT2 Elements
NT1 Hafnium
NT2 Hafnium-Alpha
NT2 Hafnium-Beta
NT1 Iridium
NT1 Molybdenum
NT1 Niobium
NT2 Niobium-Alpha
NT2 Niobium-Beta
NT1 Osmium
NT1 Rhenium
NT2 Rhenium Silicides
NT1 Rhodium
NT1 Ruthenium
NT1 Tantalum
NT1 Technetium
NT1 Tungsten
RT Heat Resisting Alloys
RT Refractories

REFRIGERANTS [01]
DA November 1977
NT1 Freons
RT Ammonia
RT Halogenated Aliphatic Hydrocarbons
RT Hydrocarbons
RT Refrigeration

REFRIGERATING MACHINERY
DA November 1975
NT1 Helium Dilution Refrigerators
NT1 Refrigerators
NT2 Magnetic Refrigerators
NT2 Solar Refrigerators
NT2 Thermoelectric Refrigerators
RT Absorption Refrigeration Cycle
RT Air Conditioners
RT Coefficient of Performance
RT Cooling Systems
RT Refrigeration
RT Vapor Compression Refrigeration Cycle

REFRIGERATION [01]
BT1 Cooling
NT1 Geothermal Refrigeration
NT1 Helium Dilution Refrigeration
NT1 Solar Refrigeration
RT Absorption Refrigeration Cycle
RT Heat Pumps
RT Refrigerants
RT Refrigerating Machinery
RT Refrigerators
RT Vapor Compression Refrigeration Cycle

REFRIGERATORS
DA October 1975
BT1 Electric Appliances
BT2 Appliances
BT1 Refrigerating Machinery
NT1 Magnetic Refrigerators
NT1 Solar Refrigerators
NT1 Thermoelectric Refrigerators
RT Absorption Refrigeration Cycle
RT Coefficient of Performance
RT Freezers
RT Helium Dilution Refrigeration
RT Refrigeration
RT Vapor Compression Refrigeration Cycle

Refueling Water Systems
DA January 1975
USE Auxiliary Water Systems

Refuse
USE Solid Wastes

REFUSE DERIVED FUELS
DA November 1976
UF *RDF*
BT1 Fuels
RT Industrial Wastes
RT Municipal Wastes
RT Refuse-Fueled Power Plants
RT Resource Recovery Facilities
RT Solid Wastes
RT Synthetic Fuels
DEF Fuels prepared from solid municipal or industrial wastes by removing all non-combustible materials, shredding to a desired size, and possibly pelleting or briquetting.

REFUSE-FUELED BOILERS
DA May 1979

UF *Waste-Fueled Boilers*
BT1 Boilers
RT Refuse-Fueled Power Plants

REFUSE-FUELED POWER PLANTS
DA March 1979
UF *Waste-Fueled Power Plants*
BT1 Thermal Power Plants
BT2 Power Plants
RT Co-Generation
RT Dual-Purpose Power Plants
RT Power Generation
RT Refuse Derived Fuels
RT Refuse-Fueled Boilers
RT Resource Recovery Facilities
RT Steam Generation

Regenerating Liver
USE Biological Regeneration

REGENERATION
DA January 1975
RT Heat Storage
RT Solar Heat Engines
RT Stirling Engines

Regeneration (Biological)
USE Biological Regeneration

REGENERATIVE BRAKING
DA March 1976
RT Brakes
RT Electric-Powered Vehicles

REGENERATIVE FUEL CELLS
DA January 1975
BT1 Fuel Cells
BT2 Direct Energy Converters
BT2 Electrochemical Cells
NT1 Redox Fuel Cells

REGENERATORS
DA January 1975
NT1 Solar Regenerators
RT Heat Storage
RT Solar Heat Engines
RT Stirling Engines

REGGE CALCULUS [01]
RT General Relativity Theory
RT Mathematics

REGGE CUTS [01]
RT Regge Poles

REGGE POLES [01]
RT ABFST Equation
RT Conspiracy Relations
RT Exchange Degeneracy
RT Linear Absorption Models
RT Lorentz Poles
RT Pomeranchuk Particles
RT Pomeranchuk Poles
RT Quantum Field Theory
RT Regge Cuts
RT Regge Trajectories
RT Scattering Amplitudes
RT Van Hove Model

REGGE TRAJECTORIES [01]
RT Regge Poles

Region I
DA July 1978
USE North Atlantic Region

Region II
DA July 1978
USE Mid-Atlantic Region
AND Puerto Rico

Region III
DA July 1978
USE Central Region

Region IV
DA July 1978
USE Southeast Region

Region IX
DA July 1978
USE Western Region

Region V
DA July 1978
USE Great Lakes Region

Region VI
DA July 1978
USE Southwest Region

Region VII
DA July 1978
USE Midwest Region

Region VIII
DA July 1978
USE Rocky Mountain Region

Region X
DA July 1978
USE Pacific Northwest Region

REGIONAL ANALYSIS [01]
DA May 1975
RT Ecology
RT Economic Analysis
RT Economics
RT Environment
RT Fallout
RT Human Populations
RT Input-Output Analysis
RT Regional Cooperation
RT Rocky Mountain Region
RT Sociology
DEF Evaluation of the characteristics of a region and their economic, ecological, or social implications.

REGIONAL COOPERATION
DA April 1978
RT Decision Making
RT Energy Policy
RT Management
RT Planning
RT Regional Analysis

Regolith
DA February 1976
SEE Overburden

REGRESSION ANALYSIS
DA May 1979
BT1 Statistics
BT2 Mathematics
RT Correlations
RT Economic Analysis
RT Forecasting

REGULATING RODS [01]
UF *Fine Control Rods*
BT1 Control Elements
BT2 Reactor Components
RT Neutron Absorbers

REGULATIONS [01]
NT1 Contamination Regulations
NT2 Maximum Acceptable Contamination
NT1 International Regulations
NT2 OECD MCMSDRW
NT1 Packaging Rules
NT1 Pollution Regulations
NT1 Safeguard Regulations
NT1 Transport Regulations
RT AFUDC
RT Agreements
RT Building Codes
RT Compliance
RT Consumer Protection
RT Deregulation
RT Enforcement
RT Horizontal Divestiture
RT Implementation
RT ISO
RT Land Leasing
RT Laws
RT Legal Aspects
RT Legal Incentives
RT Legislation
RT Licensing
RT Local Government
RT National Government
RT Radiation Protection
RT Recommendations
RT Regulatory Guides
RT Resource Recovery Acts
RT Safety Standards
RT SOLAS Convention
RT State Government
RT US FERC
RT Vertical Divestiture

Regulators (Voltage)
USE Voltage Regulators

REGULATORY GUIDES [01]
(Should be used to index all pieces of literature which are regulatory guides.)
BT1 Document Types
RT Legal Aspects
RT Recommendations
RT Regulations
RT US AEC

REICH-MOORE FORMULA [01]
RT Nuclear Reactions
RT Resonance

REID POTENTIAL [01]
BT1 Nucleon-Nucleon Potential
BT2 Potentials
RT Nucleon-Nucleon Interactions

Reindeer
USE Deer

REINFORCED CONCRETE [01]
BT1 Concretes
BT2 Building Materials
BT3 Materials
BT1 Reinforced Materials
BT2 Materials
RT Concrete Stringers

REINFORCED MATERIALS [01]
BT1 Materials
NT1 Reinforced Concrete
NT1 Reinforced Plastics
RT Building Materials
RT Composite Materials

REINFORCED PLASTICS [01]
BT1 Reinforced Materials
BT2 Materials

REINJECTION
(Reinjection of water into the aquifier where it originated.)
DA March 1977
RT Injection Wells
RT Liquid Wastes
RT Underground Disposal
RT Waste Disposal
RT Waste Water

REINLUFT PROCESS
DA February 1975
UF *Mining Research Method*
RT Desulfurization
RT Waste Processing
DEF Reduction of emission of oxides of S from coal by adsorption of SO_2 on activated char at 300°F, followed by cooling of flue gas to 220°F where SO_2 is oxidized to SO_3 which is then adsorbed on char; SO_3 combines with adsorbed H_2O forming H_2SO_4.

Relative Biological Effectiveness
USE RBE

RELATIVISTIC BEAM INJECTION [01]
BT1 Beam Injection

RELATIVISTIC PLASMA [01]
BT1 Plasma

RELATIVISTIC RANGE [01]
BT1 Energy Range
RT Relativity Theory

RELATIVITY THEORY [01]
UF *Special Relativity Theory*
BT1 General Relativity Theory
BT2 Field Theories
RT Cosmology
RT Dirac Equation
RT Galilei Transformations
RT Joos-Weinberg Equation
RT Light Cone
RT Lorentz Invariance
RT Lorentz Transformations
RT Massless Particles
RT Metrics
RT Negative Mass
RT Relativistic Range
RT Rest Mass
RT Space-Time

RELAXATION [01]
NT1 Spin-Lattice Relaxation
NT1 Spin-Spin Relaxation
RT De-Excitation
RT Relaxation Losses

Relaxation (Stress)
USE Stress Relaxation

RELAXATION LOSSES [01]
BT1 Energy Losses
BT2 Losses
RT Dielectric Properties
RT Dipoles
RT Relaxation

RELAYS [01]
BT1 Electrical Equipment
BT2 Equipment
RT Equipment Protection Devices
RT Switches
RT Switching Circuits

RELEASE LIMITS [01]
DA June 1975
RT Radiation Hazards
RT Radioactive Wastes
RT Stack Disposal

RELIABILITY [01]
RT Accuracy
RT Amoeba Effect
RT Errors
RT Failure Mode Analysis
RT Failures
RT Hazards
RT Outages
RT Performance
RT Quality Assurance
RT Quality Control
RT Radiation Protection
RT Reactor Safety
RT Specifications
RT Systems Analysis

RELIEF VALVES
DA June 1975
UF *Rupture Disks*
BT1 Valves
BT2 Flow Regulators
BT3 Control Equipment
BT4 Equipment

Relieving (Stress)
USE Stress Relaxation

Rem
USE Dose Equivalents
AND Radiation Dose Units

REMERSCHEN REACTOR [01]
DA September 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

REMOTE AREAS
DA June 1978
UF *Isolated Locations*
RT Rural Areas

REMOTE CONTROL [01]
BT1 Control
RT Hydraulic Control Devices
RT Remote Handling
RT Servomechanisms

REMOTE HANDLING [01]
RT Automation
RT Distance
RT Gloveboxes
RT Hot Cells
RT Hot Labs
RT Manipulators
RT Materials Handling
RT Periscopes
RT Radiation Protection
RT Reactor Charging Machines
RT Reactor Fueling
RT Remote Control
RT Remote Handling Equipment
RT Sample Changers
RT Sample Holders
RT Work

REMOTE HANDLING EQUIPMENT [01]
NT1 Manipulators
RT Auxiliary Systems
RT Hot Cells
RT Laboratory Equipment
RT Remote Handling
RT Remote Viewing Equipment

REMOTE MULTIPLEXING SYSTEMS
DA January 1978
RT Multiplexers
RT On-Line Control Systems
DEF Systems for the remote transmission of data and control signals in power plants or process equipment.

REMOTE SENSING [01]
DA January 1975
RT Exploration
RT Optical Radar

REMOTE VIEWING EQUIPMENT [01]
RT Hot Cells
RT Laboratory Equipment
RT Optical Systems
RT Remote Handling Equipment
RT Television

REMOVAL
DA January 1975
NT1 After-Heat Removal
NT1 Reactor Poison Removal
NT1 Water Removal
RT Deashing
RT Fission Product Release
RT Separation Processes

Removal (After-Heat)
USE After-Heat Removal

Removal (Reactor Poison)
USE Reactor Poison Removal

RENAL CLEARANCE [01]
UF *Clearance (Renal)*
BT1 Excretion
BT2 Clearance
RT Glomeruli
RT Kidneys
RT Metabolism
RT Tubules

RENE 41 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

RENE 80
DA December 1978
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

RENE 95 [01]
DA February 1976
BT1 Aluminium Alloys
BT2 Alloys
BT1 Carbon Additions
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

RENE-100
DA December 1978
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

RENEWABLE ENERGY SOURCES
DA September 1977
BT1 Energy Sources
NT1 Biomass
NT1 Geothermal Energy
NT1 Hydroelectric Power
NT1 Solar Energy
NT1 Tidal Power
NT1 Wave Power
NT1 Wind Power
RT Appropriate Technology
RT Plants
RT Renewable Resources

RENEWABLE RESOURCES
DA December 1978
BT1 Resources
RT Biomass
RT Materials
RT Organic Compounds
RT Photosynthesis
RT Renewable Energy Sources
DEF Organic compounds currently produced by photosynthesis or derived from products of photosynthesis that are utilized by man in the form of plant or animal products.

RENIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Blood Pressure
RT Kidneys

RENORMALIZATION [01]
NT1 Charge Renormalization
NT1 Mass Renormalization
RT Quantum Field Theory

RENSSELAER CRITICAL FACILITY [01]
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

REPAIR [01]
NT1 Biological Repair
NT2 Host-Cell Reactivation
NT2 Photoreactivation
RT Maintenance
RT Reactor Maintenance
RT Reactor Operation

Repair (Biological)
USE Biological Repair

Repair Pathways
DA December 1978
USE Biological Pathways

REPLICA TECHNIQUES [01]
RT Ceramography
RT Replicas

REPLICAS [01]
RT Electron Microscopes
RT Electron Microscopy
RT Replica Techniques

Representations (Irreducible)
USE Irreducible Representations

Representations (Nonunitary)
USE Nonunitary Representations

Repressuring
DA July 1976
USE Pressurizing

REPROCESSING [01]
UF *Fuel Reprocessing*
UF *Recycling (Fuel)*
BT1 Separation Processes
NT1 AMEX Process
NT1 Arco Process
NT1 Butex Process
NT1 Chloride Volatility Process
NT1 CIVEX Process
NT1 CSREX Process
NT1 Dapex Process
NT1 Darex Process
NT1 EUREX Process
NT1 Excer Process
NT1 Fluoride Volatility Process
NT1 Fluorox Process
NT1 Flurex Process
NT1 Hermex Process
NT1 Monex Process
NT1 Neptex Process
NT1 Niflex Process
NT1 Purex Process
NT2 Halex Process
NT2 Saltex Process
NT1 Redox Process
NT1 Sulfex Process
NT1 Thermox Process
NT1 Thorex Process
NT1 Tramex Process
NT1 Zircex Process
NT1 Zirflex Process
RT Decladding
RT Denitration
RT Eurochemic
RT Fuel Cycle
RT Fuel Reprocessing Plants
RT Head End Processes
RT Iodox Process
RT Nuclear Materials Management
RT Process Control
RT Sol-Gel Process
RT Solvent Extraction
RT Spent Fuel Elements
RT WAK
RT Zone Refining

REPRODUCTION [01]
UF *Parthenogenesis*
RT Adults
RT Embryos
RT Female Genitals
RT Fertility
RT Fertilization
RT Flowers
RT Gonads
RT Life Cycle
RT Male Genitals
RT Mating
RT Mutations
RT Oogenesis
RT Ovulation
RT Physiology
RT Plant Breeding
RT Pollen
RT Population Dynamics
RT Pregnancy
RT Progeny
RT Reproductive Disorders
RT Sex
RT Spermatogenesis
RT Spores
RT Vegetative Propagation
RT Viability
RT Zygotes

REPRODUCTIVE DISORDERS [01]
BT1 Urogenital System Diseases
BT2 Diseases
RT Abortion
RT Castration
RT Fertility
RT Menstruation Disorders
RT Pregnancy
RT Reproduction
RT Sterility

REPTILES [01]
BT1 Vertebrates
BT2 Animals
NT1 Alligators
NT1 Lizards
NT1 Snakes
NT1 Turtles

Republic of China
DA November 1977
USE Taiwan

REPUBLIC OF KOREA [01]
UF *Korea (South)*
UF *South Korea*
BT1 Asia

Republic of Zaire
USE Zaire Republic

RER REACTOR [01]
UF *Dawsonville Lockheed RER*
UF *Radiation Effects Reactor Lockheed*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

RESCATTERING [01]
BT1 Scattering
RT Nuclear Reaction Kinetics
RT Nuclear Reactions
RT Strong Interactions

RESCUE OPERATIONS
DA September 1978
NT1 Mine Rescue

RESEARCH AND TEST REACTORS [01]
BT1 Reactors
*NT1 Argonaut Type Reactors
*NT1 Experimental Reactors
NT1 Kalpakkam PFR Reactor
NT1 Maria Reactor
NT1 Nuclear Furnace Reactor
NT1 RA-5 Reactor
*NT1 Research Reactors
NT1 Super Kukla Reactor
*NT1 Test Reactors
*NT1 Training Reactors
*NT1 TRIGA Type Reactors
NT1 Yayoi Reactor

RESEARCH PROGRAMS [01]
(To be used jointly with descriptor(s) for subject field and/or organization concerned.)
NT1 Coordinated Research Programs
NT2 IFIP
RT Demonstration Programs
RT Experiment Planning
RT Grants
RT Information Needs
RT Planning
RT Recommendations
RT Reviews

RESEARCH REACTORS [01]
BT1 Research and Test Reactors
BT2 Reactors
NT1 AARR Reactor
NT1 ACPR Reactor
NT1 AE-6 Reactor
NT1 AEG-PR-10 Reactor
NT1 Aerojet-General Nucleonics Reactors
NT2 AGN-201 Reactor Series
NT3 AGN-201M-105 Reactor
NT3 AGN-201M-112 Reactor
NT3 AGN-201P-103 Reactor
NT3 AGN-201P-111 Reactor
NT3 AGN-201-100 Reactor
NT3 AGN-201-101 Reactor
NT3 AGN-201-102 Reactor
NT3 AGN-201-104 Reactor
NT3 AGN-201-106 Reactor
NT3 AGN-201-107 Reactor
NT3 AGN-201-108 Reactor
NT3 AGN-201-109 Reactor
NT3 AGN-201-110 Reactor
NT3 AGN-201-113 Reactor
NT3 AGN-201-114 Reactor
NT2 AGN-211 Reactor Series
NT3 AGN-211P-100 Reactor
NT3 AGN-211-101 Reactor
NT3 AGN-211-102 Reactor
NT3 AGN-211-103 Reactor
NT2 AGNIR Reactor
NT1 AFRRI Reactor
NT1 AFSR Reactor
NT1 Agata Reactor
NT1 AHCF Reactor
NT1 AHR Reactor
NT1 AI-L-77 Reactor
NT1 ALRR Reactor
NT1 AMRR Reactor
NT1 APRF Reactor
NT1 Apsara Reactor
NT1 ARBI Reactor
NT1 Argonaut Reactor
NT1 ARGOS Reactor

NT1 ARMF-1 Reactor
NT1 ARMF-2 Reactor
NT1 ARR Reactor
NT1 ASTRA Reactor
NT1 Athene Reactor
NT1 ATPR Reactor
NT1 ATSR Reactor
NT1 Avogadro RS-1 Reactor
NT1 BARN Reactor
NT1 BEPO Reactor
NT1 BER-1 Reactor
NT1 BER-2 Reactor
NT1 BGRR Reactor
NT1 BNL Reactor
NT1 BR-1 Reactor
NT1 BR-02 Reactor
NT1 BRR Reactor
NT1 BSR-1 Reactor
NT1 BSR-2 Reactor
NT1 BYU L-77 Reactor
NT1 Cabri Reactor
NT1 Cesar Reactor
NT1 Cesnef Reactor
NT1 Cirus Reactor
NT1 Clementine Reactor
NT1 Consort-2 Reactor
NT1 Coral-1 Reactor
NT1 CP-3M Reactor
NT1 CP-2 Reactor
NT1 CP-3 Reactor
NT1 CP-5 Reactor
NT1 CP-6 Reactor
NT1 Crocus Reactor
NT1 CWRR Reactor
NT1 Democritus Reactor
NT1 Dido Reactor
NT1 Diorit Reactor
NT1 DMTR Reactor
NT1 DORF Reactor
NT1 Dow TRIGA-Mk-1 Reactor
NT1 DR-1 Reactor
NT1 DR-2 Reactor
NT1 DR-3 Reactor
NT1 EBOR Reactor
NT1 EBR-1 Reactor
NT1 ECO Reactor
NT1 EER Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 EL-3 Reactor
NT1 EOCR Reactor
NT1 EOLE Reactor
NT1 ETR Reactor
NT1 ETRC Reactor
NT1 EWA Reactor
NT1 FBRF Reactor
NT1 FFTF Reactor
NT1 FIR-1 Reactor
NT1 FMRB Reactor
NT1 FNR Reactor
NT1 FR-0 Reactor
NT1 FR-2 Reactor
NT1 FRAN Reactor
NT1 FRF Reactor
NT1 FRG-1 Reactor
NT1 FRG-2 Reactor
NT1 FRJ-1 Reactor
NT1 FRJ-2 Reactor
NT1 FRM Reactor
NT1 FRN Reactor
NT1 FS-1 Reactor
NT1 Fursov Pile
NT1 Gleep Reactor
NT1 Grenoble Reactor
NT1 GSTR Reactor
NT1 GTRR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 Gulf TRIGA-Mk-3 Reactor
NT1 Harmonie Reactor
NT1 Hector Reactor
NT1 Herald Reactor
NT1 Hero Reactor
NT1 HEW-305 Reactor
NT1 HFBR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 HIFAR Reactor
NT1 HOR Reactor
NT1 Horace Reactor
NT1 HPRR Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 HTLTR Reactor
NT1 HTR Reactor
NT1 HYPO Reactor
NT1 IAN-R1 Reactor
NT1 IBR-2 Reactor
NT1 IBR-30 Reactor
NT1 IEA-ZPR Reactor
NT1 IEAR-1 Reactor
NT1 IRL Reactor
NT1 IRR-1 Reactor
NT1 IRR-2 Reactor
NT1 IRT-A Reactor
NT1 IRT-Accra Reactor
NT1 IRT-B Reactor
NT1 IRT-C Reactor
NT1 IRT-D Reactor
NT1 IRT-2000 Djakarta Reactor
NT1 IRT-E Reactor
NT1 IRT-F Reactor
NT1 IRT-M Reactor
NT1 IRT-2000 Moscow Reactor
NT1 IRT Reactor
NT1 IRT-Sofia Reactor
NT1 Isis Reactor
NT1 Ispra-1 Reactor
NT1 JANUS Reactor
NT1 Jason Reactor
NT1 JEEP-1 Reactor
NT1 JEEP-2 Reactor
NT1 JEN Reactor
NT1 JEN-1 Reactor
NT1 JEN-2 Reactor
NT1 JMTR Reactor
NT1 JRR-1 Reactor
NT1 JRR-2 Reactor
NT1 JRR-3 Reactor
NT1 JRR-4 Reactor
NT1 Juggernaut Reactor
NT1 Juno Reactor
NT1 King Reactor
NT1 KSTR Reactor
NT1 KUR Reactor
NT1 LFR Reactor
NT1 Lido Reactor
NT1 LIWB Reactor
NT1 LPR Reactor
NT1 LPTR Reactor
NT1 LTIR Reactor
NT1 Marius Reactor
NT1 Maryla Reactor
NT1 Melusine-1 Reactor
NT1 Merlin Reactor
NT1 Minerve Reactor
NT1 MITR Reactor
NT1 MNR Reactor
NT1 MOATA Reactor
NT1 MR Reactor
NT1 MRR Reactor
NT1 MURR Reactor
NT1 NBSR Reactor
NT1 NCSCR-1 Reactor
NT1 NCSCR-2 Reactor
NT1 NCSCR-3 Reactor
NT1 NCSCR-4 Reactor
NT1 Nero Reactor
NT1 Nestor Reactor
NT1 Nora Reactor
NT1 NRR Reactor
NT1 NRU Reactor
NT1 NRX Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NSRR Reactor
NT1 NTR Reactor
NT1 Osiris Reactor
NT1 OWR Reactor
NT1 PARR Reactor
NT1 PAT Reactor
NT1 PBR Reactor
NT1 PCTR Reactor
NT1 PRNC-L-77 Reactor
NT1 Proteus Reactor
NT1 PRTR Reactor
NT1 PSTR Reactor
NT1 PTR Reactor
NT1 Pulstar-Buffalo Reactor
NT1 Pulstar-Raleigh Reactor
NT1 PUR-1 Reactor
NT1 R-A Reactor
NT1 R-0 Reactor
NT1 R-1 Reactor
NT1 R-2 Reactor
NT1 R2-0 Reactor
NT1 RA-0 Reactor
NT1 RA-2 Reactor
NT1 RA-3 Reactor
NT1 RAKE-2 Reactor
NT1 Rana Reactor
NT1 RB-1 Reactor
NT1 Reed College TRIGA-1 Reactor
NT1 RER Reactor
NT1 RG-1M Reactor
NT1 RIEN-1 Reactor
NT1 RINSC Reactor
NT1 RITMO Reactor
NT1 Romashka Reactor
NT1 RPT Reactor
NT1 RTS-1 Reactor
NT1 RV-1 Reactor
NT1 SBR-1 Reactor
NT1 SBR-2 Reactor
NT1 SBR-5 Reactor
NT1 SCA Reactor
NT1 SERF Reactor
NT1 Slowpoke-Ottawa Reactor
NT1 Slowpoke-Toronto Reactor
NT1 SNEAK Reactor
NT1 SORA Reactor
NT1 SPERT-1 Reactor
NT1 SPR-2 Reactor
NT1 SPR-3 Reactor
NT1 SR-OA Reactor
NT1 SR-1 Reactor
NT1 SRRC-UTR-100 Reactor
NT1 Stanford Pool Reactor
NT1 STF Reactor
NT1 SUPO Reactor
NT1 SUSPOP Reactor
NT1 Swierk R-2 Reactor
NT1 Taiwan Research Reactor
NT1 Tapiro Reactor
NT1 TCA Reactor
NT1 Thetis Reactor
NT1 THOR Reactor
NT1 Tory-2A Reactor
NT1 Toshiba Reactor
NT1 TR Reactor
NT1 TR-1 Reactor
NT1 Triton Reactor
NT1 Trombay R-5 Reactor
NT1 TRR-1 Reactor
NT1 TSR-2 Reactor
NT1 TTR-1 Reactor
NT1 TTR-2 Reactor
NT1 UCNR Reactor
NT1 UFTR Reactor
NT1 UKNR Reactor
NT1 UMNE-1 Reactor
NT1 UMRR Reactor
NT1 Utah University Reactor
NT1 UTR-10-Kinki Reactor
NT1 UTRR Reactor
NT1 UVAR Reactor
NT1 UWRR Reactor
NT1 VERA Reactor
NT1 VIPER Reactor
NT1 VPI-UTR-10 Reactor
NT1 WRRR Reactor
NT1 WSUR Reactor
NT1 WTR Reactor
NT1 WWR-K-Alma-Ata Reactor
NT1 WWR-M-Kiev Reactor
NT1 WWR-M-Leningrad Reactor
NT1 WWR-2 Reactor
NT1 WWR-S-Baghdad Reactor
NT1 WWR-S-Bucharest Reactor
NT1 WWR-S-Cairo Reactor
NT1 WWR-S-Moscow Reactor
NT1 WWR-S-Obninsk Reactor
NT1 WWR-S-Prague Reactor
NT1 WWR-S-Tashkent Reactor
NT1 WWR-SM Rossendorf Reactor

NT1 WWR-Z Reactor
NT1 X-10 Reactor
NT1 ZEBRA Reactor
NT1 ZEEP Reactor
NT1 Zenith Reactor
NT1 Zerlina Reactor
NT1 ZPPR Reactor

RESERPINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Tranquilizers
BT2 Psychotropic Drugs
BT3 Drugs

Reserve Capacity
DA June 1977
USE Capacity

RESERVES [01]
DA January 1975
UF *Ore Reserves*
UF+ *Fossil Fuel Reserves*
BT1 Resources
NT1 Coal Reserves
NT1 Strategic Petroleum Reserve
NT1 Thorium Reserves
NT1 Uranium Reserves
RT Exploitation
RT Natural Gas Deposits
RT Oil Sand Deposits
RT Oil Shale Deposits
RT Petroleum Deposits
RT Public Lands
RT Resource Assessment
RT Stockpiles
DEF Usually is applied to available, recoverable, natural resources that can be mined or otherwise made available for consumption.

RESERVOIR ENGINEERING
DA March 1977
BT1 Engineering
RT Reservoir Rock
RT Water Reservoirs

RESERVOIR FLUIDS
DA March 1979
BT1 Fluids
RT Natural Gas Fields
RT Oil Fields

Reservoir Gas Saturation
DA June 1977
USE Gas Saturation

RESERVOIR PRESSURE
DA September 1978
UF *Datum Pressure*
UF *Formation Pressure*
UF *Initial Reservoir Pressure*
UF *Sand Pressure*
UF *Shutin Pressure*
UF *Static Reservoir Pressure*
NT1 Well Pressure

RESERVOIR ROCK
DA March 1976
BT1 Rocks
NT1 Carbonate Rocks
NT2 Dolomite
NT2 Limestone
NT1 Fractured Reservoirs
RT Gas Saturation
RT Heterogeneous Effects
RT Interstitial Water
RT Natural Gas Fields
RT Oil Fields
RT Oil Saturation
RT Plugging
RT Reservoir Engineering
RT Sand
RT Water Influx
RT Water Saturation
DEF Porous and permeable rock containing producible oil and/or gas or geothermal fluid in its pore spaces.

RESERVOIR TEMPERATURE
DA December 1978
NT1 Well Temperature
RT Temperature Measurement

Reservoirs (Water)
USE Water Reservoirs

Resid
DA January 1976
USE Petroleum Residues

Residences
DA March 1975
USE Houses

RESIDENTIAL BUILDINGS
DA April 1978
BT1 Buildings
NT1 Apartment Buildings
NT1 Houses

RESIDENTIAL SECTOR
DA April 1976
SF *End Use Sector*
RT Apartment Buildings
RT Mobile Homes
RT Rural Areas
RT Urban Areas

Residual Fuel Oil
DA January 1976
USE Residual Fuels

RESIDUAL FUELS
DA January 1976
UF *Bunker Oils*
UF *Heavy Fuels*
UF *Nos. 5 and 6 Burner Oils*
UF *Nos. 4, 5, and 6 Fuel Oils*
UF *Residual Fuel Oil*
UF *Residuums*
BT1 Fuel Oils
BT2 Fuels
BT2 Oils
BT3 Other Organic Compounds
BT4 Organic Compounds
BT2 Petroleum Products
RT Petroleum Residues
RT Rose Process

Residual Heat Removal
DA January 1975
USE RHR Systems

RESIDUAL INTERACTIONS [01]
BT1 Interactions

Residual Oils
DA October 1977
USE Petroleum Residues

RESIDUAL PETROLEUM
DA July 1976
BT1 Petroleum
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
DEF The amount of liquid petroleum remaining in the formation at the end of a specified production process.

RESIDUAL POWER [01]
DA September 1975
BT1 Nuclear Power
BT2 Power
RT After-Heat
RT Reactor Shutdown
DEF Radiation power released by decaying fission products in irradiated nuclear fuel after irradiation has ceased, e.g., after reactor shutdown.

RESIDUAL STRESSES [01]
BT1 Stresses

RESIDUES [01]
NT1 Ashes
NT1 Gangue
NT1 Smokes
NT2 Tobacco Smokes
RT Wastes

Residues (Mathematical)
DA June 1975
USE Integral Calculus
AND Singularity

Residues (Radioactive)
USE Radioactive Wastes

Residuums
DA January 1976
USE Residual Fuels

RESINS [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
BT1 Petrochemicals
BT2 Petroleum Products
RT Araldite
RT Bakelite
RT Desiccants
RT Epoxides
RT Ion Exchange Chromatography
RT Ion Exchange Materials
RT Matrix Materials

RESISTAL [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys

RESISTANCE HEATING
DA April 1977
BT1 Electric Heating
BT2 Heating

RESISTANCE WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
NT1 Flash Welding
NT1 Projection Welding

Resistivity (Electric)
USE Electric Conductivity

RESISTIVITY LOGGING
DA June 1976
UF *Focussed Logging*
UF *Guard Logging*
UF *Laterologging*
BT1 Electric Logging
BT2 Well Logging
RT Electrical Surveys
RT Induction Logging
RT SP Logging

RESISTORS [01]
BT1 Electrical Equipment
BT2 Equipment
NT1 Photoresistors
NT1 Rheostats
NT1 Semiconductor Resistors
RT Conductor Devices
RT Potentiometers
RT Thermistors
RT Voltage Drop

RESOLUTION [01]
NT1 Energy Resolution
NT1 Linear Momentum Resolution
NT1 Mass Resolution
NT1 Spatial Resolution
NT1 Time Resolution
RT Accuracy
RT Comparative Evaluations
RT Electron Microscopy

RT Errors
RT Particle Discrimination
RT Performance
RT Sensitivity

RESONANCE [01]
UF+ *Analog Resonances*
NT1 Cyclotron Resonance
NT2 Azbel-Kaner Resonance
NT2 Electron Cyclotron-Resonance
NT1 Electric Resonance
NT2 Paraelectric Resonance
NT1 Fermi Resonance
NT1 Giant Resonance
NT1 Helicon Resonance
NT1 Hybrid Resonance
NT1 Intermediate Resonance
NT1 Magnetic Resonance
NT2 ELDOR
NT2 Electron Spin Resonance
NT3 Acoustic ESR
NT2 ENDOR
NT2 Ferrimagnetic Resonance
NT2 Ferromagnetic Resonance
NT2 Nuclear Magnetic Resonance
NT3 Acoustic NMR
NT1 Nuclear Quadrupole Resonance
RT Bump-in-Tail Instability
RT Giant Resonance Model
RT Harmonics
RT Multilevel Analysis
RT Reich-Moore Formula
RT Resonance Integrals
RT Resonance Particles
RT Resonance Scattering
RT Tuning

RESONANCE ABSORPTION [01]
BT1 Absorption

Resonance Cavities
USE Cavity Resonators

RESONANCE ESCAPE PROBABILITY [01]
RT Dancoff Correction
RT Multiplication Factors

RESONANCE INTEGRALS [01]
BT1 Integrals
RT Resonance

RESONANCE NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Fission Ratio
RT Intermediate Neutrons
RT Intermediate Reactors
RT Stein Theory

RESONANCE PARTICLES [01]
BT1 Hadrons
BT2 Elementary Particles
NT1 Baryon Resonances
NT2 Charmed Baryon Resonances
NT3 C-2260 Resonances
NT3 Lambda-2250 Resonances
NT2 Dibaryon Resonances
NT2 D*Resonances
NT2 N*Resonances
NT3 Delta-1236 Resonances
NT3 Delta-1650 Resonances
NT3 Delta-1670 Resonances
NT3 Delta-1877 Resonances
NT3 Delta-1890 Resonances
NT3 Delta-1910 Resonances
NT3 Delta-1950 Resonances
NT3 Delta-1960 Resonances
NT3 Delta-2200 Resonances
NT3 Delta-2420 Resonances
NT3 Delta-2850 Resonances
NT3 Delta-3230 Resonances
NT3 N-1470 Resonances
NT3 N-1520 Resonances
NT3 N-1535 Resonances
NT3 N-1680 Resonances
NT3 N-1688 Resonances
NT3 N-1700 Resonances
NT3 N-1780 Resonances
NT3 N-1860 Resonances
NT3 N-1990 Resonances
NT3 N-2040 Resonances
NT3 N-2190 Resonances
NT3 N-2650 Resonances
NT3 N-3030 Resonances
NT2 Y*Resonances
NT3 Lambda-1405 Resonances
NT3 Lambda-1520 Resonances
NT3 Lambda-1670 Resonances
NT3 Lambda-1690 Resonances
NT3 Lambda-1815 Resonances
NT3 Lambda-1830 Resonances
NT3 Lambda-2100 Resonances
NT3 Lambda-2250 Resonances
NT3 Lambda-2350 Resonances
NT3 Sigma-1385 Resonances
NT3 Sigma-1580 Resonances
NT3 Sigma-1620 Resonances
NT3 Sigma-1640 Resonances
NT3 Sigma-1660 Resonances
NT3 Sigma-1670 Resonances
NT3 Sigma-1750 Resonances
NT3 Sigma-1765 Resonances
NT3 Sigma-1910 Resonances
NT3 Sigma-1940 Resonances
NT3 Sigma-2030 Resonances
NT3 Sigma-2250 Resonances
NT3 Sigma-2455 Resonances
NT3 Sigma-2595 Resonances
NT3 Xi-1530 Resonances
NT3 Xi-1630 Resonances
NT3 Xi-1820 Resonances
NT3 Xi-1930 Resonances
NT3 Xi-2030 Resonances
NT2 Z*Resonances
NT1 Exotic Resonances
NT2 A4-1960 Resonances
NT2 Eta-1060 Resonances
NT2 K-1775 Resonances
NT2 Rho-1250 Resonances
NT2 S-1930 Resonances
NT2 T-2200 Resonances
NT2 U-2375 Resonances
NT2 Z*Resonances
NT1 Meson Resonances
NT2 A Resonances
NT3 A1-1070 Resonances
NT3 A2-1310 Resonances
NT3 A4-1960 Resonances
NT3 A2H-1320 Resonances
NT3 A2L-1280 Resonances
NT3 F-1540 Resonances
NT2 B-1235 Resonances
NT2 Baryonium
NT2 Charmed Meson Resonances
NT3 D Resonances
NT4 D-1865 Resonances
NT4 D-2007 Resonances
NT3 F-2030 Resonances
NT3 F*Resonances
NT2 Chi Resonances
NT3 Chi-3455 Resonances
NT3 CHI-3500 Resonances
NT3 CHI-3550 Resonances
NT2 Chi-3410 Resonances
NT2 D-1285 Resonances
NT2 Delta-966 Resonances
NT2 E-1422 Resonances
NT2 Eta-700 Resonances
NT2 Eta-958 Resonances
NT2 Eta-1060 Resonances
NT2 H-2050 Resonances
NT2 Kappa-725 Resonances
NT2 K*Resonances
NT3 K-892 Resonances
NT3 K-1240 Resonances
NT3 K-1320 Resonances
NT3 K-1420 Resonances
NT3 K-1775 Resonances
NT3 K-1871 Resonances
NT3 L-1770 Resonances
NT2 Omega-1675 Resonances
NT2 Omega-1778 Resonances
NT2 Pi-1016 Resonances
NT2 Pi-1640 Resonances
NT2 Q Resonances
NT2 R-1650 Resonances
NT2 Rho-1250 Resonances
NT2 Rho-1500 Resonances
NT2 Rho-1670 Resonances
NT2 Rho-1700 Resonances
NT2 S-1000 Resonances
NT2 S-1930 Resonances
NT2 Sigma-410 Resonances
NT2 T-2200 Resonances
NT2 Tensor Mesons
NT3 A2-1310 Resonances
NT3 F-1260 Resonances
NT3 F-1514 Resonances
NT3 K-1420 Resonances
NT2 U-2375 Resonances
NT2 Upsilon Resonances
NT3 Upsilon-9500 Resonances
NT3 Upsilon-10500 Resonances
NT2 Vector Mesons
NT3 K-892 Resonances
NT3 Omega-784 Resonances
NT3 Phi-1019 Resonances
NT3 Psi Resonances
NT4 Psi-3105 Resonances
NT4 Psi-3695 Resonances
NT4 PSI-3772 Resonances
NT4 PSI-4028 Resonances
NT4 Psi-4100 Resonances
NT4 Psi-4300 Resonances
NT4 PSI-4414 Resonances
NT3 Rho-765 Resonances
NT3 Rho-1600 Resonances
NT2 X-2830 Resonances
RT Dalitz Plot
RT Deck Effect
RT Prism Plot
RT Resonance

RESONANCE SCATTERING [01]
BT1 Inelastic Scattering
BT2 Scattering
RT Acoustic ESR
RT Acoustic NMR
RT Deep Inelastic Scattering
RT Resonance

Resonance States
USE Energy Levels

Resonance Test Reactor Savannah
USE RTR Reactor

RESONATING-GROUP METHOD [01]
BT1 Variational Methods
RT Nuclear Reaction Kinetics
RT Nucleon-Nucleon Potential
RT Scattering
RT Two-Body Problem

RESONATORS
DA February 1979
BT1 Electronic Equipment
NT1 Cavity Resonators
NT2 Superconducting Cavity Resonators

Resorcin
USE Resorcinol

RESORCINOL [01]
UF *1,3-Dihydroxybenzene*
UF *Dihydroxybenzene-meta*
UF *Resorcin*
BT1 Developers
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds

RESOURCE ASSESSMENT
DA November 1977
RT Energy Source Development
RT Rangelands
RT Reserves

RESOURCE CONSERVATION
DA September 1975

UF *Conservation (Resource)*
NT1 Soil Conservation
RT Energy Conservation
RT Interchangeability
RT Recycling
RT Resource Depletion
RT Resource Recovery Acts
RT Resources

RESOURCE DEPLETION
DA July 1977
RT Depletion Allowances
RT Resource Conservation
RT Resources

RESOURCE DEVELOPMENT
DA December 1978
RT Economic Development
RT Energy Source Development
RT Materials
RT Resources

RESOURCE POTENTIAL
(NOT for economic evaluation of a known deposit or resource.)
DA June 1978
RT Energy Source Development
RT Exploration
RT Mineral Resources
RT Resources
DEF Potential of a given area for economic ore deposits, potential of an area for specific energy source development as hydroelectric power, or potential of a mineral deposit to alternative recovery methods as enhanced oil recovery.

RESOURCE RECOVERY ACTS
DA October 1976
BT1 Laws
RT Energy Conservation
RT Regulations
RT Resource Conservation
RT Waste Disposal Acts

RESOURCE RECOVERY FACILITIES
DA March 1979
BT1 Energy Facilities
RT Dual-Purpose Power Plants
RT Energy Recovery
RT Materials Recovery
RT Power Generation
RT Refuse Derived Fuels
RT Refuse-Fueled Power Plants
RT Steam Generation
RT Waste Processing Plants

RESOURCES [01]
DA February 1975
NT1 Coal Deposits
NT2 Coal Seams
NT1 Geothermal Resources
NT1 Mineral Resources
NT1 Natural Gas Deposits
NT2 Gas Condensate Fields
NT2 Natural Gas Fields
NT1 Nature Reserves
NT1 Oil Shale Deposits
NT1 Petroleum Deposits
NT2 Gas Condensate Fields
NT2 Oil Fields
NT1 Renewable Resources
NT1 Reserves
NT2 Coal Reserves
NT2 Strategic Petroleum Reserve
NT2 Thorium Reserves
NT2 Uranium Reserves
NT1 Uranium Deposits
NT2 Ranger Deposit
RT Raw Materials
RT Resource Conservation
RT Resource Depletion
RT Resource Development
RT Resource Potential
DEF The totality of the discovered and undiscovered quantities of a particular mineral or similar commodity, i.e. its crustal abundance.

RESOX PROCESS
DA April 1977
RT Desulfurization
RT Materials Recovery
RT Sulfur
RT Waste Processing
DEF Proprietary process developed by Foster Wheeler using anthracite coal as catalyst and reducing agent to convert 90% of inlet SO_2 to elemental sulfur.

Respirable Dusts
DA June 1977
USE Dusts

RESPIRATION [01]
RT Air
RT Anoxia
RT Blood
RT Breath
RT Capillaries
RT Hemoglobin
RT Inhalation
RT Krebs Cycle
RT Lungs
RT Metabolism
RT Oxidoreductases
RT Physiology
RT Respirators
RT Respiratory System

RESPIRATORS [01]
UF *Masks*
UF *Respiratory Equipment*
RT Aerosols
RT Air
RT Breath
RT Dusts
RT Face
RT Filters
RT Inhalation
RT Life Support Systems
RT Protective Clothing
RT Radiation Protection
RT Respiration
RT Respiratory System

Respiratory Equipment
USE Respirators

RESPIRATORY SYSTEM [01]
NT1 Bronchi
NT1 Gills
NT1 Larynx
NT1 Lungs
NT1 Nose
NT1 Pharynx
NT1 Trachea
RT Air
RT Breath
RT Chest
RT Inhalation
RT Lavage
RT Lung Clearance
RT Organs
RT Respiration
RT Respirators
RT Respiratory System Diseases

RESPIRATORY SYSTEM DISEASES [01]
UF+ *Bronchogenic Carcinoma*
BT1 Diseases
NT1 Asthma
NT1 Bronchitis
NT1 Emphysema
NT1 Pneumoconioses
NT2 Berylliosis
NT1 Pneumonia
NT2 Bronchopneumonia
RT Respiratory System

RESPIRATORY TRACT CELLS [01]
DA November 1977
UF *Lung Cells*
BT1 Animal Cells

RESPONSE FUNCTIONS [01]
(Describing the response of a system to external action.)
BT1 Functions
RT Electronic Circuits
RT Mathematical Models
RT Measuring Instruments
RT Mechanical Structures
RT Structural Models

RESPONSE MATRIX METHOD [01]
DA January 1975
BT1 Reactor Kinetics Equations
BT2 Equations
RT Criticality

RESPONSE MODIFYING FACTORS [01]
(For biological effects.)
UF *Protective Chemicals*
UF+ *Oxygen Effect (Radiobiology)*
NT1 Radioprotective Substances
NT2 Acridones
NT2 AET
NT2 BAL
NT2 Bufotenine
NT2 Cystamine
NT2 Cystaphos
NT2 Cytriphos
NT2 Dianabol
NT2 DTPA
NT2 Ethyrone
NT2 Gammaphos
NT2 Hydroxytryptophan
NT2 Kallikrein
NT2 MEA
NT2 MEG
NT2 Mercaptopropylamine
NT2 Penicillamine
NT2 Pentacyn
NT2 Serotonin
NT3 Mexamine
NT1 Radiosensitizers
NT2 FUDR
NT2 Metronidazole
NT2 NEM
NT2 TAN
RT Adrenalectomy
RT Biological Effects
RT Biological Recovery
RT Oxygen Enhancement Ratio
RT Radiation Effects
RT Radiosensitivity

REST MASS [01]
BT1 Mass
RT Relativity Theory

RESTAURANTS
DA July 1978
BT1 Commercial Buildings
BT2 Buildings
RT Commercial Sector
RT Food
RT Food Industry

Restoration
USE Biological Recovery

RESTRAINTS
DA July 1975
NT1 Reactor Core Restraints
RT Fasteners

Resuspension
DA May 1977
USE Particle Resuspension

Retail Buyers
DA May 1979
USE Retailers

RETAIL PRICES
DA June 1979
BT1 Prices
RT Retailers
RT Wholesale Prices

Retail Sellers
DA May 1979
USE Retailers

RETAILERS
DA May 1979

UF *Marketers*
UF *Retail Buyers*
UF *Retail Sellers*
BT1 Commercial Sector
NT1 Gasoline Service Stations
RT Competition
RT Economics
RT Industry
RT Market
RT Prices
RT Retail Prices

RETENTION [01]
(In living organisms.)
RT Biological Hot Spots
RT Biological Localization
RT Body
RT Compartments
RT Deposition
RT Edema
RT Excretion
RT Hot Atom Chemistry
RT Maximum Permissible Body Burden
RT Organs
RT Radionuclide Kinetics
RT Retention Functions
RT Tissues
RT Uptake
RT Whole-Body Counting

RETENTION FUNCTIONS [01]
UF *Excretion Functions*
RT Compartments
RT Radionuclide Kinetics
RT Retention
RT Time Dependence

Reticular Cells
USE Reticuloendothelial System

RETICULOCYTES [01]
BT1 Erythrocytes
BT2 Blood Cells
BT3 Blood
BT4 Body Fluids
BT5 Biological Materials

RETICULOENDOTHELIAL SYSTEM [01]
UF *Kupffer Cells*
UF *Reticular Cells*
BT1 Tissues
BT2 Body
RT Bone Marrow
RT Connective Tissue
RT Liver
RT Lymph Nodes
RT Lymphatic System
RT Macrophages
RT Phagocytosis
RT Spleen

RETINA [01]
BT1 Eyes
BT2 Sense Organs
BT3 Organs
BT4 Body
RT Nervous System

Retorted Shales
DA July 1979
USE Spent Shales

RETORTING
DA January 1975
NT1 In-Situ Retorting
RT Heating
RT Hydrotorting Process
RT Hytort Process
RT Lurgi-Ruhrgas Process
RT Modified In-Situ Processes
RT NTU Process
RT Retorts

RETORTS
DA April 1975
BT1 Chemical Reactors
NT1 Pumpherston Retort
RT Retorting

RETRIEVAL SYSTEMS
DA August 1979
RT Materials Handling
RT Radioactive Waste Management

RETROFITTING [01]
DA November 1975
RT Buildings
RT Construction

REVEGETATION [01]
DA January 1975
RT Ground Cover
RT Land Reclamation
RT Plant Growth
RT Plants
RT Preferred Species
RT Productivity
DEF To provide a new vegetative cover for land previously stripped of vegetation.

REVERSE COMBUSTION
DA May 1976
BT1 Combustion
BT2 Oxidation
BT3 Chemical Reactions
BT2 Thermochemical Processes
RT In-Situ Combustion

REVERSE-FIELD PINCH [01]
DA January 1976
BT1 Pinch Effect
RT ZT-40 Devices

Reverse Osmosis
USE Osmosis

REVERTANTS [01]
DA December 1978
BT1 Mutants
RT Mutations

REVIEWS [01]
(Critical assessment of work and data usually accompanied by an extensive bibliography.)
BT1 Document Types
RT Research Programs

REWETTING [01]
DA August 1976
RT Dryout
RT Heat Transfer
RT Hot Spots
RT Surfaces

REXCO PROCESS
DA February 1975
RT Coal
DEF Process for manufacturing smokeless fuel.

REYNOLDS NUMBER [01]
NT1 Magnetic Reynolds Number
RT Fluid Flow
RT Friction Factor
RT Grashof Number
RT Turbulent Flow
RT Viscous Flow

Rez TR-0 Reactor
USE TR-0 Reactor

REZISTAL [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Nickel Alloys
BT2 Alloys

RF SYSTEMS [01]
UF *Radiofrequency Systems*
RT Cavity Resonators
RT Cyclic Accelerators
RT Gyrocons
RT Klystrons
RT Magnetrons
RT Power Supplies
RT Radio Equipment
RT Radiowave Radiation
RT SQUID Devices
RT Superconducting Cavity Resonators
RT Travelling Wave Tubes
RT Tuning

RG-1M REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

RHABDOMYOSARCOMAS [01]
DA May 1975
BT1 Myosarcomas
BT2 Sarcomas
BT3 Neoplasms
BT4 Diseases

RHAGOLETIS CERASI [01]
DA January 1976
UF *Cherry Fruit Fly*
BT1 Fruit Flies
BT2 Flies
BT3 Insects
BT4 Arthropods
BT5 Invertebrates
BT6 Animals

RHEINSBERG AKW1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

RHENATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds
RT Rhenium Oxides

RHENIUM [01]
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Rhenium Silicides

RHENIUM 166 [01]
DA May 1979
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 167 [01]
DA May 1979
BT1 Alpha Decay Radioisotopes

BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 168 [01]
DA December 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 169 [01]
DA December 1978
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 170 [01]
DA May 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 172 [01]
DA May 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 173 [01]
DA June 1975
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 174 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 175 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 176 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 177 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 178 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 179 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 180 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 181 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 182 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 183 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 184 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 185 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RHENIUM 186 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes

BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 187 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHENIUM 188 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 189 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 190 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 191 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM 192 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhenium Isotopes

RHENIUM ADDITIONS [01]
BT1 Rhenium Alloys
BT2 Alloys

RHENIUM ALLOYS [01]
BT1 Alloys
NT1 Rhenium Additions
NT1 Rhenium Base Alloys

RHENIUM BASE ALLOYS [01]
BT1 Rhenium Alloys
BT2 Alloys

RHENIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds

RHENIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhenium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Rhenium Compounds
BT3 Transition Element Compounds

RHENIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds

RHENIUM CARBONATES
DA January 1975
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds

RHENIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhenium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Rhenium Compounds
BT3 Transition Element Compounds

RHENIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

RHENIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Perrhenates
NT1 Rhenates
NT1 Rhenium Borides
NT1 Rhenium Carbides
NT1 Rhenium Carbonates
NT1 Rhenium Halides
NT2 Rhenium Bromides
NT2 Rhenium Chlorides
NT2 Rhenium Fluorides
NT2 Rhenium Iodides
NT1 Rhenium Hydrides
NT1 Rhenium Hydroxides
NT1 Rhenium Nitrides
NT1 Rhenium Oxides
NT1 Rhenium Selenides
NT1 Rhenium Sulfates
NT1 Rhenium Sulfides
NT1 Rhenium Tellurides

RHENIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhenium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Rhenium Compounds
BT3 Transition Element Compounds

RHENIUM HALIDES
DA July 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds
NT1 Rhenium Bromides
NT1 Rhenium Chlorides
NT1 Rhenium Fluorides
NT1 Rhenium Iodides

RHENIUM HYDRIDES
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds

RHENIUM HYDROXIDES [01]
DA April 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds

RHENIUM IODIDES [01]
DA December 1976
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Rhenium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Rhenium Compounds
BT3 Transition Element Compounds

RHENIUM IONS [01]
BT1 Ions
BT2 Charged Particles

RHENIUM ISOTOPES [01]
NT1 Rhenium 166
NT1 Rhenium 167
NT1 Rhenium 168
NT1 Rhenium 169
NT1 Rhenium 170
NT1 Rhenium 172
NT1 Rhenium 173
NT1 Rhenium 174
NT1 Rhenium 175
NT1 Rhenium 176
NT1 Rhenium 177
NT1 Rhenium 178
NT1 Rhenium 179
NT1 Rhenium 180
NT1 Rhenium 181
NT1 Rhenium 182
NT1 Rhenium 183
NT1 Rhenium 184
NT1 Rhenium 185
NT1 Rhenium 186
NT1 Rhenium 187
NT1 Rhenium 188
NT1 Rhenium 189
NT1 Rhenium 190
NT1 Rhenium 191
NT1 Rhenium 192

RHENIUM NITRIDES [01]
DA January 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Rhenium Compounds
BT2 Transition Element Compounds

HENIUM ORES [01]
BT1 Ores

RHENIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Rhenium Compounds
BT2 Transition Element Compounds
RT Perrhenates
RT Rhenates

RHENIUM SELENIDES
DA January 1975
BT1 Rhenium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

RHENIUM SILICIDES [01]
DA December 1978
BT1 Rhenium
BT2 Refractory Metals
BT3 Metals
BT4 Elements
BT2 Transition Elements
BT3 Metals
BT4 Elements
BT1 Silicides
BT2 Silicon Compounds

RHENIUM SULFATES [01]
DA April 1977
BT1 Rhenium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

RHENIUM SULFIDES [01]
BT1 Rhenium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

RHENIUM 184 TARGET
DA April 1977
BT1 Targets

RHENIUM 185 TARGET [01]
DA July 1976
BT1 Targets

RHENIUM 186 TARGET [01]
DA July 1976
BT1 Targets

RHENIUM 187 TARGET [01]
DA July 1976
BT1 Targets

RHENIUM TELLURIDES
DA January 1975
BT1 Rhenium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

RHEOLOGY
DA September 1975
RT Matter
RT Thixotropy
DEF Study of deformation and flow of matter.

RHEOSTATS [01]
BT1 Resistors
BT2 Electrical Equipment
BT3 Equipment

Rhesus Monkeys
USE Macacus

RHEUMATIC DISEASES [01]
UF *Arthritis*
UF *Rheumatoid Diseases*
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Joints
RT Bone Tissues

Rheumatoid Diseases
USE Rheumatic Diseases

RHINE RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Austria
RT France
RT German Federal Republic
RT Netherlands
RT Switzerland

Rhizopterin
USE Folic Acid

RHIZOPUS [01]
BT1 Fungi
BT2 Plants

Rho-Prime Resonances
USE Rho-1600 Resonances

RHO-765 RESONANCES [01]
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

RHO-1250 RESONANCES [01]
DA January 1975
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

RHO-1500 RESONANCES [01]
DA October 1975
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

RHO-1600 RESONANCES [01]
UF *Rho-Prime Resonances*
BT1 Vector Mesons
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

RHO-1670 RESONANCES [01]
UF *G Resonances*
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

RHO-1700 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

RHODAMINES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Dyes
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Reagents
RT Phthalic Acid

Rhodanates
USE Thiocyanates

Rhodanides
USE Thiocyanates

RHODE ISLAND [01]
BT1 North Atlantic Region

Rhode Island Nuclear Science Center
USE RINSC Reactor

Rhodesia (Northern)
USE Zambia

Rhodesia (Southern)
USE Southern Rhodesia

RHODIUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements
BT1 Refractory Metals
BT2 Metals
BT3 Elements

RHODIUM 94 [01]
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 95 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 96 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 97 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei

BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 98 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 99 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 100 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 101 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 102 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 103 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RHODIUM 104 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 105 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 106 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 107 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 108 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 109 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 110 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 111 [01]
DA February 1979
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 112
DA February 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM 116 [01]
DA June 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes

RHODIUM 117 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rhodium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RHODIUM ADDITIONS [01]
BT1 Rhodium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

RHODIUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Rhodium Additions
NT1 Rhodium Base Alloys

RHODIUM BASE ALLOYS [01]
BT1 Rhodium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

RHODIUM BORIDES [01]
DA January 1975
BT1 Borides
BT2 Boron Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM BROMIDES [01]
DA November 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

RHODIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Rhodium Borides
NT1 Rhodium Bromides
NT1 Rhodium Carbides
NT1 Rhodium Chlorides
NT1 Rhodium Fluorides
NT1 Rhodium Hydrides
NT1 Rhodium Hydroxides
NT1 Rhodium Nitrides
NT1 Rhodium Oxides
NT1 Rhodium Phosphides
NT1 Rhodium Selenides
NT1 Rhodium Sulfides
NT1 Rhodium Tellurides

RHODIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM HYDRIDES [01]
DA June 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM HYDROXIDES [01]
DA November 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM IONS [01]
BT1 Ions
BT2 Charged Particles

RHODIUM ISOTOPES [01]
NT1 Rhodium 94
NT1 Rhodium 95
NT1 Rhodium 96
NT1 Rhodium 97
NT1 Rhodium 98
NT1 Rhodium 99
NT1 Rhodium 100
NT1 Rhodium 101
NT1 Rhodium 102
NT1 Rhodium 103
NT1 Rhodium 104
NT1 Rhodium 105
NT1 Rhodium 106
NT1 Rhodium 107
NT1 Rhodium 108
NT1 Rhodium 109
NT1 Rhodium 110
NT1 Rhodium 111
NT1 Rhodium 112
NT1 Rhodium 116
NT1 Rhodium 117

RHODIUM NITRIDES
DA December 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM PHOSPHIDES
DA July 1976
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Rhodium Compounds
BT2 Transition Element Compounds

RHODIUM SELENIDES
DA March 1976
BT1 Rhodium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

RHODIUM SULFIDES
DA November 1975
BT1 Rhodium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

RHODIUM 96 TARGET [01]
DA July 1976
BT1 Targets

RHODIUM 103 TARGET [01]
DA July 1976
BT1 Targets

RHODIUM TELLURIDES
DA July 1976
BT1 Rhodium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 *Tellurium Compounds*

RHODIZONIC ACID [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Quinones
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Reagents
RT Organic Acids

RHODOPSEUDOMONAS [01]
BT1 Bacteria
BT2 Microorganisms

RHODOSPIRILLUM [01]
BT1 Bacteria
BT2 Microorganisms

Rhombohedral Lattices
USE Trigonal Lattices

RHONE RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT France
RT Switzerland

RHR SYSTEMS
DA January 1975
UF *Residual Heat Removal*
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components
RT After-Heat Removal

RHYOLITES [01]
DA November 1975
BT1 Volcanic Rocks
BT2 Igneous Rocks
BT3 Rocks
DEF A group of extrusive igneous rocks generally porphyritic and containing small phenocrysts of quartz and alkali feldspar set in a glassy or cryptocrystalline groundmass.

RHYTHMICITY [01]
RT Estrous Cycle

RIBOFLAVIN [01]
UF *Vitamin B-2*
BT1 Vitamin B Group
BT2 Vitamins
RT Ribose

Ribonuclease
USE RNA-ase

Ribonucleic Acid
USE RNA

RIBOSE [01]
BT1 Aldehydes

BT2 Organic Compounds
BT1 Pentoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Riboflavin

RIBOSIDES [01]
NT1 Nucleosides
NT2 Adenosine
NT2 BUDR
NT2 Cytidine
NT2 Deoxycytidine
NT2 Deoxyuridine
NT2 FUDR
NT2 Guanosine
NT2 Inosine
NT2 Iododeoxyuridine
NT2 Thymidine
NT2 Uridine
RT Deoxyribose
RT Nucleic Acids
RT Pentoses

RIBOSOMES [01]
BT1 Organoids
BT2 Cell Constituents
RT Codons
RT RNA

RIBULOSE [01]
BT1 Ketones
BT2 Organic Compounds
BT1 Pentoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

RIC PROCESS
DA April 1975
RT Desulfurization

RICCATI EQUATION [01]
BT1 Differential Equations
BT2 Equations

RICCI TENSOR [01]
BT1 Tensors
RT Riemann Space

RICE [01]
UF *Oryza*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

RICE STEM BORERS [01]
BT1 Moths
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals

Richardson-Dushman Equation
USE Richardson Equation

RICHARDSON EQUATION [01]
UF *Richardson-Dushman Equation*
BT1 Equations
RT Thermionics

RICHARDSON NUMBER [01]
RT Turbulent Flow

RICHLAND
DA March 1979
BT1 Washington
BT2 Pacific Northwest Region
BT2 USA
BT3 North America

Richland FFTF Reactor
USE FFTF Reactor

Richland NPR Reactor
USE N-Reactor

Richland Physical Constants Test Reactor
USE PCTR Reactor

Ricinum Communis
USE Castor

RICKETS [01]
UF *Rachitis*
BT1 Skeletal Diseases
BT2 Diseases
RT Bone Tissues
RT Vitamin D

RICKETTSIAE [01]
BT1 Microorganisms
RT Insects
RT Typhus

RIEHL-SCHON MODEL
DA February 1975
RT Crystals
DEF Photovoltaic and photoconductive effects in crystals.

Riemann Curvature Tensor
USE Riemann Space

RIEMANN FUNCTION [01]
BT1 Functions
RT Differential Equations

Riemann Geometry
USE Riemann Space

Riemann Manifolds
USE Riemann Space

Riemann Metric
USE Riemann Space

RIEMANN SHEET [01]
RT Riemann Space

RIEMANN SPACE [01]
UF *Riemann Curvature Tensor*
UF *Riemann Geometry*
UF *Riemann Manifolds*
UF *Riemann Metric*
UF *Riemann Sphere*
BT1 Mathematical Space
BT2 Space
NT1 Euclidean Space
RT Ricci Tensor
RT Riemann Sheet
RT Smooth Manifolds

Riemann Sphere
USE Riemann Space

Riemann Waves
USE Shock Waves

RIEN-1 REACTOR [01]
UF *Argonauta Rien-1 Reactor*
UF *Argonauta Rio Reactor*
UF *Instituto Engenhoria Nuclear Rio Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

RIFT ZONES
DA September 1975
BT1 Geologic Structures
RT Geologic Faults
RT Rio Grande Rift
DEF A system of crustal fractures.

RIGHI-LEDUC EFFECT [01]
RT Hall Effect
RT Heat Transfer
RT Magnetic Fields
RT Thermal Conductivity

RIGHTS-OF-WAY
DA March 1979
RT Eminent Domain
RT Land Use
RT Legal Aspects
RT Power Transmission Lines

Rikkyo University TRIGA-Mk-II Reactor
USE TRIGA-2-Rikkyo Reactor

RILEY-MORGAN PROCESS
DA August 1977
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Redesign of the old Morgan fixed-bed gasifier for industrial plant gas supply.

RING CHROMOSOMES [01]
BT1 Chromosomes

RING CURRENTS [01]
BT1 Electric Currents
BT2 Currents
RT Electrojets

RING OVEN METHOD
DA January 1975
BT1 Chemical Analysis
RT Quantitative Chemical Analysis
RT Separation Processes
DEF Concentration of solutes from a single drop in concentric rings on a disc of filter paper for the qualitative detection of elements.

RINGHALS-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

RINGHALS-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

RINGHALS-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Ringotron
USE Electron-Ring Accelerators

RINGS [01]
RT Configuration
RT Tori

Rings (Storage)
USE Storage Rings

RINSC REACTOR [01]
UF *Rhode Island Nuclear Science Center*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

RIO BLANCO EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
RT Natural Gas

RIO BLANCO OIL SHALE PROJECT
DA March 1976
UF *Tract C-a Prototype Oil Shale Project*
RT Colorado
RT Oil Shales

RIO GRANDE RIFT
DA August 1976
RT Colorado
RT New Mexico
RT Rift Zones

RIOMETERS [01]
BT1 Measuring Instruments

RIPENING [01]
RT Age Dependence
RT Growth
RT Life Cycle
RT Physiology

Risa
USE Albumins
AND Organic Iodine Compounds

RISE
(Rubble In-Situ Extraction.)
DA June 1975
BT1 Modified In-Situ Processes
RT In-Situ Retorting
RT Oil Shales
DEF RISE is a modified in-situ method of processing oil shale in which 20% of the mined shale is removed for retorting on the surface, the remainder is retorted in place making use of hot gas generated continuously from combustion of a portion of the oil shale, using an air stream.

Rise Time
USE Pulse Rise Time

Riser Cracking
DA October 1976
USE Coal Liquefaction

RISK ASSESSMENT
DA September 1977
RT Energy Facilities
RT Energy Source Development
RT Fuel Cycle
RT Fuel Reprocessing Plants
RT Nuclear Power Plants
RT Radioactive Waste Management
RT Seismicity
DEF Evaluation of probabilities and consequences of loss of intended design performance or identification and evaluation of potential consequences of planned operations.

Risks
USE Hazards

RISOE NATIONAL LABORATORY [01]
(Prior to 1978 known as Risoe Research Establishment and documents written before that date should be so indexed.)
DA July 1978
BT1 Danish Organizations
BT2 National Organizations

RISOE RESEARCH ESTABLISHMENT [01]
DA June 1977
BT1 Danish Organizations
BT2 National Organizations

RITAC DOSEMETERS [01]
(Passive solid-state dosemeters based on radiation induced thermally activated current.)
DA April 1975
BT1 Dosemeters
BT2 Measuring Instruments
RT RITAD Dosemeters

RITAD DOSEMETERS [01]
(Integral solid-state dosemeters based on Radiation Induced Thermally Activated Depolarization.)
BT1 Dosemeters
BT2 Measuring Instruments
RT Dielectric Materials
RT RITAC Dosemeters

RITCHIE-ELDRIDGE THEORY [01]
RT Perturbation Theory

RITMO REACTOR [01]
UF *RC-4 Reactor Casaccia*
UF *Reattore Casaccia-4*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RITZ METHOD [01]
UF *Rayleigh-Ritz Method*
UF *Ritz-Rayleigh Method*
UF *Ritz Variation Method*
RT Variational Methods

Ritz-Rayleigh Method
USE Ritz Method

Ritz Variation Method
USE Ritz Method

RIVER BEND-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

RIVER BEND-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

RIVERS [01]
(Large streams.)
BT1 Streams
BT2 Surface Waters
NT1 Allegheny River
NT1 Amazon River
NT1 Arkansas River
NT1 Blind River
NT1 Brazos River
NT1 Cape Fear River
NT1 Chattahoochee River
NT1 Clinch River
NT1 Colorado River
NT1 Columbia River
NT1 Connecticut River
NT1 Crystal River
NT1 Cumberland River
NT1 Danube River
NT1 Delaware River
NT1 Detroit River
NT1 Fraser River
NT1 Ganga River
NT1 Gunnison River
NT1 Hudson River
NT1 James River
NT1 Mississippi River
NT1 Missouri River
NT1 Mohawk River
NT1 Nelson River
NT1 Niger River
NT1 Nile River
NT1 North Platte River
NT1 Ohio River
NT1 Ottawa River
NT1 Peace River
NT1 Piceance Creek
NT1 Po River
NT1 Potomac River
NT1 Rhine River
NT1 Rhone River
NT1 Saint Clair River
NT1 Saint John River
NT1 Santee River
NT1 Savannah River
NT1 Scioto River
NT1 Severn River
NT1 St Lawrence River
NT1 Susquehanna River
NT1 Tennessee River
NT1 Thames River
NT1 Volga River
NT1 White River
NT1 Yellow Creek
NT1 Yukon River
RT Estuaries
RT Flood Control
RT Fresh Water
RT Hydrology
RT Inland Waterways
RT Water Currents

Riveting
USE Fastening

Rivets
USE Fasteners

RKR Method
USE Rydberg-Klein-Rees Method

RMPROCESS
DA July 1976
BT1 SNG Processes
RT Coal Gasification
RT High BTU Gas
RT Petroleum
DEF Methanation process which catalytically converts mixtures of carbon oxides obtained from coal or naphtha gasification to methane at high temperatures without recycle.

RNA [01]
UF *Ribonucleic Acid*
UF+ *RNA Polymerase*
BT1 Nucleic Acids
BT2 Organic Compounds
NT1 Messenger-RNA
NT1 Transfer RNA
RT Microsomes
RT Nucleoli
RT Ribosomes
RT Strand Breaks

RNA-ASE [01]
UF *Nuclease (Ribonuclease)*
UF *Ribonuclease*
BT1 Phosphotransferases
BT2 Transferases
BT3 Enzymes

RNA Polymerase
USE Polymerases
AND RNA

RNPP-Rooppur Reactor
USE Rooppur Reactor

ROAD TESTS
DA May 1977

RT Automobiles
RT Buses
RT Testing
RT Trucks
RT Vehicles

Road Transport
DA June 1977
USE Land Transport

ROADS
DA January 1975
UF *Highways*
UF *Streets*
RT Archaeological Sites
RT Bridges
RT Pavements
RT Transport

Roadways (Mines)
DA May 1978
USE Mine Roadways

ROASTING [01]
BT1 Oxidation
BT2 Chemical Reactions
RT Pyrometallurgy

Robert E. Ginna-1 Reactor
USE Ginna-1 Reactor

Robert E. Ginna-2 Reactor
USE Ginna-2 Reactor

ROBINSON-2 REACTOR [01]
UF *Carolina Power Light Robinson-2 Reactor*
UF *HB Robinson-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ROCHE EQUIPOTENTIALS [01]
UF *Roche Lobes*
RT Binary Stars
RT Gravitational Fields

Roche Lobes
USE Roche Equipotentials

ROCHELLE SALT [01]
BT1 Potassium Compounds
BT2 Alkali Metal Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Tartrates
BT2 Carboxylic Acid Salts
RT Tartaric Acid

ROCK BEDS
DA September 1975
RT Cold Storage
RT Heat Storage
RT Sensible Heat Storage

ROCK BURSTS
DA May 1977
UF *Gas Bursts*
RT Hazards
RT Mining
RT Precursor
RT Rock Mechanics
RT Seismic Events
DEF Explosive release of energy in rock strained beyond elastic limit.

ROCK CAVERNS
DA April 1979
BT1 Cavities
RT Caves
RT Rocks

ROCK DRILLING [01]
UF *Drilling (Rock)*
BT1 Drilling
RT Boreholes
RT Drills
RT Materials Drilling
RT Rotary Drilling
RT Rotary Drills
RT Spark Drills
RT Subterrene Penetrators
RT Well Drilling

ROCK DUSTING
DA October 1977
RT Coal Mines
RT Dusts
DEF Dusting of underground areas with powdered limestone (or other nearly inert dusts) to dilute coal dust to reduce explosion hazards.

ROCK-FLUID INTERACTIONS
DA November 1975
RT Chemical Reactions
RT Hydrothermal Alteration
RT Rocks

ROCK MECHANICS [01]
DA January 1975
RT Mining
RT Overburden
RT Rock Bursts
RT Rocks
RT Soil Mechanics
RT Strata Control
RT Strata Movement
DEF Application of the principles of mechanics and geology to quantify the response of rock when it is acted upon by environmental forces, particularly when man-induced factors alter the original ambient forces.

ROCK SPRINGS SITES
DA June 1975
BT1 Wyoming
BT2 Rocky Mountain Region
BT3 USA
BT4 North America
RT Oil Shale Deposits

ROCKET ENGINES
DA April 1975
BT1 Engines
RT Rockets

Rocket Reactor Experiment Phoebus-1A
USE Phoebus-1A Reactor

Rocket Reactor Experiment Phoebus-2A
USE Phoebus-2A Reactor

Rocket Reactor Experiment Phoebus-1B
USE Phoebus-1B Reactor

Rocket Reactor Experiment Rover
USE Rover Reactors

ROCKETS [01]
NT1 Atlas Rockets
RT Ammunition
RT Electronic Guidance
RT Launching
RT Missiles
RT Navigational Instruments
RT Propellants
RT Reentry
RT Rocket Engines
RT Space Flight
RT Space Vehicles

ROCKGAS PROCESS
DA June 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Process for the gasification of coal using the partial oxidation of coal in a molten sodium carbonate medium to produce a low-Btu fuel gas for consumption at the site of the gasification plant.

ROCKS [01]
NT1 Aquicludes
NT1 Argillite
NT1 Caldasite
NT1 Cap Rock
NT1 Conglomerates
NT2 Calcretes
NT1 Igneous Rocks
NT2 Anorthosites
NT2 Aplites
NT2 Basalt
NT2 Granites
NT2 Granodiorites
NT2 Kimberlites
NT2 Magma
NT2 Pegmatites
NT2 Peridotites
NT2 Pumice
NT2 Tuff
NT2 Volcanic Rocks
NT3 Andesites
NT3 Lava
NT3 Rhyolites
NT1 Metamorphic Rocks
NT2 Chert
NT2 Marble
NT2 Quartzites
NT2 Shales
NT3 Spent Shales
NT1 Phosphate Rocks
NT1 Reservoir Rock
NT2 Carbonate Rocks
NT3 Dolomite
NT3 Limestone
NT2 Fractured Reservoirs
NT1 Schists
NT1 Sedimentary Rocks
NT2 Calcretes
NT2 Graywacke
NT2 Limestone
NT2 Phosphorites
NT2 Sandstones
NT2 Sinters
RT Aquifers
RT Concretions
RT Detritus
RT Environmental Materials
RT Geobarometry
RT Geologic Strata
RT Geologic Traps
RT Lithology
RT Lunar Materials
RT Minerals
RT Orogenesis
RT Petrochemistry
RT Petrogenesis
RT Petrology
RT Rock Caverns
RT Rock-Fluid Interactions
RT Rock Mechanics
RT Stone Meteorites
RT Tectonics

ROCKWELL HARDNESS [01]
RT Hardness

Rockwell International Process
DA February 1979
USE Molten Salt Coal Gasification Process

ROCKY FLATS PLANT [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Rocky Flats Plant Nuclear Safety Facility
USE NSF-RFP Reactor

ROCKY MOUNTAIN REGION
DA October 1977
UF *Region VIII*
BT1 USA
BT2 North America
NT1 Colorado
NT2 Mahogany Zone
NT2 Sand Wash Basin
NT1 Montana
NT1 North Dakota
NT1 South Dakota
NT2 Table Mountain Area
NT1 Utah
NT2 Roosevelt Hot Springs
NT1 Wyoming
NT2 Rock Springs Sites
NT2 Washakie Basin
RT Great Plains
RT Regional Analysis
RT Rocky Mountains

ROCKY MOUNTAINS [01]
BT1 Mountains
RT Canada
RT Rocky Mountain Region
RT USA

ROD BUNDLES
DA July 1975
RT Fuel Element Clusters

ROD DROP ACCIDENTS [01]
BT1 Reactivity Insertions
BT2 Reactivity
BT1 Reactor Accidents
BT2 Accidents
RT Control Elements

ROD DROP METHOD [01]
RT Control Elements
RT Reactivity
RT Reactor Kinetics

ROD EJECTION ACCIDENTS [01]
BT1 Reactor Accidents
BT2 Accidents
RT Control Elements
RT Reactivity Insertions

RODENTS [01]
UF *Kangaroo, Rat*
BT1 Mammals
BT2 Vertebrates
BT3 Animals
NT1 Chipmunks
NT1 Gerbils
NT1 Guinea Pigs
NT1 Hamsters
NT1 Mice
NT1 Prairie Dogs
NT1 Rats
NT1 Squirrels
NT1 Voles
RT Disease Vectors
RT Nippostrongylus
RT Pest Control

RODS [01]
RT Configuration
RT Cylinders
RT Wires

Rods (Control)
USE Control Elements

Rods (Fuel)
USE Fuel Rods

Roentgen (Exposure Unit)
USE Radiation Dose Units

Roentgen Equivalent Man
USE Dose Equivalents
AND Radiation Dose Units

ROGOWSKI COIL [01]
BT1 Electric Coils
BT2 Electrical Equipment
BT3 Equipment

Roll Welding
USE Forge Welding

ROLLER BEARINGS [01]
BT1 Bearings

ROLLING [01]
BT1 Materials Working
BT2 Fabrication
RT Cladding
RT Cold Working
RT Compacting
RT Hot Working
RT Plating

ROLLING FRICTION [01]
BT1 Friction
RT Wear

ROLPHTON NPD-2 REACTOR [01]
UF *NPD2 Rolphton Reactor*
UF *Nuclear Power Demonstration Reactor-2 Canada*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

ROMANIA [01]
UF *Rumania*
BT1 Europe
RT Black Sea
RT Danube River

Romanian WWR-C Reactor
USE WWR-S-Bucharest Reactor

ROMASHKA REACTOR [01]
UF *Kurchatov Institute Romashka Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors

ROMBACH PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

ROOF BOLTS
DA July 1976
BT1 Mining Equipment
BT2 Equipment
RT Strata Control
RT Supports

ROOF PONDS
DA February 1979
BT1 Passive Solar Cooling Systems
BT2 Solar Cooling Systems
BT1 Passive Solar Heating Systems
BT2 Solar Heating Systems
BT3 Heating Systems
BT1 Solar Ponds
BT2 Ponds
BT2 Solar Collectors
RT Roofs

ROOFS
DA September 1975
RT Buildings
RT Roof Ponds

ROOM AND PILLAR MINING
DA July 1977
BT1 Underground Mining
BT2 Mining
RT Coal Mining

ROOPPUR REACTOR [01]
UF *RNPP-Rooppur Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

ROOSEVELT HOT SPRINGS
DA January 1979
BT1 KGRA
BT1 Utah
BT2 Rocky Mountain Region
BT3 USA
BT4 North America
RT Geothermal Fields

ROOT ABSORPTION [01]
BT1 Uptake
RT Roots

ROOTS [01]
RT Plants
RT Root Absorption
RT Soils

Roper Resonance
USE N-1470 Resonances

ROPES
DA October 1978
RT Cables
RT Wires

RORT
DA October 1978
USE Radial-Outflow Reaction Turbines

ROSE BENGAL [01]
BT1 Dyes
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Indicators
BT1 Organic Chlorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Reagents
RT Phthalic Acid

ROSE-METAL [01]
BT1 Bismuth Alloys
BT2 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys

ROSE PROCESS
DA August 1976
RT Residual Fuels
DEF Residuum Oil Supercritical Extraction process involves use of variety of selective solvents for extractive treatment of reduced crude oils and vacuum residues.

Rosenblum Counters
USE Spark Counters

ROSENBLUTH FORMULA [01]
RT Cross Sections
RT Elastic Scattering
RT Four Momentum Transfer

ROSENBLUTH-NELKIN MODEL [01]
RT Neutrons
RT Transport Theory

ROSENFELD FORCE [01]
UF *Rosenfeld Mixture*
RT Nucleon-Nucleon Potential
RT Nucleons
RT Potentials

Rosenfeld Mixture
USE Rosenfeld Force

ROSPO REACTOR [01]
UF *Casaccia ROSPO Reactor*
UF *Reattore Organico Sperimentale Potenza Zero*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ROSSELAND APPROXIMATION [01]
RT Boundary Layers
RT Heat Transfer
RT Thermal Radiation

Rossendorf Assembly for Critical Experiments
DA September 1975
USE RAKE-2 Reactor

ROSSI ALPHA METHOD [01]
RT Reactor Period

ROTARY DRILLING
DA March 1977
BT1 Drilling
RT Drilling Equipment
RT Drilling Fluids
RT Rock Drilling
RT Well Drilling

ROTARY DRILLS
DA March 1977
BT1 Drills
BT2 Drilling Equipment
BT3 Equipment
RT Drill Bits
RT Rock Drilling
RT Well Drilling

ROTARY ENGINES
DA October 1975
BT1 Internal Combustion Engines
BT2 Engines
NT1 Wankel Engines
RT Helical Rotary Screw Expander
RT KROV Machine

ROTATING CRYSTAL METHOD [01]
BT1 Diffraction Methods
RT Weissenberg Method

ROTATING DISK REMOVAL SYSTEMS
DA January 1978
BT1 Pollution Control Equipment
BT2 Equipment
RT Oil Spills
RT Water Pollution Control

ROTATING GENERATORS [01]
BT1 Electric Generators
BT1 Electrical Equipment
BT2 Equipment

ROTATION [01]
BT1 Motion
RT Angular Momentum
RT Coriolis Force
RT Guiding-Center Approximation
RT Gyroscopes
RT Moment of Inertia
RT Precession
RT Shafts

Rotational Band
USE Rotational States

ROTATIONAL INVARIANCE [01]
BT1 Invariance Principles
RT Axial Symmetry

ROTATIONAL STATES [01]
UF *Rotational Band*
BT1 Excited States
BT2 Energy Levels
RT Backbending

ROTATIONAL TRANSFORM [01]
DA April 1975
RT Magnetic Fields
RT Thermonuclear Devices
RT Tori
DEF The displacement of a magnetic line of force in a single circuit about a toroidal tube so that it does not close upon itself. The stellarator device is based on this kind of field configuration.

Rotliegende Epoch
DA October 1977
USE Permian Period

ROTONS [01]
BT1 Quasi Particles
RT Landau Liquid Helium Theory

ROTORS [01]
NT1 Darrieus Rotors
NT1 Madaras Rotors
NT1 Savonius Rotors
NT1 Tipvane Rotors
RT Flywheels
RT KROV Machine
RT Machine Parts
RT Shafts
RT Stators

Rough Vacuum
USE Low Pressure

ROUGHNESS [01]
UF *Smoothness*
BT1 Surface Properties

Rous Sarcoma Virus
DA August 1975
USE Oncogenic Viruses

ROVER REACTORS [01]
UF *Rocket Reactor Experiment Rover*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

ROVNO-1 REACTOR
DA April 1978
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

ROVNO-2 REACTOR
DA April 1978
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

ROVNO-3 REACTOR
DA April 1978
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

ROWE YANKEE REACTOR [01]
UF *Yankee Rowe Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ROYAL JELLY [01]
RT Insects
RT Radioprotective Substances

ROYALTIES
DA November 1978
BT1 Income
RT Economics
RT Mineral Resources
RT Profits

RPL DOSEMETERS [01]
UF *Fluorod*
UF *Glass Dosemeters*
UF *Radiophotoluminescent Dosemeters*
BT1 Luminescent Dosemeters
BT2 Dosemeters
BT3 Measuring Instruments
RT Phosphate Glass

RPT REACTOR [01]
UF *MR-2 Moscow Reactor*
UF *Physical and Technical Research Reactor Moscow*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Mixed Spectrum Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

RRR REACTOR [01]
UF *Mississippi State University RRR Reactor*
UF *State College Mississippi RRR Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

RSCW Reactor
USE WSUR Reactor

RSI Avogadro Reactor
USE Avogadro RS-1 Reactor

RTR REACTOR [01]
UF *Resonance Test Reactor Savannah*
UF *Savannah River Lab RTR Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Production Reactors
BT2 Reactors

RTS-1 REACTOR [01]
UF *Galileo Galilei Italy*
UF *San Piero a Grado Pisa Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Rubber (Natural)
USE Natural Rubber

RUBBER TREES
DA January 1975
BT1 Trees
BT2 Plants
RT Natural Rubber

RUBBERS [01]
BT1 Elastomers
BT2 Polymers
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
NT1 Buna
NT1 Latex
NT1 Natural Rubber
NT1 Silastic
NT1 Viton
RT Dielectric Materials
RT Vulcanization

Rubeola
DA August 1976
USE Measles

RUBIDIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

RUBIDIUM 74 [01]
DA October 1977
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 75 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 76 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 77 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 78 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 79 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 80 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 81 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 82 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 83 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 84 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei

BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 85 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUBIDIUM 86 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 87 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 88 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 89 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 90 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 91 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 92 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 93 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 94 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 96 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUBIDIUM 98 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 99 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 100 [01]
DA November 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 101 [01]
DA April 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM 102 [01]
DA April 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rubidium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

RUBIDIUM ADDITIONS [01]
BT1 Rubidium Alloys
BT2 Alloys

RUBIDIUM ALLOYS [01]
BT1 Alloys
NT1 Rubidium Additions
NT1 Rubidium Base Alloys

RUBIDIUM BASE ALLOYS [01]
BT1 Rubidium Alloys
BT2 Alloys

RUBIDIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM CARBIDES
DA March 1976
BT1 Carbides
BT2 Carbon Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM COMPLEXES [01]
BT1 Alkali Metal Complexes
BT2 Complexes

RUBIDIUM COMPOUNDS [01]
BT1 Alkali Metal Compounds
NT1 Rubidium Bromides
NT1 Rubidium Carbides
NT1 Rubidium Carbonates
NT1 Rubidium Chlorides
NT1 Rubidium Fluorides
NT1 Rubidium Hydrides
NT1 Rubidium Hydroxides
NT1 Rubidium Iodides
NT1 Rubidium Nitrates
NT1 Rubidium Oxides
NT1 Rubidium Perchlorates
NT1 Rubidium Phosphates
NT1 Rubidium Silicates
NT1 Rubidium Silicides
NT1 Rubidium Sulfates
NT1 Rubidium Sulfides
NT1 Rubidium Tellurides
NT1 Rubidium Tungstates
NT1 Rubidium Uranates

RUBIDIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM IONS [01]
BT1 Ions
BT2 Charged Particles

RUBIDIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Rubidium 74
NT1 Rubidium 75
NT1 Rubidium 76
NT1 Rubidium 77
NT1 Rubidium 78
NT1 Rubidium 79
NT1 Rubidium 80
NT1 Rubidium 81
NT1 Rubidium 82
NT1 Rubidium 83
NT1 Rubidium 84
NT1 Rubidium 85
NT1 Rubidium 86
NT1 Rubidium 87
NT1 Rubidium 88
NT1 Rubidium 89
NT1 Rubidium 90
NT1 Rubidium 91
NT1 Rubidium 92
NT1 Rubidium 93
NT1 Rubidium 94
NT1 Rubidium 95
NT1 Rubidium 96
NT1 Rubidium 97
NT1 Rubidium 98
NT1 Rubidium 99
NT1 Rubidium 100
NT1 Rubidium 101
NT1 Rubidium 102

RUBIDIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM PERCHLORATES
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds

RUBIDIUM SILICATES [01]
DA November 1976
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

RUBIDIUM SILICIDES
DA January 1977
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Silicides
BT2 Silicon Compounds

RUBIDIUM SULFATES [01]
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

RUBIDIUM SULFIDES
DA February 1976
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

RUBIDIUM 84 TARGET [01]
DA August 1976
BT1 Targets

RUBIDIUM 85 TARGET [01]
DA July 1976
BT1 Targets

RUBIDIUM 87 TARGET [01]
DA July 1976
BT1 Targets

RUBIDIUM TELLURIDES [01]
DA May 1979
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

RUBIDIUM TUNGSTATES [01]
DA January 1975
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Tungstates

RUBIDIUM URANATES [01]
DA August 1975
BT1 Rubidium Compounds
BT2 Alkali Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

RUBY [01]
BT1 Corundum
BT2 Aluminium Oxides
BT3 Aluminium Compounds
BT3 Oxides
BT4 Chalcogenides
BT4 Oxygen Compounds
BT2 Minerals

RUBY LASERS [01]
BT1 Solid State Lasers
BT2 Lasers

RUDERMAN-KITTEL COUPLING [01]
BT1 Coupling

RUDSTAM FORMULA [01]
RT Spallation

RULISON EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions

BT2 Explosions
BT1 Plowshare Project
RT Natural Gas
RT Oil Shales

RUM JUNGLE PROJECT
BT1 Mines

Rumania
USE Romania

Rumen
USE Ruminants
AND Stomach

RUMINANTS [01]
UF+ *Rumen*
BT1 Mammals
BT2 Vertebrates
BT3 Animals
NT1 Antelopes
NT1 Cattle
NT2 Calves
NT2 Cows
NT1 Deer
NT1 Goats
NT1 Llamas
NT1 Sheep

Runaway (Reactor Accident)
USE Excursions

RUNAWAY ELECTRONS [01]
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions

RUNGE-KUTTA METHOD
DA August 1978
BT1 Iterative Methods
BT1 Numerical Solution
RT Differential Equations
RT Mathematics

RUNOFF
DA July 1978
BT1 Environmental Transport
BT2 Mass Transfer
RT Atmospheric Precipitations
RT Floods
RT Rain Water
RT Storms
RT Watersheds

Rupture Disks
DA June 1975
USE Relief Valves

RUPTURES [01]
BT1 Failures
RT Fracture Properties
RT Fractures

RURAL AREAS [01]
RT Boom Towns
RT Remote Areas
RT Residential Sector
RT Rural Energy Centers
RT Rural Populations

RURAL ENERGY CENTERS
DA August 1977
RT Developing Countries
RT Energy Facilities
RT Energy Parks
RT Rural Areas
DEF Centers to improve the basic living environment by exploiting renewable energy at the rural level.

RURAL POPULATIONS [01]
BT1 Human Populations
BT2 Populations
RT Rural Areas

Russell-Saunders Coupling
USE L-S Coupling

Russellville-1 Arkansas Reactor
USE Arkansas-1 Reactor

Russellville-2 Arkansas Reactor
USE Arkansas-2 Reactor

RUTHENIUM [01]
BT1 Platinum Metals
BT2 Transition Elements
BT3 Metals
BT4 Elements
BT1 Refractory Metals
BT2 Metals
BT3 Elements

RUTHENIUM 92 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ruthenium Isotopes

RUTHENIUM 93 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUTHENIUM 94 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ruthenium Isotopes

RUTHENIUM 95 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 97 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 98 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 99 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 100 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 101 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 102 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 103 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 104 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

RUTHENIUM 105 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 106 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei

BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUTHENIUM 107 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ruthenium Isotopes

RUTHENIUM 108 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ruthenium Isotopes

RUTHENIUM 109 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 110 [01]
DA May 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUTHENIUM 111 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes

RUTHENIUM 112 [01]
DA February 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ruthenium Isotopes

RUTHENIUM 113 [01]
DA February 1979
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Ruthenium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

RUTHENIUM ADDITIONS [01]
BT1 Ruthenium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

RUTHENIUM ALLOYS [01]
BT1 Platinum Metal Alloys
BT2 Alloys
NT1 Ruthenium Additions
NT1 Ruthenium Base Alloys

RUTHENIUM BASE ALLOYS [01]
BT1 Ruthenium Alloys
BT2 Platinum Metal Alloys
BT3 Alloys

RUTHENIUM BORIDES [01]
DA January 1975
BT1 Borides
BT2 Boron Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM BROMIDES [01]
DA October 1977
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

RUTHENIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Ruthenium Borides
NT1 Ruthenium Bromides
NT1 Ruthenium Carbides
NT1 Ruthenium Chlorides
NT1 Ruthenium Fluorides
NT1 Ruthenium Hydrides
NT1 Ruthenium Hydroxides
NT1 Ruthenium Nitrates
NT1 Ruthenium Nitrides
NT1 Ruthenium Nitrosyls
NT1 Ruthenium Oxides
NT1 Ruthenium Phosphides
NT1 Ruthenium Selenides
NT1 Ruthenium Sulfates
NT1 Ruthenium Sulfides
NT1 Ruthenium Tellurides

RUTHENIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM HYDRIDES [01]
DA October 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM IONS [01]
BT1 Ions
BT2 Charged Particles

RUTHENIUM ISOTOPES [01]
NT1 Ruthenium 92
NT1 Ruthenium 93
NT1 Ruthenium 94
NT1 Ruthenium 95
NT1 Ruthenium 96
NT1 Ruthenium 97
NT1 Ruthenium 98
NT1 Ruthenium 99
NT1 Ruthenium 100
NT1 Ruthenium 101
NT1 Ruthenium 102
NT1 Ruthenium 103
NT1 Ruthenium 104
NT1 Ruthenium 105
NT1 Ruthenium 106
NT1 Ruthenium 107
NT1 Ruthenium 108
NT1 Ruthenium 109
NT1 Ruthenium 110
NT1 Ruthenium 111
NT1 Ruthenium 112
NT1 Ruthenium 113

RUTHENIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM NITRIDES
DA December 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM NITROSYLS [01]
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM PHOSPHIDES [01]
DA January 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Ruthenium Compounds
BT2 Transition Element Compounds

RUTHENIUM SELENIDES
DA April 1976
BT1 Ruthenium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

RUTHENIUM SULFATES [01]
BT1 Ruthenium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

RUTHENIUM SULFIDES [01]
DA December 1978
BT1 Ruthenium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

RUTHENIUM 96 TARGET [01]
DA July 1976
BT1 Targets

RUTHENIUM 98 TARGET [01]
DA February 1979

BT1 Targets

RUTHENIUM 99 TARGET [01]
DA December 1978
BT1 Targets

RUTHENIUM 100 TARGET [01]
DA July 1976
BT1 Targets

RUTHENIUM 101 TARGET [01]
DA November 1976
BT1 Targets

RUTHENIUM 102 TARGET [01]
DA July 1976
BT1 Targets

RUTHENIUM 104 TARGET [01]
DA July 1976
BT1 Targets

RUTHENIUM TELLURIDES
DA March 1977
BT1 Ruthenium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

RUTHERFORD SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering

RUTHERFORDITE [01]
BT1 Uranium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

RUTILE [01]
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
BT1 Titanium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds

RV-1 REACTOR [01]
UF *Reactor Venezolano-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

RWE-Bayernwerk-B Reactor
DA May 1976
USE Gundremmingen-2 Reactor

RWE-Bayernwerk-C Reactor
DA May 1976
USE Gundremmingen-3 Reactor

RWE-BAYERNWERK REACTOR [01]
UF *Gundremminger KRB Reactor*
UF *Kernkraftwerk RWE-Bayernwerk*
UF *KRB Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

RWSU Reactor
USE WSUR Reactor

RYDBERG CONSTANT
DA February 1975
BT1 Fundamental Constants

RYDBERG CORRECTION [01]
UF *Rydberg States*
BT1 Corrections
RT Balmer Lines
RT Energy Levels
RT Energy Spectra

RYDBERG EQUATION [01]
BT1 Equations

RYDBERG-KLEIN-REES METHOD [01]
UF *RKR Method*
RT Electronic Structure
RT Spectra
RT Vibrational States

Rydberg States
DA November 1977
USE Rydberg Correction

RYE [01]
UF *Secale*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants
RT Claviceps

S CENTERS [01]
DA July 1978
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

S CHANNEL [01]
RT Mandelstam Representation
RT Particle Interactions
RT T Channel
RT U Channel

S CODES [01]
BT1 Computer Codes

S MATRIX [01]
UF *Collision Matrix*
UF *T Matrix*
BT1 Matrices
RT Analytic Functions
RT Detailed Balance Principle
RT Landau Curves
RT Quantum Field Theory
RT Scattering
RT Scattering Amplitudes
RT Singularity
RT Unitarity
RT Unitary Pole Approximation
RT Yang-Feldman Formalism

S-N DIAGRAM [01]
BT1 Diagrams
RT Fatigue
RT Materials Testing
RT Stresses

S PROCESS [01]
BT1 Star Evolution
RT Nucleosynthesis
RT Stars
DEF Slow process in stellar nucleosynthesis.

S4 Reactor
DA April 1975
USE Snap 4 Reactor

S-1000 RESONANCES [01]
DA January 1975
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

S-1930 RESONANCES [01]
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

S STATES [01]
BT1 Energy Levels

S WAVES [01]
BT1 Partial Waves
RT Angular Momentum
RT Quantum Mechanics

S Waves (Seismic)
DA November 1976
USE Seismic S Waves

SAARBERG-HOLTER PROCESS
DA May 1979
RT Desulfurization
RT Waste Processing
DEF A wet lime scrubbing process with additives; gypsum by-product.

SAARBERG-OTTO GASIFICATION PROCESS
DA November 1977
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF High temperature process with concurrent flow carburetor operating at 25 bar and below the melting point of slag.

SABOTAGE [01]
RT Adversaries
RT Hazards
RT Physical Protection
RT Safety
RT Secrecy Protection
RT Security
RT Theft
RT Vulnerability

SABUGALITE [01]
BT1 Aluminium Phosphates
BT2 Aluminium Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

SACCHARIDES [01]
UF *Glycides*
UF *Sugars*
UF+ *Amino Sugars*
UF+ *Aminoglycides*
UF+ *Streptozotocin*

UF+ *Streptozotocin 7*
BT1 Carbohydrates
BT2 Organic Compounds
NT1 Gangliosides
NT1 Glucoproteins
NT2 Ovalbumin
NT1 Glycolipids
NT2 Cerebrosides
NT1 Molasses
NT1 Monosaccharides
NT2 Erythritol
NT2 Hexoses
NT3 Cycasin
NT3 Fructose
NT3 Galactose
NT3 Glucose
NT3 Hexosamines
NT4 Glucosamine
NT3 Mannose
NT3 Sorbose
NT2 Inositols
NT3 Inositol
NT2 Pentoses
NT3 Arabinose
NT3 Deoxyribose
NT3 Ribose
NT3 Ribulose
NT3 Xylose
NT2 Sedoheptulose
NT2 Sorbitol
NT1 Oligosaccharides
NT2 Disaccharides
NT3 Cellobiose
NT3 Lactose
NT3 Maltose
NT3 Melibiose
NT3 Saccharose
NT2 Raffinose
NT1 Polysaccharides
NT2 Agar
NT2 Alginic Acid
NT2 Cellophane
NT2 Cellulose
NT2 Dextran
NT2 Dextrin
NT2 Glycogen
NT2 Gum Acacia
NT2 Hemicellulose
NT3 Xylans
NT2 Inulin
NT2 Lignin
NT2 Lipopolysaccharides
NT2 Mucopolysaccharides
NT3 Chitin
NT3 Chondroitin
NT3 Heparin
NT3 Hyaluronic Acid
NT2 Mucoproteins
NT3 Haptoglobins
NT3 Intrinsic Factor
NT3 Phytohemagglutinin
NT2 Nitrocellulose
NT2 Pectins
NT2 Rayon
NT2 Sialic Acid
NT2 Starch
NT2 Viscose
RT Glycolysis
RT Glycosuria
RT Hyperglycemia

SACCHARIN [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Thiazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

SACCHAROMYCES [01]
BT1 Yeasts
BT2 Fungi
BT3 Plants
BT2 Microorganisms
NT1 Saccharomyces Cerevisiae

SACCHAROMYCES CEREVISIAE [01]
BT1 Saccharomyces
BT2 Yeasts
BT3 Fungi
BT4 Plants
BT3 Microorganisms

SACCHAROSE [01]
UF *Sucrose*
UF *Sugar*
BT1 Disaccharides
BT2 Oligosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds

Saclay (CEA)
USE CEA Saclay

SACLAY LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

Saclay Proserpine Reactor
USE Proserpine Reactor

Saclay Synchrotron
USE Saturne

SADDLE-POINT METHOD [01]
RT Mathematics

SAFARI-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SAFEGUARD REGULATIONS [01]
BT1 Regulations
RT Nuclear Materials Possession
RT Safeguards

SAFEGUARDS [01]
NT1 Domestic Safeguards
NT1 IAEA Safeguards
RT Accounting
RT Atomic Energy Control
RT Denatured Fuel
RT Detection
RT Equipment Protection Devices
RT Inspection
RT Legal Aspects
RT Losses
RT Material Balance Area
RT Material Unaccounted For
RT Motion Detection Systems
RT Non-Proliferation Treaty
RT Nuclear Materials Diversion
RT Nuclear Materials Management
RT Nuclear Materials Possession
RT Physical Protection
RT Physical Protection Devices
RT Proliferation
RT Safeguard Regulations
RT Strategic Points
RT Surveillance
RT Vulnerability

SAFETY [01]
(For general aspects of safety and protection of personnel.)
UF *Protection*
NT1 Emergency Plan
NT1 Occupational Safety
NT1 Reactor Safety
RT Accidents
RT Civil Defense
RT Damage
RT Failures
RT Fire Extinguishers
RT Fire Fighting
RT Fire Prevention
RT Hazards
RT Health Hazards
RT Injuries
RT Mine Rescue
RT Occupational Safety and Health Act
RT Personnel
RT Quality Assurance
RT Quality Control
RT Radiation Protection
RT Sabotage
RT Safety Engineering
RT Safety Showers
RT Security
RT Working Conditions

Safety (Nuclear)
USE Radiation Protection

Safety (Reactor)
USE Reactor Safety

SAFETY ENGINEERING [01]
BT1 Engineering
RT Alarm Systems
RT Fires
RT Freeze Protection
RT Hazards
RT Pressure Release
RT Reactor Safety
RT Safety
RT Systems Analysis

SAFETY INJECTION
DA January 1975
UF *Boron Injection*
RT ECCS

Safety Research Experiment Facility Reactor
DA August 1976
USE SAREF Reactor

Safety Rods
USE Scram Rods

SAFETY SHOWERS [01]
DA April 1975
UF *Emergency Showers*
RT Burns
RT Decontamination
RT First Aid
RT Hazards
RT Radiation Protection
RT Safety
RT Washing

SAFETY STANDARDS [01]
BT1 Standards
NT1 Dose Limits
NT1 Maximum Acceptable Contamination
NT1 Maximum Inhalation Quantity
NT1 Maximum Permissible Activity
NT1 Maximum Permissible Body Burden
NT1 Maximum Permissible Concentration
NT1 Maximum Permissible Dose
NT1 Maximum Permissible Exposure
NT1 Maximum Permissible Intake
NT1 Maximum Permissible Level
RT Ges Fuer Reaktorsicherheit
RT Legal Aspects
RT Licensing
RT Radiation Protection
RT Reactor Safety
RT Recommendations
RT Regulations

Safety Test Facility Reactor
DA November 1976
USE STF Reactor

SAHA EQUATION [01]
UF *Saha-Langmuir Equation*
BT1 Equations
RT Electric Discharges

RT Thermodynamics

Saha-Langmuir Equation
USE Saha Equation

SAINT CLAIR RIVER
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Canada
RT Michigan

SAINT JOHN RIVER
DA October 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Canada

SAINT LAURENT-1 REACTOR [01]
UF *EDF-4 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SAINT LAURENT-2 REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Salam Hypothesis
USE Lee-Yang Theory

SALAM-POLKINGHORNE THEORY [01]
RT Isospin

SALAMANDERS [01]
UF *Newts*
BT1 Amphibians
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals
NT1 Axolotl
NT1 Triturus

SALEEITE [01]
BT1 Magnesium Phosphates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Salem Nuclear Generating Station Unit-1
USE Salem-1 Reactor

Salem Nuclear Generating Station Unit-2
USE Salem-2 Reactor

SALEM-1 REACTOR [01]
UF *Salem Nuclear Generating Station Unit-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SALEM-2 REACTOR [01]
UF *Salem Nuclear Generating Station Unit-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Sales
DA May 1979
SEE Trade

SALICYLIC ACID [01]
UF *Hydroxybenzoic Acid-ortho*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT PAS

SALINITY [01]
RT Desalination
RT Estuaries
RT Salinity Gradients
RT Salts
RT Seawater

SALINITY GRADIENT POWER PLANTS
DA September 1977
UF *Osmotic Power Plants*
RT Seawater
RT Solar Power Plants

SALINITY GRADIENTS
DA September 1977
RT Salinity
RT Seawater

SALIVA [01]
BT1 Body Fluids
BT2 Biological Materials
RT Amylase
RT Salivary Glands

SALIVARY GLANDS [01]
BT1 Glands
BT2 Organs
BT3 Body
RT Oral Cavity
RT Saliva

SALMIN [01]
BT1 Protamines
BT2 Proteins
BT3 Organic Compounds

SALMON [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

SALMON EVENT [01]
BT1 Vela Project

SALMONELLA [01]
BT1 Bacteria
BT2 Microorganisms
NT1 Salmonella Typhimurium
RT Paratyphoid
RT Typhoid

SALMONELLA TYPHIMURIUM [01]
BT1 Salmonella
BT2 Bacteria
BT3 Microorganisms

SALT CAVERNS
DA April 1979
BT1 Cavities
RT Caves
RT Salt Deposits

SALT DEPOSITS [01]
BT1 Geologic Deposits
RT Anticlines
RT Radioactive Waste Disposal
RT Salt Caverns
RT Salt Vault Project
RT Underground Disposal

SALT VAULT PROJECT [01]
RT Radioactive Wastes
RT Salt Deposits
RT Waste Disposal

SALTEX PROCESS [01]
BT1 Purex Process
BT2 Reprocessing
BT3 Separation Processes

SALTING-OUT AGENTS [01]
RT Precipitation
RT Solvent Extraction

SALTON SEA
DA January 1975
BT1 Imperial Valley
BT2 California
BT3 USA
BT4 North America
BT3 Western Region
RT Geothermal Fields
RT Salton Sea Geothermal Field

SALTON SEA GEOTHERMAL FIELD
DA July 1975
BT1 Geothermal Fields
RT California
RT Salton Sea

SALTS [01]
(Use specific salts whenever possible)
NT1 Molten Salts
NT2 Flibe
RT Brines
RT Desalination
RT Salinity

SALYUT ORBITAL STATIONS [01]
BT1 Satellites
BT1 Space Vehicles

SAMARIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements
RT Samarium Oscillations

SAMARIUM 133 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 134 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes

BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 135 [01]
DA October 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 137 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 138 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 139 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 140 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 141 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 142 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 143 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 144 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 145 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 146 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 147 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 148 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 149 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 150 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 151 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 152 [01]
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 153 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 154 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SAMARIUM 155 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 156 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM 157 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SAMARIUM 158 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Samarium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

SAMARIUM ADDITIONS [01]
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Samarium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

SAMARIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Samarium Additions
NT1 Samarium Base Alloys

SAMARIUM ARSENIDES
DA March 1977
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM BASE ALLOYS [01]
BT1 Samarium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

SAMARIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

SAMARIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Samarium Arsenides
NT1 Samarium Borides
NT1 Samarium Bromides
NT1 Samarium Carbides
NT1 Samarium Carbonates
NT1 Samarium Chlorides
NT1 Samarium Fluorides
NT1 Samarium Hydrides
NT1 Samarium Hydroxides
NT1 Samarium Iodides
NT1 Samarium Nitrates
NT1 Samarium Nitrides
NT1 Samarium Oxides
NT1 Samarium Perchlorates
NT1 Samarium Phosphates
NT1 Samarium Phosphides
NT1 Samarium Selenides
NT1 Samarium Silicates
NT1 Samarium Silicides
NT1 Samarium Sulfates
NT1 Samarium Sulfides
NT1 Samarium Tellurides
NT1 Samarium Tungstates

Samarium Effect
USE Samarium Oscillations

SAMARIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SAMARIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Samarium 133
NT1 Samarium 134
NT1 Samarium 135
NT1 Samarium 137
NT1 Samarium 138
NT1 Samarium 139
NT1 Samarium 140
NT1 Samarium 141
NT1 Samarium 142
NT1 Samarium 143
NT1 Samarium 144
NT1 Samarium 145
NT1 Samarium 146
NT1 Samarium 147
NT1 Samarium 148
NT1 Samarium 149
NT1 Samarium 150
NT1 Samarium 151
NT1 Samarium 152
NT1 Samarium 153
NT1 Samarium 154
NT1 Samarium 155
NT1 Samarium 156
NT1 Samarium 157
NT1 Samarium 158

SAMARIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM NITRIDES [01]
BT1 Nitrides

BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM OSCILLATIONS
DA February 1975
UF *Samarium Effect*
BT1 Poisoning
RT Nuclear Poisons
RT Oscillations
RT Reactor Poison Removal
RT Samarium
DEF Effects of fission-product samarium on reactor operation.

SAMARIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM PERCHLORATES
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM PHOSPHIDES [01]
DA May 1979
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Samarium Compounds
BT2 Rare Earth Compounds

SAMARIUM SELENIDES
DA August 1977
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

SAMARIUM SILICATES [01]
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

SAMARIUM SILICIDES [01]
DA December 1975
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Silicides
BT2 Silicon Compounds

SAMARIUM SULFATES [01]
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

SAMARIUM SULFIDES [01]
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SAMARIUM 144 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 145 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 146 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 147 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 148 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 149 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 150 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 151 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 152 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM 154 TARGET [01]
DA July 1976
BT1 Targets

SAMARIUM TELLURIDES [01]
DA August 1976
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

SAMARIUM TUNGSTATES
DA November 1976
BT1 Samarium Compounds
BT2 Rare Earth Compounds
BT1 Tungstates

SAMPLE CHANGERS [01]
RT Laboratory Equipment
RT Materials Handling
RT Remote Handling
RT Sample Holders

SAMPLE HOLDERS [01]
DA November 1975
UF *Specimen Holders*
RT Remote Handling
RT Sample Changers

SAMPLE PREPARATION [01]
UF *Preparation (Sample)*
RT Ceramography
RT Dry Ashing
RT Electron Microscopy
RT Surface Treatments
RT Wet Ashing

SAMPLERS [01]
BT1 Laboratory Equipment
NT1 Air Samplers
RT Filters
RT Sampling

SAMPLING [01]
RT Elutriation
RT Inspection
RT Quality Control
RT Samplers
RT Testing
RT Ultrafiltration

SAN ANTONIO BAY [01]
BT1 Gulf of Mexico
BT2 Caribbean Sea
BT3 Atlantic Ocean
BT4 Seas
BT5 Surface Waters
RT Texas

SAN BERNARDINO MOUNTAINS [01]
BT1 Mountains
RT California

SAN FRANCISCO BAY [01]
BT1 Pacific Ocean
BT2 Seas
BT3 Surface Waters
RT California

SAN JUAN POWER PLANT
DA December 1976
BT1 Fossil-Fuel Power Plants
BT2 Thermal Power Plants
BT3 Power Plants

SAN ONOFRE-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SAN ONOFRE-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SAN ONOFRE-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

San Piero a Grado Pisa Reactor
USE RTS-1 Reactor

SAND [01]
NT1 Black Sands
RT Alluvial Deposits
RT Aquifers
RT Building Materials
RT Clays
RT Concretes
RT Deserts
RT Reservoir Rock
RT Sandstones
RT Silicon Oxides
RT Soils

Sand Pressure
DA September 1978
USE Reservoir Pressure

SAND WASH BASIN
DA January 1975
BT1 Colorado
BT2 Rocky Mountain Region
BT3 USA
BT4 North America

Sandia Engineering Reactor FAcility
USE SERF Reactor

SANDIA LABORATORIES [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations

Sandia Pulsed Reactor-II
USE SPR-2 Reactor

SANDSTONES [01]
BT1 Sedimentary Rocks
BT2 Rocks
RT Interstitial Water
RT Montroseite
RT Sand

SANICRO 30 [01]
DA December 1978
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys

SANITARY LANDFILLS
DA September 1975
UF *Land Fills*
BT1 Waste Disposal
BT2 Waste Management
BT3 Management

SANTA BARBARA CHANNEL
DA January 1977
RT California
RT Continental Shelf
RT Pacific Ocean

Santa Maria de Garona Nuclear Power Plant
USE Garona Reactor

Santa Maria de Garona Power Reactor
USE Garona Reactor

SANTEE RIVER
DA August 1977
BT1 Rivers
BT2 Streams
BT3 Surface Waters

SANTOWAX [01]
BT1 Polyphenyls
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydrocarbons
BT3 Organic Compounds
BT1 Waxes
BT2 Other Organic Compounds
BT3 Organic Compounds

SAP [01]
UF *Sintered Aluminum Powders*
BT1 Sintered Materials
RT Aluminium

SAPHIR REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SAPONIFICATION [01]
BT1 Hydrolysis
BT2 Lysis
BT2 Solvolysis
BT3 Decomposition
BT4 Chemical Reactions

SAPONINS [01]
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds

SAPPHIRE [01]
DA January 1975
BT1 Corundum
BT2 Aluminium Oxides
BT3 Aluminium Compounds
BT3 Oxides
BT4 Chalcogenides
BT4 Oxygen Compounds
BT2 Minerals

SAPROPELIC COAL
DA May 1978
BT1 Coal
BT2 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
NT1 Boghead Coal
NT2 Torbanite
NT1 Cannel Coal

SAR-2 Reactor
USE Stark Reactor

SARCOMAS [01]
UF+ *Chondrosarcomas*
BT1 Neoplasms
BT2 Diseases
NT1 Fibrosarcomas
NT1 Lymphosarcomas
NT1 Myosarcomas
NT2 Rhabdomyosarcomas
NT1 Osteosarcomas

SARCOSINE [01]
UF *Methyl Glycocoll*
UF *Methylaminoacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Glycine

SAREF REACTOR [01]
DA August 1976
UF *Safety Research Experiment Facility Reactor*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SARGASSO SEA [01]
BT1 Atlantic Ocean
BT2 Seas
BT3 Surface Waters

SARGENT DIAGRAMS [01]
BT1 Diagrams
RT Beta Decay
RT Energy

Sarson
USE Brassica

SASKATCHEWAN [01]
BT1 Canada
BT2 North America
RT Athabasca Lake
RT Cold Lake Deposit

SASOL PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF South African Coal, Oil, and Gas Co. Ltd. process for indirect conversion of coal to synthetic crude oil by complete gasification to CO and H followed by Fisher-Tropsch synthesis.

Satellite Power System
DA May 1979
USE Orbital Solar Power Plants

Satellite Solar Power Stations
DA May 1979
USE Orbital Solar Power Plants

SATELLITES [01]
NT1 Alouette Satellites
NT1 Ariel Satellites
NT1 ATS Satellites
NT1 Biosatellites
NT1 Early Bird Satellites
NT1 Explorer Satellites
NT1 Geos Satellites
NT1 IMP Satellites
NT1 Interkosmos Satellites
NT1 Kosmos Satellites
NT1 Molniya Satellites
NT1 Moon
NT1 OGO Satellites
NT1 Orbiting Solar Observatories
NT1 Power Relay Satellites
NT1 Prognoz Satellites
NT1 Proton Satellites
NT1 Salyut Orbital Stations
NT1 Skylab
RT Attitude Control
RT Orbital Solar Power Plants
RT Space Flight
RT Space Vehicles

Saturable Core Magnetometers
USE Fluxgate Magnetometers

SATURATION [01]
NT1 Gas Saturation
NT1 Oil Saturation
NT1 Supersaturation
RT Solubility
RT Solutions

SATURN PLANET [01]
BT1 Planets

SATURNE [01]
UF *Saclay Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

SAUDI ARABIA [01]
DA January 1975
BT1 Asia
RT OPEC

SAUSAGE INSTABILITY [01]
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability

Savannah (Nuclear Ship)
USE NS Savannah

Savannah Pressurized Subcritical Experiment
USE PSE Reactor

SAVANNAH REACTOR [01]
UF *Nuclear Ship Savannah Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT NS Savannah

SAVANNAH RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Georgia
RT South Carolina

Savannah River Lab RTR Reactor
USE RTR Reactor

SAVANNAH RIVER PLANT [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT South Carolina

Savannah River Plant K Reactor
USE K Reactor

Savannah River Plant P Reactor
USE P Reactor

Savannah River Plant R Reactor
USE R Reactor

Savannah River Process Development Reactor
USE PDP Reactor

Savannah River Test Pile-305
USE SR-305 Reactor

SAVONIUS ROTORS
DA February 1976
BT1 Rotors
RT Vertical Axis Turbines

Sawada Method
USE Goldstone Diagrams

Saxon-Woods Potential
USE Woods-Saxon Potential

SAXTON REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SBR-1 REACTOR [01]
UF *BR-1 Reactor (USSR)*
UF *Soviet Breeder Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

SBR-2 REACTOR [01]
UF *BR-2 Reactor (USSR)*
UF *Soviet Breeder Reactor-2*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Mercury Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

SBR-5 REACTOR [01]
UF *BR-5 Reactor (USSR)*
UF *Soviet Breeder Reactor-5*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

S1C PROTOTYPE REACTOR [01]
BT1 Mobile Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

SCA REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SCALAR FIELDS [01]
RT Quantum Field Theory

SCALAR MESONS [01]
BT1 Mesons
BT2 Bosons
BT2 Hadrons
BT3 Elementary Particles
RT Sigma Model

SCALARS [01]
RT Mathematics
RT Pseudoscalars
RT Tensors

SCALE CONTROL
DA May 1978
RT Scaling

SCALE DIMENSION [01]
DA April 1975
NT1 Anomalous Dimension
NT1 Canonical Dimension
RT Conformal Invariance
RT Quantum Field Theory
RT Scale Invariance
DEF A natural number characteristic of the scale-transformation properties of a given quantum field.

SCALE HEIGHT
DA January 1975
BT1 Height
BT2 Dimensions
RT Ionosphere
RT Virtual Height
DEF A measure of the relationship between density and temperature at any point in the atmosphere.

SCALE INVARIANCE [01]
BT1 Invariance Principles
RT Conformal Invariance
RT Particle Rapidity
RT Scale Dimension

SCALERS [01]
UF *Scaling Units*
BT1 Electronic Equipment
RT Counting Circuits
RT Counting Tubes
RT Pulse Techniques
RT Radiation Detectors

SCALING [01]
RT Corrosion
RT Corrosion Products
RT Deposition
RT Descaling
RT High Temperature
RT Precipitation
RT Scale Control
DEF Forming a thick layer of metallic oxides on metals at high temperature. Also, depositing of solid inorganic solutes from water on a metal surface, such as a cooling tube or boiler.

SCALING LAWS [01]
RT Calibration
RT Mathematical Models
RT Simulation

Scaling Units
USE Scalers

SCANDINAVIA [01]
BT1 Europe
NT1 Denmark
NT1 Finland
NT1 Norway
NT1 Sweden

SCANDIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

SCANDIUM 40 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SCANDIUM 41 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SCANDIUM 42 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SCANDIUM 43 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 44 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes

BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 45 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SCANDIUM 46 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SCANDIUM 47 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 48 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 49 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 50 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SCANDIUM 51 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM 52
DA May 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Scandium Isotopes

SCANDIUM ADDITIONS [01]
BT1 Scandium Alloys
BT2 Alloys

SCANDIUM ALLOYS [01]
BT1 Alloys
NT1 Scandium Additions
NT1 Scandium Base Alloys

SCANDIUM BASE ALLOYS [01]
BT1 Scandium Alloys
BT2 Alloys

SCANDIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM BROMIDES [01]
DA November 1976
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

SCANDIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Scandium Borides
NT1 Scandium Bromides
NT1 Scandium Carbides
NT1 Scandium Chlorides
NT1 Scandium Fluorides
NT1 Scandium Hydrides
NT1 Scandium Hydroxides
NT1 Scandium Iodides
NT1 Scandium Nitrates
NT1 Scandium Nitrides
NT1 Scandium Oxides
NT1 Scandium Perchlorates
NT1 Scandium Phosphates
NT1 Scandium Selenides
NT1 Scandium Silicates
NT1 Scandium Silicides
NT1 Scandium Sulfates
NT1 Scandium Sulfides

SCANDIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SCANDIUM ISOTOPES [01]
NT1 Scandium 40
NT1 Scandium 41
NT1 Scandium 42
NT1 Scandium 43
NT1 Scandium 44
NT1 Scandium 45
NT1 Scandium 46
NT1 Scandium 47
NT1 Scandium 48
NT1 Scandium 49
NT1 Scandium 50
NT1 Scandium 51
NT1 Scandium 52

SCANDIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM PERCHLORATES
DA November 1977
BT1 Perchlorates

BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM PHOSPHATES [01]
DA November 1976
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Scandium Compounds
BT2 Transition Element Compounds

SCANDIUM SELENIDES [01]
DA February 1979
BT1 Scandium Compounds
BT2 Transition Element Compounds
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds

SCANDIUM SILICATES [01]
BT1 Scandium Compounds
BT2 Transition Element Compounds
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds

SCANDIUM SILICIDES [01]
DA March 1978
BT1 Scandium Compounds
BT2 Transition Element Compounds
BT1 Silicides
BT2 Silicon Compounds

SCANDIUM SULFATES [01]
BT1 Scandium Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

SCANDIUM SULFIDES [01]
BT1 Scandium Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SCANDIUM 45 TARGET [01]
DA July 1976
BT1 Targets

SCANDIUM 47 TARGET
DA July 1979
BT1 Targets

Scanners (Image)
USE Image Scanners

Scanners (optical)
DA April 1977
USE Optical Scanners

Scanning (Electron)
USE Electron Scanning

Scanning (Radioisotope)
USE Radioisotope Scanning

SCANNING MEASURING PROJECTORS [01]
UF *Franckenstein*
UF *Projectors (Scanning)*
UF *SMP Devices*
BT1 Digitizers

SCATTERING [01]
NT1 Backscattering
NT1 Coherent Scattering
NT2 Brillouin Effect
NT2 Diffraction
NT3 Atomic Beam Diffraction
NT3 Electron Diffraction
NT3 Neutron Diffraction
NT3 X-Ray Diffraction
NT2 Rayleigh Scattering
NT1 Elastic Scattering
NT2 Bhabha Scattering
NT2 Compton Effect
NT2 Coulomb Scattering
NT2 Moeller Scattering
NT2 Mott Scattering
NT2 Potential Scattering
NT2 Rutherford Scattering
NT2 Wigner Scattering
NT1 Incoherent Scattering
NT1 Inelastic Scattering
NT2 Deep Inelastic Scattering
NT2 Delbrueck Scattering
NT2 Resonance Scattering
NT2 Thomson Scattering
NT1 Multiple Scattering
NT1 Proximity Scattering
NT1 *Quasi-Elastic Scattering*
NT1 Rescattering
NT1 Small Angle Scattering
RT Adiabatic Approximation
RT Analyzing Power
RT Binary Encounter Method
RT Blankenbecler-Sugar Equations
RT Born Approximation
RT Born-Oppenheimer Approximation
RT Brinkman-Kramers Approximation
RT Buildup
RT Center-of-Mass System
RT Collisions
RT Conspiracy Relations
RT Coupled Channel Born Approximation
RT Detailed Balance Principle
RT Diabatic Approximation
RT Dispersion Relations
RT DWBA
RT Effective Range Theory
RT Four Momentum Transfer
RT FSC Approximation
RT Glauber Theory
RT Gribov-Lipatov Relation
RT Haywood Model
RT Impact Parameter
RT Impulse Approximation
RT Interactions
RT Inverse Scattering Problem
RT Ion Scattering Analysis
RT Jost Function
RT Laboratory System
RT Landau Curves
RT Levinson Theorem
RT Light Scattering
RT Nuclear Reactions
RT Partial Waves
RT Perturbation Theory
RT Phase Shift
RT Polarization-Asymmetry Ratio
RT Radiation Scattering Analysis
RT Raman Effect
RT Resonating-Group Method
RT S Matrix
RT Scattering Amplitudes
RT Scattering Lengths
RT Semiclassical Approximation
RT Shadow Effect
RT Shielding
RT Spectroscopic Factors
RT Stray Radiation
RT Targets
RT Threshold Energy
RT Transport Theory
RT WKB Approximation
RT Zemach-Glauber Formalism

SCATTERING AMPLITUDES [01]
BT1 Amplitudes
RT ABFST Equation
RT Argand Diagrams
RT Crossing Symmetry
RT Dispersion Relations
RT Duality
RT Eikonal Approximation
RT Linear Absorption Models
RT Partial Waves
RT Quasipotential Equation
RT Regge Poles
RT S Matrix
RT Scattering
RT Singularity
RT Veneziano Model

SCATTERING LENGTHS [01]
RT Scattering

SCATTERPLOTS [01]
BT1 Diagrams
NT1 Argand Diagrams
NT1 Dalitz Plot
NT1 Prism Plot
DEF Two-dimensional projections of multidimensional data.

SCAVENGING [01]
RT Hot Atom Chemistry
RT Radiation Chemistry
RT Radicals
RT Radioprotective Substances

Scavenging (Atmospheric)
USE Washout

SCENEDESMUS [01]
BT1 Unicellular Algae
BT2 Algae
BT3 Plants
BT2 Microorganisms

SCHIFF BASES [01]
BT1 Imines
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

SCHIFFER POTENTIAL [01]
DA December 1976
BT1 Nucleon-Nucleon Potential
BT2 Potentials

SCHISTOSOMA [01]
BT1 Trematodes
BT2 Helminths
BT3 Parasites
BT2 Platyhelminths
BT3 Invertebrates
BT4 Animals
RT Schistosomiasis

SCHISTOSOMIASIS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Schistosoma
RT Snails

SCHISTS [01]
DA January 1975
BT1 Rocks
DEF A strongly foliated crystalline rock formed by dynamic metamorphism which can be readily split into thin flakes or slabs due to the well developed parallelism of more than 50% of the minerals present.

Schizo Reactor
USE NSR-1 Reactor

SCHLIEREN METHOD [01]
BT1 Photography
RT Opacity
RT Refraction
RT Visible Radiation

SCHMALFELDT-WINTERSHALL PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

SCHMEHAUSEN-2 REACTOR
DA September 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors

SCREEN PRINTING
DA February 1979
BT1 Surface Coating
BT2 Deposition
RT Coatings

SCREENING
DA May 1978
NT1 Mutagen Screening
NT1 Nuclear Screening

SCREENS [01]
DA June 1975
RT Concentrators
RT Intake Structures
RT Particle Size Classifiers
RT Separation Processes
RT Sorting

SCREW DISLOCATIONS [01]
UF *Frank Loops*
BT1 Dislocations
BT2 Line Defects
BT3 Crystal Defects
BT4 Crystal Structure

Screw Instability
USE Helical Instability

SCREW PINCH [01]
BT1 Pinch Effect
RT Linear Screw Pinch Devices
RT Toroidal Screw Pinch Devices

Screwing
USE Fastening

Screws
USE Fasteners

SCREWWORM FLY [01]
DA October 1975
UF *Disulfoaiphenylpicrylhydrazyl*
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Radicals
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Hydrazine

S8DR REACTOR [01]
UF *SNAP-8 Developmental Reactor*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 8 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT4 Mobile Reactors
BT5 Reactors
BT4 Power Reactors
BT5 Reactors

SDS COMPUTERS [01]
BT1 Computers

S2DS REACTOR [01]
UF *SNAP-2 Developmental System*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 2 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

SEABROOK-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Seacoast
USE Shores

SEACOKE PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF A fluidized-bed pyrolysis of coal (with partial counterflow of gas and char to maximize liquid and gas yield from volatile matter of coal) to produce gas, liquid, and solid product streams, developed by Atlantic Refining Co. (now Atlantic Richfield Co.).

SEAFOOD [01]
BT1 Fish Products

BT2 Reactors

Schmehausen THTR Reactor
USE THTR-300 Reactor

SCHMIDT LINES [01]
RT Nuclear Magnetic Moments
RT Spin

SCHMIDT MODEL [01]
RT Single-Particle Model
RT Spin

Schmitt Trigger Circuits
USE Multivibrators

Schnelle Null-Energie Anordnung Karlsruhe
USE SNEAK Reactor

Schneller Natriumgekuehlter Reaktor
USE SNR-1 Reactor

SCHOEPITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

SCHOOL BUILDINGS
DA April 1976
BT1 Buildings
RT Educational Facilities
RT Public Buildings

BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

SCHROEDINGER EQUATION [01]
BT1 Wave Equations
BT2 Differential Equations
BT3 Equations
RT Dirac Equation
RT Jost Function
RT Quantum Mechanics
RT Wave Functions

SCHROEDINGER PICTURE [01]
DA January 1976
RT Heisenberg Picture
RT Quantum Field Theory
RT Quantum Mechanics

SCHULZ METHOD [01]
RT Diffraction Methods
RT Texture

SCHUMANN-RUNGE BANDS [01]
RT Spectra

Schwarzschild Field
USE Schwarzschild Metric

SCHWARZSCHILD METRIC [01]
UF *Schwarzschild Field*
UF *Schwarzschild Solution*
UF *Schwarzschild Space*
BT1 Metrics
RT Cosmology

UF *Scintillation Detectors*
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Gas Scintillation Detectors
NT1 Liquid Scintillation Detectors
NT1 Scintillator-Photodiode Detectors
NT1 Solid Scintillation Detectors
NT2 NaI Detectors
NT2 Plastic Scintillation Detectors
RT Dosemeters
RT Light Pipes
RT Luminescent Chambers
RT Phosphors
RT Photomultipliers
RT Proton Recoil Detectors
RT Scintillation Counting
RT Scintillation Quenching

SCINTILLATION COUNTING [01]
BT1 Counting Techniques
RT Liquid Scintillators
RT Scintillation Counters
RT Scintillation Quenching

Scintillation Detectors
USE Scintillation Counters

SCINTILLATION QUENCHING [01]
DA May 1975
UF *Quenching (Scintillation)*
RT Scintillation Counters
RT Scintillation Counting

SCINTILLATIONS [01]
RT Radioluminescence

SCINTILLATOR PHOTODIODE

BT1 Food
RT Fishes
RT Lobsters
RT Oysters
RT Plaice
RT Prawns
RT Shrimp
RT Snails
RT Trout

SEALED SOURCES [01]
BT1 Radiation Sources
RT Containment
RT Leak Testing
RT Leaks

SEALING MATERIALS [01]
RT Seals
RT Waterproofing

SEALS [01]
NT1 Gaskets
NT1 Inflatable Seals
NT1 Security Seals
RT Closures
RT Grouting
RT Pipe Fittings
RT Sealing Materials
RT Waterproofing

SEAS [01]
UF *Oceans*
BT1 Surface Waters
NT1 Arctic Ocean
NT2 Beaufort Sea
NT3 Prudhoe Bay
NT1 Atlantic Ocean
NT2 Baltimore Canyon
NT2 Bay of Fundy
NT2 Biscayne Bay
NT2 Caribbean Sea
NT3 Gulf of Mexico
NT4 Galveston Bay
NT4 San Antonio Bay
NT2 Chesapeake Bay
NT2 Gulf of Maine
NT2 Irish Sea
NT2 North Sea
NT2 Sargasso Sea
NT1 Baltic Sea
NT1 Bass Strait
NT1 Black Sea
NT1 Caspian Sea
NT1 Indian Ocean
NT2 Arabian Sea
NT3 Persian Gulf
NT1 Marmara Sea
NT1 Mediterranean Sea
NT2 Adriatic Sea
NT1 Pacific Ocean
NT2 Bering Sea
NT2 Gulf of Alaska
NT2 Gulf of California
NT2 Humboldt Bay
NT2 Puget Sound
NT2 San Francisco Bay
NT1 Red Sea
NT2 Gulf of Suez
NT1 Tasman Sea
RT Bathymetry
RT Bays
RT Coastal Waters
RT Estuaries
RT Harbors
RT Islands
RT Marinas
RT Oceanography
RT Offshore Nuclear Power Plants
RT Offshore Sites
RT Sea Bed
RT Sea-Floor Spreading
RT Seawater
RT Shores
RT Tide
RT Tsunamis
RT Water Currents
RT Water Waves
RT Wave Energy Converters

SEASONAL VARIATIONS [01]
BT1 Variations
RT Seasons

Seasonings
DA May 1975
USE Condiments

SEASONS [01]
RT Atmospheric Precipitations
RT Climates
RT Meteorology
RT Seasonal Variations
RT Vernalization
RT Weather

SEAWATER [01]
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Desalination
RT Desalination Plants
RT Estuaries
RT Salinity
RT Salinity Gradient Power Plants
RT Salinity Gradients
RT Seas

SEAWEEDS [01]
UF *Kelp*
NT1 Fucus
NT1 Laminaria

Sebaceous Glands
USE Glands
AND Skin

SEBACIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Secale
USE Rye

SECOND-CLASS CURRENTS [01]
BT1 Algebraic Currents
BT2 Currents
RT Weak Interactions
DEF Classification of currents according to their properties under G-parity transformations.

SECOND QUANTIZATION [01]
RT Annihilation Operators
RT Creation Operators
RT Quantum Field Theory
RT Quantum Mechanics

SECOND SOUND [01]
RT Superfluidity

Secondary Batteries
DA May 1976
USE Electric Batteries

SECONDARY BEAMS [01]
BT1 Particle Beams
BT2 Beams
RT Ion Probes

SECONDARY COOLANT CIRCUITS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components

SECONDARY COSMIC RADIATION [01]
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations
NT1 Cosmic Showers
NT2 Extensive Air Showers

SECONDARY EMISSION [01]
BT1 Emission
NT1 Photoemission
RT Ion Probes
RT Photon Emission

SECONDARY EMISSION DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments

SECONDARY REACTIONS [01]
BT1 Nuclear Reactions

Secondary Recovery
DA February 1976
USE Enhanced Recovery

***SECONDS LIVING RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Lifetime

SECRECY PROTECTION [01]
(Measures, regulations or orders established to protect the secrecy of certain places, installations, or offices.)
DA June 1977
RT Atomic Energy Laws
RT Physical Protection
RT Physical Protection Devices
RT Sabotage
RT Security

SECRETIN [01]
DA January 1975
BT1 Hormones

SECRETION [01]
NT1 Pheromone
RT Body Fluids
RT Excretion
RT Gastric Acid
RT Gastrin
RT Glands

SECULAR EQUATION [01]
BT1 Equations
RT Eigenvalues
RT Matrices

SECURITY [01]
RT Adversaries
RT Physical Protection
RT Physical Protection Devices
RT Sabotage
RT Safety
RT Secrecy Protection
RT Surveillance
RT Theft

SECURITY SEALS [01]
DA November 1976
BT1 Physical Protection Devices
BT1 Seals

SEDAN EVENT [01]
BT1 Cratering Explosions
BT2 Explosions
BT1 Plowshare Project

Sedatives
USE Hypnotics and Sedatives

SEDIMENTARY ROCKS [01]
BT1 Rocks
NT1 Calcretes
NT1 Graywacke
NT1 Limestone
NT1 Phosphorites
NT1 Sandstones
NT1 Sinters
RT Fossils

SEDIMENTATION [01]
RT Aerosols
RT Centrifugation
RT Decantation
RT Dusts
RT Fallout
RT Fallout Deposits
RT Particles
RT Precipitation
RT Sediments

SEDIMENTOMETERS
DA January 1975

BT1 Measuring Instruments
RT Densimeters
RT Radiometric Gages

SEDIMENTS [01]
RT Catagenesis
RT Detritus
RT Diagenesis
RT Dredge Spoil
RT Environmental Materials
RT Geologic Deposits
RT Sea Bed
RT Sedimentation
RT Silt
RT Sludges

SEDOHEPTULOSE [01]
BT1 Ketones
BT2 Organic Compounds
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds

SEEBECK EFFECT [01]
RT Thermoelectricity

SEED RECOVERY
DA June 1975
BT1 Recovery
RT MHD Generators
RT Plasma Seeding
RT Seed-Slag Interactions
RT Spent Seed

SEED-SLAG INTERACTIONS
DA April 1979
RT Chemical Reactions
RT Coal-Fired MHD Generators
RT Plasma Seeding
RT Reaction Intermediates
RT Seed Recovery
RT Slags

SEEDLINGS [01]
RT Coleoptile
RT Germination
RT Plants

SEEDS [01]
UF *Fruit (Seeds)*
UF *Nuts (Seeds)*
UF+ *Grains (Cereal)*
NT1 Coffee Beans
NT1 Peanuts
RT Endosperm
RT Germination
RT Plants
RT Vernalization

SEEPS
DA April 1977
RT Geochemical Surveys
RT Natural Gas Deposits
RT Petroleum Deposits
DEF The emergence of liquid petroleum or natural gas at the surface as a result of the slow migration from its buried source through minute pores or fissure networks.

SEFOR REACTOR [01]
UF *Southwest Experimental Fast Oxide Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

SEGAS PROCESS
DA April 1978
BT1 Steam Reformer Processes
BT2 Reformer Processes
BT3 Chemical Reactions
RT Synthesis Gas
DEF A noncatalytic thermal steam reformer process for production of synthesis gas from residual fuel oils or heavy crudes.

SEGREGATION [01]
RT Guinier-Preston Zones
RT Impurities
RT Solidification

SEISMIC ARRAYS
DA December 1978
BT1 Measuring Instruments
NT1 Seismic Detectors
NT2 Seismographs
RT Seismic Detection
RT Seismic Sources
RT Seismic Surveys

SEISMIC DETECTION [01]
UF *Detection (Seismic)*
BT1 Detection
RT Benham Event
RT Boxcar Event
RT Nuclear Explosion Detection
RT Rayleigh Waves
RT Seismic Arrays
RT Seismic Detectors
RT Seismic Noise
RT Seismic P Waves
RT Seismic S Waves
RT Seismic Waves
RT Seismographs
RT Underground Explosions
RT Vela Project

SEISMIC DETECTORS
DA September 1976
UF *Geophones*
BT1 Seismic Arrays
BT2 Measuring Instruments
NT1 Seismographs
RT Ground Motion
RT Seismic Detection
RT Seismic Surveys
RT Seismic Waves

SEISMIC EFFECTS [01]
RT Earthquakes
RT Ground Motion
RT Landslides
RT Nuclear Explosions
RT Seismic Events
RT Seismic Noise
RT Seismic Waves
RT Shock Absorbers
RT Shock Waves
RT Underground Explosions

SEISMIC EVENTS
DA December 1976
NT1 Earthquakes
NT2 Microearthquakes
RT Explosions
RT Ground Motion
RT Nuclear Explosions
RT Rock Bursts
RT Seismic Effects
RT Seismic Waves

SEISMIC NOISE [01]
DA January 1975
RT Seismic Detection
RT Seismic Effects
RT Seismic Waves
DEF A more or less continuous motion in the Earth that is unrelated to an earthquake and that has a period of 1.0-9.0 sec.

SEISMIC P WAVES [01]
UF *P Waves (Seismic)*
BT1 Seismic Waves
RT Earthquakes
RT Seismic Detection
RT Underground Explosions

SEISMIC S WAVES
DA November 1976
UF *S Waves (Seismic)*
UF *Shear Waves*
BT1 Seismic Waves
RT Earthquakes
RT Seismic Detection
RT Seismic Surveys
RT Underground Explosions

SEISMIC SOURCES
DA September 1976
RT Seismic Arrays
RT Seismic Surveys
RT Seismic Waves
RT Sonic Logging
RT Sound Waves
DEF Devices for generating seismic pulses.

SEISMIC SURFACE WAVES
DA July 1978
UF *L Waves*
UF *Surface Waves*
NT1 Love Waves
NT1 Rayleigh Waves
RT Earthquakes
DEF A seismic wave that travels along the surface of the earth or parallel to the earth'μ μΣω$_{8357}$⇌

SEISMIC SURVEYS [01]
DA January 1975
BT1 Geophysical Surveys
RT Acoustic Measurements
RT Geothermal Exploration
RT Seismic Arrays
RT Seismic Detectors
RT Seismic S Waves
RT Seismic Sources
DEF A method of geophysical prospecting using the generation, reflection, refraction, detection, and analysis of elastic waves in the Earth.

SEISMIC WAVES [01]
NT1 Rayleigh Waves
NT1 Seismic P Waves
NT1 Seismic S Waves
RT Earthquakes
RT Ground Motion
RT Milrow Event
RT Seismic Detection
RT Seismic Detectors
RT Seismic Effects
RT Seismic Events
RT Seismic Noise
RT Seismic Sources
RT Seismographs
RT Seismology
RT Tsunamis
RT Underground Explosions
DEF The disturbance or earth tremors produced by a mechanical disturbance on the surface or underground.

SEISMICITY
DA July 1978
RT Earthquakes
RT Risk Assessment
DEF Measure of frequency of earthquakes.

SEISMOGRAPHS [01]
BT1 Seismic Detectors
BT2 Seismic Arrays
BT3 Measuring Instruments
RT Acoustic Measurements
RT Earthquakes
RT Ground Motion
RT Seismic Detection
RT Seismic Waves
RT Underground Explosions

SEISMOLOGY [01]
RT Earthquakes
RT Faultless Event
RT Geologic Structures

RT Ground Motion
RT Seismic Waves
RT Shock Waves
RT Underground Explosions
RT Vela Project
DEF The study of earthquakes, by extension, the study of the structure of the interior of the Earth via both natural and artificially generated seismic signals.

SELECTION RULES [01]
NT1 Superselection Rules
RT Decay
RT Energy-Level Transitions
RT Forbidden Transitions
RT Interactions
RT Quantum Mechanics
RT Spurions

SELENATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Selenium Compounds
RT Selenium Oxides

Selengut Approximation
USE Selengut-Goertzel Equation

SELENGUT-GOERTZEL EQUATION [01]
UF *Selengut Approximation*
BT1 Equations
RT Neutron Slowing-Down Theory
RT Slowing-Down
RT Transport Theory

SELENIDES [01]
BT1 Chalcogenides
BT1 Selenium Compounds
NT1 Aluminium Selenides
NT1 Americium Selenides
NT1 Antimony Selenides
NT1 Arsenic Selenides
NT1 Berkelium Selenides
NT1 Beryllium Selenides
NT1 Bismuth Selenides
NT1 Cadmium Selenides
NT1 Californium Selenides
NT1 Cerium Selenides
NT1 Chromium Selenides
NT1 Copper Selenides
NT1 Curium Selenides
NT1 Dysprosium Selenides
NT1 Erbium Selenides
NT1 Europium Selenides
NT1 Gadolinium Selenides
NT1 Gallium Selenides
NT1 Germanium Selenides
NT1 Hafnium Selenides
NT1 Holmium Selenides
NT1 Indium Selenides
NT1 Iron Selenides
NT1 Lanthanum Selenides
NT1 Lead Selenides
NT1 Lithium Selenides
NT1 Lutetium Selenides
NT1 Manganese Selenides
NT1 Mercury Selenides
NT1 Molybdenum Selenides
NT1 Neptunium Selenides
NT1 Nickel Selenides
NT1 Niobium Selenides
NT1 Palladium Selenides
NT1 Plutonium Selenides
NT1 Potassium Selenides
NT1 Praseodymium Selenides
NT1 Rhenium Selenides
NT1 Rhodium Selenides
NT1 Ruthenium Selenides
NT1 Samarium Selenides
NT1 Scandium Selenides
NT1 Silver Selenides
NT1 Tantalum Selenides
NT1 Technetium Selenides
NT1 Terbium Selenides
NT1 Thallium Selenides
NT1 Thorium Selenides
NT1 Thulium Selenides
NT1 Tin Selenides
NT1 Titanium Selenides
NT1 Tungsten Selenides
NT1 Uranium Selenides
NT1 Vanadium Selenides
NT1 Ytterbium Selenides
NT1 Yttrium Selenides
NT1 Zinc Selenides
NT1 Zirconium Selenides
RT Intermetallic Compounds
RT Oxyselenides
RT Selenium Alloys

SELENITES [01]
BT1 Selenium Compounds

SELENIUM [01]
BT1 Semimetals
BT2 Elements

SELENIUM 68 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes

SELENIUM 69 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 70 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 71 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 72 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes

SELENIUM 73 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 74 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 75 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes

SELENIUM 76 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 77 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 78 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 79 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Selenium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SELENIUM 80 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 81 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 82 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SELENIUM 83 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 84 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 85 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 86 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes

SELENIUM 87 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 88 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 89 [01]
DA February 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Selenium Isotopes

SELENIUM 91 [01]
DA March 1976
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Selenium Isotopes

SELENIUM ADDITIONS [01]
BT1 Selenium Alloys
BT2 Alloys

SELENIUM ALLOYS [01]
BT1 Alloys
NT1 Selenium Additions
RT Selenides

SELENIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Selenium Compounds

SELENIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Selenium Compounds

SELENIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Selenium Compounds

SELENIUM COMPLEXES [01]
BT1 Complexes

SELENIUM COMPOUNDS [01]
NT1 Oxyselenides
NT1 Selenates
NT1 Selenides
NT2 Aluminium Selenides
NT2 Americium Selenides
NT2 Antimony Selenides
NT2 Arsenic Selenides
NT2 Berkelium Selenides
NT2 Beryllium Selenides
NT2 Bismuth Selenides
NT2 Cadmium Selenides
NT2 Californium Selenides
NT2 Cerium Selenides
NT2 Chromium Selenides
NT2 Copper Selenides
NT2 Curium Selenides
NT2 Dysprosium Selenides
NT2 Erbium Selenides
NT2 Europium Selenides
NT2 Gadolinium Selenides
NT2 Gallium Selenides
NT2 Germanium Selenides
NT2 Hafnium Selenides
NT2 Holmium Selenides
NT2 Indium Selenides
NT2 Iron Selenides
NT2 Lanthanum Selenides
NT2 Lead Selenides
NT2 Lithium Selenides
NT2 Lutetium Selenides
NT2 Manganese Selenides
NT2 Mercury Selenides
NT2 Molybdenum Selenides
NT2 Neptunium Selenides
NT2 Nickel Selenides
NT2 Niobium Selenides
NT2 Palladium Selenides
NT2 Plutonium Selenides
NT2 Potassium Selenides
NT2 Praseodymium Selenides
NT2 Rhenium Selenides
NT2 Rhodium Selenides
NT2 Ruthenium Selenides
NT2 Samarium Selenides
NT2 Scandium Selenides
NT2 Silver Selenides
NT2 Tantalum Selenides
NT2 Technetium Selenides
NT2 Terbium Selenides
NT2 Thallium Selenides
NT2 Thorium Selenides
NT2 Thulium Selenides
NT2 Tin Selenides
NT2 Titanium Selenides
NT2 Tungsten Selenides
NT2 Uranium Selenides
NT2 Vanadium Selenides
NT2 Ytterbium Selenides
NT2 Yttrium Selenides
NT2 Zinc Selenides
NT2 Zirconium Selenides
NT1 Selenites
NT1 Selenium Bromides
NT1 Selenium Carbides
NT1 Selenium Chlorides
NT1 Selenium Fluorides
NT1 Selenium Hydrides
NT1 Selenium Hydroxides
NT1 Selenium Iodides
NT1 Selenium Oxides
NT2 Guilleminite
NT1 Selenium Sulfides

SELENIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Selenium Compounds

SELENIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Selenium Compounds

SELENIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Selenium Compounds

SELENIUM IODIDES [01]
BT1 Iodides

BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Selenium Compounds

SELENIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SELENIUM ISOTOPES [01]
NT1 Selenium 68
NT1 Selenium 69
NT1 Selenium 70
NT1 Selenium 71
NT1 Selenium 72
NT1 Selenium 73
NT1 Selenium 74
NT1 Selenium 75
NT1 Selenium 76
NT1 Selenium 77
NT1 Selenium 78
NT1 Selenium 79
NT1 Selenium 80
NT1 Selenium 81
NT1 Selenium 82
NT1 Selenium 83
NT1 Selenium 84
NT1 Selenium 85
NT1 Selenium 86
NT1 Selenium 87
NT1 Selenium 88
NT1 Selenium 89
NT1 Selenium 91

SELENIUM ORES [01]
BT1 Ores

SELENIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Selenium Compounds
NT1 Guilleminite
RT Selenates

SELENIUM SOLAR CELLS
DA November 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

SELENIUM SULFIDES [01]
BT1 Selenium Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SELENIUM 72 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 74 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 76 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 77 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 78 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 80 TARGET [01]
DA July 1976
BT1 Targets

SELENIUM 82 TARGET [01]
DA July 1976
BT1 Targets

SELEXOL PROCESS
DA January 1975
RT Desulfurization
DEF Process for gas purification and removal of H_2S, CO_2, COS, mercaptans, etc., from gas streams by physical absorption using dimethyl ether of polyethylene glycol, trade named Selexol.

SELF-ABSORPTION [01]
BT1 Absorption

SELF-CONSISTENT FIELD [01]
RT Atomic Models
RT Hartree-Fock-Bogolyubov Theory
RT Hartree-Fock Method
RT LCAO Method

SELF-DIFFUSION [01]
BT1 Diffusion

SELF-ENERGY [01]
BT1 Energy
RT Quantum Electrodynamics

SELF-IRRADIATION [01]
BT1 Irradiation
RT Autoradiolysis
RT Radiation Effects

Self Potential Logging
DA June 1976
USE SP Logging

SELF-POTENTIAL SURVEYS
DA August 1976
BT1 Electrical Surveys
BT2 Geophysical Surveys
DEF Electrical surveys based on the detection of electric potentials developed in the earth.

SELF-POWERED DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Self-Powered Gamma Detectors
NT1 Self-Powered Neutron Detectors
RT Compton Diode Detectors

SELF-POWERED GAMMA DETECTORS [01]
BT1 Self-Powered Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments

SELF-POWERED NEUTRON DETECTORS [01]
UF *Collectrons*
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Self-Powered Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments

Self-Serve Stations
DA May 1979
USE Gasoline Service Stations

SELF-SHIELDING [01]
RT Absorption
RT Shielding

SELF-WELDING
DA August 1979
BT1 Bonding
BT2 Joining
BT3 Fabrication
RT Welding
DEF The bonding of surfaces of similar materials after exposure to high-temperature and load conditions.

SELNI REACTOR [01]
UF *Trino Vercellese Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Semi-Homogeneous Critical Assembly
USE SHCA Reactor

SEMI-INCLUSIVE INTERACTIONS
DA May 1979
BT1 Inclusive Interactions
BT2 Particle Interactions
BT3 Interactions

SEMIBATCH CULTURE
DA June 1978
RT Anaerobic Digestion
RT Batch Culture
RT Continuous Culture
RT Fermentation
RT Single Cell Protein

SEMICARBAZIDES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds

SEMICARBAZONES [01]
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
RT Aldehydes
RT Ketones

Semicircular Spectrometers
USE Flat Magnetic Spectrometers

SEMICLASSICAL APPROXIMATION [01]
RT Quantum Mechanics
RT Scattering

SEMICOKE
DA February 1976
RT Coke
RT Coking
RT Fuels
RT Semicoking
DEF The solid residue obtained by carbonization, esp. of coal at a relatively low temperature (as below 700°C) that is in general softer and more friable than coke from carbonization at higher temperatures, that gives a hot smokeless fire, and that can be used as a domestic fuel.

SEMICOKING
DA February 1976
RT Coke
RT Coking
RT Fuels
RT Semicoke

Semiconductor Counters
USE Semiconductor Detectors

SEMICONDUCTOR DETECTORS [01]
UF *Semiconductor Counters*
BT1 Radiation Detectors
BT2 Measuring Instruments
NT1 Bulk Semiconductor Detectors
NT1 CDTE Semiconductor Detectors
NT1 Ge Semiconductor Detectors
NT2 High-Purity GE Detectors
NT2 Li-Drifted Ge Detectors
NT1 HGI2 Semiconductor Detectors
NT1 Junction Detectors
NT2 Li-Drifted Junction Detectors
NT1 Li-Drifted Detectors
NT2 Li-Drifted Ge Detectors
NT2 Li-Drifted Junction Detectors
NT2 Li-Drifted Si Detectors
NT1 Si Semiconductor Detectors
NT2 Li-Drifted Si Detectors
NT1 Surface Barrier Detectors

RT Dosemeters
RT Radiator Counters
RT Semiconductor Devices

SEMICONDUCTOR DEVICES [01]
NT1 Charge-Coupled Devices
NT1 Semiconductor Diodes
NT2 Germanium Diodes
NT2 Junction Diodes
NT2 Light Emitting Diodes
NT2 Photodiodes
NT2 Schottky Barrier Diodes
NT2 Silicon Diodes
NT2 Switching Diodes
NT2 Tunnel Diodes
NT2 Variable Capacitance Diodes
NT1 Semiconductor Lasers
NT1 Semiconductor Rectifiers
NT1 Semiconductor Resistors
NT1 Semiconductor Storage Devices
NT1 Semiconductor Switches
NT1 Thermistors
NT1 Thyristors
NT1 Transistors
NT2 Field Effect Transistors
NT2 Junction Transistors
NT2 MIS Transistors
NT2 MOS Transistors
NT3 MOSFET
NT2 Phototransistors
NT2 Surface Barrier Transistors
RT Display Devices
RT Electrical Equipment
RT Electronic Equipment
RT Miniaturization
RT Oscillators
RT Photoelectric Cells
RT Semiconductor Detectors

SEMICONDUCTOR DIODES [01]
UF *Diodes (Semiconductor)*
BT1 Semiconductor Devices
NT1 Germanium Diodes
NT1 Junction Diodes
NT1 Light Emitting Diodes
NT1 Photodiodes
NT1 Schottky Barrier Diodes
NT1 Silicon Diodes
NT1 Switching Diodes
NT1 Tunnel Diodes
NT1 Variable Capacitance Diodes
RT Betavoltaic Cells
RT Photovoltaic Cells
RT Semiconductor Junctions
RT Semiconductor Rectifiers
RT Thermionic Diodes

SEMICONDUCTOR JUNCTIONS [01]
UF *Junctions (Semiconductor)*
BT1 Junctions
NT1 MIM Junctions
NT1 P-N Junctions
RT Josephson Junctions
RT Junction Transistors
RT Semiconductor Diodes
RT Semiconductor Materials

SEMICONDUCTOR LASERS [01]
BT1 Lasers
BT1 Semiconductor Devices

SEMICONDUCTOR MATERIALS [01]
(If possible index also the specific compounds.)
NT1 Magnetic Semiconductors
NT1 N-Type Conductors
NT1 Organic Semiconductors
NT1 P-Type Conductors
RT Electric Conductors
RT Electron Mobility
RT Fano Factor
RT Graded Band Gaps
RT P-N Junctions
RT Photoconductors
RT Semiconductor Junctions
RT Semimetals
RT Thermoelectric Materials
RT Traps

SEMICONDUCTOR RECTIFIERS [01]
BT1 Rectifiers
BT2 Electrical Equipment
BT3 Equipment
BT1 Semiconductor Devices
RT Semiconductor Diodes

SEMICONDUCTOR RESISTORS [01]
UF *Varistors*
BT1 Resistors
BT2 Electrical Equipment
BT3 Equipment
BT1 Semiconductor Devices

SEMICONDUCTOR STORAGE DEVICES [01]
BT1 Memory Devices
BT1 Semiconductor Devices

SEMICONDUCTOR SWITCHES [01]
BT1 Semiconductor Devices
BT1 Switches
BT2 Electrical Equipment
BT3 Equipment

Semidiurnal Variation
USE Daily Variations

SEMILEPTONIC DECAY [01]
DA May 1978
BT1 Weak Particle Decay
BT2 Particle Decay
BT3 Decay
RT Beta Decay
RT Leptonic Decay
RT Leptons
RT Neutrinos
RT Weak Hadronic Decay
DEF Weak decay with at least one neutrino and hadron among decay products.

SEMIMETALS [01]
UF *Metalloids*
BT1 Elements
NT1 Arsenic
NT1 Boron
NT1 Selenium
NT1 Silicon
NT1 Tellurium
RT Alloys
RT Intermetallic Compounds
RT Metals
RT Nonmetals
RT Semiconductor Materials

Seminal Vesicles
USE Male Genitals

SENA Reactor
USE Ardennes Reactor

SENEGAL [01]
BT1 Africa

SENGIERITE [01]
BT1 Copper Oxides
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

SENIORITY NUMBER [01]
BT1 Quantum Numbers
RT Quantum Mechanics

SENN Reactor
USE Garigliano Reactor

SENSE ORGANS [01]
BT1 Organs
BT2 Body
NT1 Auditory Organs
NT1 Eyes
NT2 Conjunctiva
NT2 Cornea
NT2 Crystalline Lens
NT2 Lacrimal Ducts
NT2 Retina
NT2 UVEA
NT1 Taste Buds
NT1 Vestibular Apparatus
RT Chemoreceptors
RT Head
RT Nervous System
RT Nose
RT Olfactory Bulbs
RT Organoleptic Properties
RT Receptors
RT Reflexes
RT Sense Organs Diseases

SENSE ORGANS DISEASES [01]
BT1 Diseases
NT1 Cataracts
NT1 Conjunctivitis
RT Ophthalmology
RT Sense Organs

SENSIBLE HEAT STORAGE
DA June 1977
BT1 Heat Storage
BT2 Energy Storage
BT3 Storage
NT1 Drum Walls
RT Rock Beds
RT Tanks
RT Thermal Mass
RT Trombe Walls
DEF Thermal energy storage utilizing the specific heat capacity of a material without changing the phase of the material.

SENSITIVITY [01]
NT1 Photosensitivity
RT Dead Time
RT Resolution
RT Specificity
RT Spectral Response

SENSITIVITY ANALYSIS
DA July 1979
RT Calculation Methods
RT Computer Calculations
RT Errors
RT Mathematical Models
DEF Response of a mathematical model to variations of the input parameters.

SENSITIZERS [01]
BT1 Reagents

SEPARATED ORBIT CYCLOTRONS [01]
BT1 Cyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators
NT1 ORNL Separated Orbit Cyclotron

Separation Energy
USE Binding Energy

SEPARATION NOZZLE METHOD [01]
BT1 Isotope Separation
BT2 Separation Processes
RT Nozzles

SEPARATION PROCESSES [01]
NT1 Centrifugation
NT2 Gas Centrifugation
NT2 Ultracentrifugation
NT1 Chemisorption
NT1 Chromatography
NT2 Extraction Chromatography
NT2 Gas Chromatography
NT2 Ion Exchange Chromatography
NT2 Liquid Column Chromatography

NT2 Radiochromatography
NT2 Thermochromatography
NT2 Thin-Layer Chromatography
NT1 Decantation
NT1 Demetallization
NT1 Demineralization
NT2 Desalination
NT1 Dewaxing
NT1 Dialysis
NT2 Electrodialysis
NT1 Distillation
NT2 Destructive Distillation
NT1 Electrostatic Separation
NT1 Elutriation
NT1 Extraction
NT2 Deasphalting
NT2 Solvent Extraction
NT2 Supercritical Gas Extraction
NT1 Filtration
NT1 Flotation
NT1 Foam Separation
NT1 Fractionation
NT1 Freezing Out
NT1 Isotope Separation
NT2 Dual Temperature Process
NT2 Electromagnetic Isotope Separation
NT2 Gas Centrifugation
NT2 Gaseous Diffusion Process
NT2 Laser Isotope Separation
NT2 Separation Nozzle Method
NT1 Leaching
NT1 Metal Transfer Process
NT1 Multi-Element Separation
NT1 Ore Enrichment
NT1 Precipitation
NT2 Coprecipitation
NT2 Flocculation
NT1 Precipitation Scavenging
NT2 Washout
NT1 Reductive Extraction
NT1 Reprocessing
NT2 AMEX Process
NT2 Arco Process
NT2 Butex Process
NT2 Chloride Volatility Process
NT2 CIVEX Process
NT2 CSREX Process
NT2 Dapex Process
NT2 Darex Process
NT2 EUREX Process
NT2 Excer Process
NT2 Fluoride Volatility Process
NT2 Fluorox Process
NT2 Flurex Process
NT2 Hermex Process
NT2 Monex Process
NT2 Neptex Process
NT2 Niflex Process
NT2 Purex Process
NT3 Halex Process
NT3 Saltex Process
NT2 Redox Process
NT2 Sulfex Process
NT2 Thermox Process
NT2 Thorex Process
NT2 Tramex Process
NT2 Zircex Process
NT2 Zirflex Process
NT1 Slurex Process
NT1 Talspeak Process
NT1 Ultrafiltration
NT1 Zone Refining
RT Adsorption
RT Concentrators
RT Crystallization
RT Cyclone Separators
RT Dust Collectors
RT Electrostatic Precipitators
RT Ion Exchange
RT Jigs
RT Magnetic Separators
RT Particle Size Classifiers
RT Purification
RT Refining
RT Removal
RT Ring Oven Method
RT Screens
RT Sorting
RT Sublimation
RT Thermal Diffusion

Separators (Steam)
USE Steam Separators

Separators (Vapor)
USE Vapor Separators

SEPTICEMIA [01]
RT Blood
RT Infectious Diseases

SEPTUM MAGNETS [01]
DA April 1975
BT1 Electromagnets
BT2 Electrical Equipment
BT3 Equipment
BT2 Magnets
RT Beam Extraction
RT Beam Optics
RT Electrostatic Septa
RT Magnet Coils
RT Magnetic Analyzers

SEQUENTIAL CIRCUITS [01]
BT1 Electronic Circuits
RT Digital Circuits

Sequestrene
USE EDTA

SEQUIM BAY [01]
(Site of new HAPO Marine Research Lab.)
DA June 1975
BT1 Bays
RT Coastal Waters
RT HAPO
RT Pacific Ocean
RT Washington

Sequoyah Nuclear Power Plant Unit-1
USE Sequoyah-1 Reactor

Sequoyah Nuclear Power Plant Unit-2
USE Sequoyah-2 Reactor

SEQUOYAH-1 REACTOR [01]
UF *Sequoyah Nuclear Power Plant Unit-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SEQUOYAH-2 REACTOR [01]
UF *Sequoyah Nuclear Power Plant Unit-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SEQUOYAH UF6 PRODUCTION PLANT [01]
BT1 Industrial Plants
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Oklahoma
RT Uranium Hexafluoride

SER REACTOR [01]
UF *SNAP-2 Experimental Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

S8ER REACTOR [01]
UF *SNAP-8 Experimental Reactor*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 8 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT4 Mobile Reactors
BT5 Reactors
BT4 Power Reactors
BT5 Reactors

SERAC COMPUTERS [01]
BT1 Computers

Serber-Goldberger Model
USE Goldberger Model

SERBER THEORY [01]
RT Stripping

SERBER-WILSON METHOD [01]
RT Neutron Transport Theory
RT Transport Theory

SERF REACTOR [01]
UF *Sandia Engineering Reactor FAcility*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors

SERI
DA February 1978
USE Solar Energy Research Institute

SERIES EXPANSION [01]
UF *Convergence (Series)*
NT1 Neumann Series
NT1 Power Series
RT Continued Fractions
RT Equations
RT Functions
RT Mathematics
RT Pade Approximation
RT Spline Functions
RT Superconvergence Relations

SERINE [01]
UF *Hydroxy-alpha-Alanine-beta*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

SEROTONIN [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Radioprotective Substances
BT2 Drugs
BT2 Response Modifying Factors
BT1 Sympathomimetics
BT2 Drugs

BT1 Tryptamines
BT2 Amines
BT3 Organic Compounds
BT2 Indoles
BT3 Pyrroles
BT4 Azoles
BT5 Heterocyclic Compounds
BT6 Organic Compounds
BT5 Organic Nitrogen Compounds
BT6 Organic Compounds
NT1 Mexamine

SEROUS MEMBRANES [01]
BT1 Membranes
NT1 Mesentery
NT1 Pericardium
NT1 Peritoneum
NT1 Pleura

SERPENTINE
DA January 1975
BT1 Minerals
RT Magnesium Silicates
DEF A group of common rock-forming minerals having the formula: $(Mg,Fe)_3Si_2O_5(OH)_4$.

SERPUKHOV SYNCHROTRON [01]
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators
RT IHEP

SERRATIA [01]
BT1 Bacteria
BT2 Microorganisms

Serum (Blood)
USE Blood Serum

Serum (Immune)
USE Immune Serums

SERVICE LIFE
DA August 1976
UF *Life (Service)*
UF *Useful Life*
RT Lifetime

Service Stations
DA May 1979
USE Gasoline Service Stations

Service Water Systems
DA January 1975
USE Auxiliary Water Systems

SERVOMECHANISMS [01]
BT1 Control Equipment
BT2 Equipment
RT Actuators
RT Feedback
RT Remote Control

SESAME OIL [01]
UF *Beni Oil*
UF *Benne Oil*
UF *Gigily Oil*
UF *Gingelly Oil*
UF *Gingily Oil*
UF *Teal Oil*
UF *Teel Oil*
UF *Til Oil*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds

SET THEORY
DA May 1979
BT1 Mathematics
RT Information Theory
DEF Study of structure and size of sets from viewpoint of axioms imposed.

SEVERN RIVER
DA January 1976
BT1 Rivers
BT2 Streams
BT3 Surface Waters

SEWAGE
DA January 1976
BT1 Wastes
NT1 Sewage Sludge
RT Activated Sludge Process
RT Organic Wastes

SEWAGE SLUDGE [01]
DA January 1976
BT1 Sewage
BT2 Wastes
RT Biological Wastes
RT Ground Disposal
RT Slurries
RT Soil Conservation
DEF Semiliquid waste resulting from sedimentation of solids from raw sewage or from digestion, trickling filter, or activated sludge processes.

SEX [01]
RT Female Genitals
RT Females
RT Gonads
RT Heterochromosomes
RT Male Genitals
RT Males
RT Mating
RT Pheromone
RT Reproduction
RT Sex Chromatin
RT Sex Dependence
RT Sex Ratio

SEX CHROMATIN [01]
BT1 Chromatin
RT Sex

Sex Chromosomes
USE Heterochromosomes

SEX DEPENDENCE [01]
DA November 1976
RT Females
RT Males
RT Sex

SEX RATIO [01]
RT Progeny
RT Sex

SEYFERT GALAXIES [01]
BT1 Galaxies
RT Quasars

SF NATEKO PROCESS
DA January 1976
BT1 Lime-Limestone Wet Scrubbing Processes
BT2 Scrubbing
RT Desulfurization
RT Stack Disposal
DEF Desulfurization process for stack gases by countercurrent contact with lime slurry.

Sferics
USE Atmospherics

S10FS-1 REACTOR [01]
UF *SNAP-10A Flight System Test-1*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 10 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Potassium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors
BT2 Process Heat Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT4 Mobile Reactors
BT5 Reactors
BT4 Power Reactors
BT5 Reactors
BT2 Sodium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors

S10FS-3 REACTOR [01]
UF *SNAP-10A Flight System Test-3*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 10 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Potassium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors
BT2 Process Heat Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT4 Mobile Reactors
BT5 Reactors
BT4 Power Reactors
BT5 Reactors
BT2 Sodium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors

S10FS-4 REACTOR [01]
UF *SNAP-10A Flight System Test-4*
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 SNAP 10 Reactor
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Potassium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors
BT2 Process Heat Reactors
BT3 Reactors
BT2 SNAP Reactors
BT3 Space Power Reactors
BT4 Mobile Reactors
BT5 Reactors
BT4 Power Reactors
BT5 Reactors
BT2 Sodium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors

S8G PROTOTYPE REACTOR
DA January 1975
BT1 Ship Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
RT Submarines

SGHWR REACTOR [01]
UF *Steam Generating Heavy Water Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors

SGR TYPE REACTORS [01]
UF *Sodium Cooled Graphite Moderated Reactors*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
NT1 SRE Reactor
RT Power Reactors

SHADING
DA August 1975
RT Curtains
RT Shutters
RT Solar Flux
RT Sun Shades

SHADOW EFFECT [01]
RT Cross Sections
RT Nuclear Reactions
RT Scattering

SHAFT EXCAVATIONS
DA March 1977
NT1 Abandoned Shafts
RT Excavation
RT Mining
RT Radioactive Waste Disposal
RT Tunneling

SHAFTS
DA January 1975
BT1 Machine Parts
RT Pumps
RT Rotation
RT Rotors

SHALE GAS
DA January 1975
BT1 Gases
BT2 Fluids
RT Oil Shales

SHALE OIL [01]
BT1 Fossil Fuels
BT2 Energy Sources
BT2 Fuels
BT1 Mineral Oils
BT2 Oils
BT3 Other Organic Compounds
BT4 Organic Compounds
BT1 Synthetic Petroleum
BT2 Synthetic Fuels
BT3 Fuels
NT1 Shale Oil Fractions
RT Fischer Assay
RT Ichthammol
RT Kerogen
RT Oil Shale Industry
RT Oil Shales
RT Pyrolytic Oils
RT Shale Tar Oils

SHALE OIL FRACTIONS
DA March 1976
UF *Green Oil*
BT1 Shale Oil
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
BT2 Mineral Oils
BT3 Oils
BT4 Other Organic Compounds
BT5 Organic Compounds
BT2 Synthetic Petroleum
BT3 Synthetic Fuels
BT4 Fuels
RT Oil Shales

SHALE TAR
DA January 1975
BT1 Tar
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Bituminous Materials
RT Shale Tar Acids
RT Shale Tar Bases
RT Shale Tar Oils

SHALE TAR ACIDS
DA August 1976
BT1 Organic Acids
BT2 Organic Compounds
RT Shale Tar

SHALE TAR BASES
DA July 1976
BT1 Bases
BT1 Organic Compounds
RT Shale Tar

SHALE TAR OILS
DA May 1975
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Shale Oil
RT Shale Tar

SHALE TAR WATER
DA January 1975
RT Waste Water

SHALES [01]
BT1 Metamorphic Rocks
BT2 Rocks
NT1 Spent Shales

SHAPE [01]
BT1 Configuration
NT1 Parabolas
NT1 Troposkien Shape
RT Cones
RT Dimensions
RT Morphology
RT Prisms
RT Shape Memory Effect

SHAPE MEMORY EFFECT
DA January 1975
UF *Marmen Effect*
RT Elasticity
RT Shape
DEF A shape recovery effect in metal specimens. It is associated with the martensite parent transformation.

SHAPED CHARGES
(Prior to August 1979 CHEMICAL EXPLOSIVES and SHAPE were used.)
DA August 1979
BT1 Chemical Explosives
BT2 Explosives
RT Ammunition
RT Ordnance

Sharja
DA August 1976
USE United Arab Emirates

SHARPITE
DA January 1975
BT1 Uranium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

Shattering
DA May 1975
USE Fragmentation

SHCA REACTOR [01]
UF *Semi-Homogeneous Critical Assembly*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SHEAR [01]
RT Fluid Flow
RT Magnetic Fields
RT Stresses
RT Tensile Properties

SHEAR PROPERTIES [01]
UF *Shear Strength*
UF *Strength (Shear)*
BT1 Mechanical Properties

Shear Strength
USE Shear Properties

Shear Waves
DA November 1976
USE Seismic S Waves

Shearer Loaders
DA June 1977
USE Cutter Loaders

Shearon Harris-1 Reactor
USE Harris-1 Reactor

Shearon Harris-2 Reactor
USE Harris-2 Reactor

Shearon Harris-3 Reactor
USE Harris-3 Reactor

Shearon Harris-4 Reactor
USE Harris-4 Reactor

Sheathing
USE Canning

Sheaths (Fuel)
USE Fuel Cans

SHEEP [01]
UF *Lambs*
BT1 Domestic Animals
BT2 Animals
BT1 Ruminants
BT2 Mammals
BT3 Vertebrates
BT4 Animals
RT Dictyocaulus
RT Meat

SHEETS [01]
(Thinner than PLATES but thicker than FOILS.)
RT Foils

Shell Claus Off-Gas Treating Process
DA January 1975
USE SCOT Process

Shell Flue Gas Desulfurization Process
DA December 1977
SEE Shell-UOP Copper Oxide Process

SHELL GASIFICATION PROCESS
DA January 1976
BT1 SNG Processes
RT Hydrocarbons
RT Partial Oxidation Processes
RT Petroleum
DEF Partial oxidation of hydrocarbons to produce CO and H_2 and methanation to SNG.

SHELL MODELS [01]
(Nuclear shell models only; for electron shell models use ELECTRONIC STRUCTURE.)
UF *Models (Shell)*
BT1 Nuclear Models
BT2 Mathematical Models
NT1 Governor Model
NT1 Interacting Boson Model
RT Aligned Coupling Scheme
RT Broken-Pair Approximation
RT Elliot Model
RT Talmi Integrals
RT Weak-Coupling Model
RT Wilkinson Theory

SHELL-UOP COPPER OXIDE PROCESS
DA April 1977
SF *Shell Flue Gas Desulfurization Process*
RT Denitrification
RT Desulfurization
RT Waste Processing
DEF Process to remove sulfur dioxide and nitrogen oxides simultaneously from flue gas using dry copper oxide on alumina sorbent.

SHELLS [01]
(Structural forms; for electron shells in atoms use ELECTRONIC STRUCTURE.)
RT Coverings
RT Mechanical Structures

Shells (Containment)
USE Containment Shells

SHELTERS [01]
NT1 Animal Shelters
NT1 Fallout Shelters
RT Buildings
RT Civil Defense
RT Local Fallout
RT Nuclear Explosions
RT Nuclear Weapons
RT Radiation Protection
RT Shielding
RT Subsurface Structures

Sherardizing
USE Diffusion Coating

SHERMAN TABLES [01]
RT Anisotropy
RT Spin

SHERWOOD PROJECT [01]
RT Thermonuclear Reactions

Shf Radiation
USE GHz Range 01-100
AND Radiowave Radiation

Shield Test Reactor
USE STIR Reactor

SHIELDED METAL-ARC WELDING [01]
BT1 Arc Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

Shielded Organs
USE Partial Body Irradiation

SHIELDING [01]
NT1 Biological Shielding
NT1 Magnetic Shielding
RT Absorption
RT Buildup
RT Collimators
RT Containers
RT Distance
RT External Irradiation
RT Gloveboxes
RT Gloves
RT Half-Thickness
RT Heterogeneous Effects
RT Hot Cells
RT Manipulators
RT Point Kernels
RT Radiation Protection
RT Scattering
RT Self-Shielding
RT Shelters
RT Shielding Materials
RT Shields
RT Stray Radiation
RT Thermal Insulation
RT Thickness

SHIELDING MATERIALS [01]
RT Building Materials
RT Concretes
RT Hydrophylic Polymers
RT Lead
RT Paraffin
RT Radiation Protection
RT Reactor Components
RT Reactor Materials
RT Shielding
RT Shields

SHIELDS [01]
NT1 Biological Shields
NT1 Thermal Shields
RT Radiation Protection
RT Reactor Components
RT Shielding
RT Shielding Materials

SHIFT PROCESSES
DA October 1975
RT Coal Gasification
RT Methanation
DEF Addition of steam to gasification products to increase the hydrogen/carbon monoxide ratio.

SHIGELLA [01]
BT1 Bacteria
BT2 Microorganisms

SHIKIMIC ACID [01]
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

SHIM RODS [01]
UF *Coarse Control Rods*
BT1 Control Elements
BT2 Reactor Components
RT Neutron Absorbers

SHIMANE-1 REACTOR [01]
UF *Chugoku Electric Power Company Reactor*
UF *Chugoku-1 Reactor*
UF *Kashima-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

SHIP PROPULSION REACTORS [01]
BT1 Propulsion Reactors
BT2 Reactors
NT1 Arktika Reactor
NT1 EFDR-50 Reactor
NT1 Enrico Fermi Reactor
NT1 Lenin Reactor
NT1 Mutsu Reactor
NT1 Otto Hahn Reactor
NT1 Savannah Reactor
NT1 S8G Prototype Reactor

Ship Reactor Mutsu
USE Mutsu Reactor

Shipment
USE Transport

SHIPPER-RECEIVER DIFFERENCES [01]
DA November 1976
RT Material Balance
RT Material Unaccounted For

Shippingport Pressurized Water Reactor
USE Shippingport Reactor

SHIPPINGPORT REACTOR [01]
UF *Shippingport Pressurized Water Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SHIPS [01]
UF+ *Drill Ships*
NT1 Nuclear Ships
NT2 Commercial Nuclear Ships
NT2 NS Arktika
NT2 NS Enrico Fermi
NT2 NS Lenin
NT2 NS Mutsu
NT2 NS Otto Hahn
NT2 NS Savannah
NT1 Submarines
NT1 Tanker Ships
RT Barges
RT Navigational Instruments
RT Positioning
RT Thrusters

SHIRLEY BASIN URANIUM MILL [01]
DA April 1975
BT1 Feed Materials Plants
BT2 Industrial Plants
BT2 Nuclear Facilities
RT Ore Processing

SHIVA FACILITY [01]
DA February 1978
RT Laser Fusion Reactors
RT Neodymium Lasers
RT Nova Facility
DEF Large Nd laser facility at LLL to be used for laser fusion

SHOAL EVENT [01]
BT1 Vela Project

Shock (Biological)
USE Biological Shock

Shock (Electric)
DA July 1979
USE Electric Shock

Shock (Impact)
USE Impact Shock

Shock (Medical)
USE Biological Shock

Shock (Thermal)
USE Thermal Shock

SHOCK ABSORBERS [01]
RT Damping
RT Energy Losses
RT Impact Shock
RT Seismic Effects
RT Shock Waves

SHOCK HEATING [01]
BT1 Plasma Heating
BT2 Heating

SHOCK TUBES [01]
RT Shock Waves

Shock Wave Hardening
USE Strain Hardening

SHOCK WAVES [01]
UF *Riemann Waves*
UF *Waves (Shock)*
NT1 Detonation Waves
RT Blast Effects
RT Combustion Waves
RT Detonations
RT Earthquakes
RT Explosions
RT Ground Motion
RT Hydromagnetic Waves
RT Impact Shock
RT Implosions
RT Lax Theorem
RT Mach Number
RT Nuclear Explosions
RT Rankine-Hugoniot Equations
RT Seismic Effects
RT Seismology
RT Shock Absorbers
RT Shock Tubes
RT Solitons
RT Supersonic Flow
RT Transonic Flow
RT Water Hammer

Shoes
USE Clothing

SHOPPING CENTERS
DA May 1979
BT1 Commercial Buildings
BT2 Buildings
BT1 Public Buildings
BT2 Buildings

SHOREHAM REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors

BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SHORES [01]
(For both lake- and sea-land boundaries.)
UF *Coast*
UF *Seacoast*
RT Coastal Regions
RT Coastal Waters
RT Lakes
RT Offshore Nuclear Power Plants
RT Offshore Sites
RT Seas

Short Circuits
DA December 1976
USE Electrical Faults

Short-Lens Spectrometers
USE Magnetic Lens Spectrometers

Short-Range Interactions
USE Interaction Range

SHORT WAVE RADIATION [01]
UF *Hf Radiation*
UF *High Frequency Radiation*
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations

SHORTITE
DA May 1975
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT1 Sodium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Sodium Minerals
BT2 Minerals
DEF A double carbonate of sodium and calcium, $Na_2CO_3.2CaCO_3$.

SHORTWALL MINING
DA May 1977
BT1 Underground Mining
BT2 Mining
RT Coal Mining

SHOT PEENING [01]
UF *Peening*
BT1 Cold Working
BT2 Materials Working
BT3 Fabrication
BT1 Surface Treatments
RT Descaling
RT Surface Cleaning
RT Surface Hardening

Shotfiring
DA April 1978
USE Explosive Fracturing

SHOWER COUNTERS [01]
(Detects high energy gamma radiation or high energy particles on basis of cascade showers in layered absorbers.)
UF *Calorimeters (Particle)*
UF *Ionization Calorimeters*
UF *Total-Absorption Spectrometers*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Cosmic Ray Detection
RT GeV Range

SHOWERS [01]
NT1 Cascade Showers
NT1 Cosmic Showers
NT2 Extensive Air Showers

SHREWS [01]
BT1 Mammals
BT2 Vertebrates
BT3 Animals

SHRIMP [01]
DA February 1975
BT1 Crustaceans
BT2 Aquatic Organisms
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
RT Prawns
RT Seafood

SHRINKAGE [01]
RT Dilatometry

SHROUDS [01]
BT1 Reactor Cooling Systems
BT2 Cooling Systems
BT2 Reactor Components
RT Fuel Assemblies
RT Fuel Channels
RT Jackets
DEF Cover enveloping the active length of a fuel assembly, to stabilize the coolant flow through the assembly.

SHRUBS [01]
BT1 Plants
NT1 Preferred Species

SHUBNIKOV-DE HAAS EFFECT [01]
RT Hall Effect
RT Magnetic Fields
RT Magnetoresistance

SHUNT REACTORS
DA August 1979
BT1 Electrical Equipment
BT2 Equipment
RT Power Transmission
RT Power Transmission Lines
DEF A device connected in shunt to an electric power system for drawing inductive current,i.e.,to compensate for capacitive currents from transmission lines, cables or shunt capacitors.

Shutdown (Reactor)
USE Reactor Shutdown

SHUTDOWNS
DA June 1978
NT1 Reactor Shutdown
NT2 Scram
RT Decommissioning

Shutin Pressure
DA September 1978
USE Reservoir Pressure

SHUTTERS
DA February 1979
RT Coverings
RT Curtains
RT Shading
RT Sun Shades
RT Thermal Insulation
RT Windows

Shuttles
USE Rabbit Tubes

SI SEMICONDUCTOR DETECTORS [01]
UF *Silicon Semiconductor Detectors*
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Li-Drifted Si Detectors

SI UNITS
DA July 1976
BT1 Units
RT Metric System

SIALIC ACID [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Amines
RT Organic Acids

SIBERIA
DA June 1978
BT1 USSR
BT2 Europe

SICHROMAL ALLOYS
DA February 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Silicon Alloys
BT2 Alloys

SICROMO 9M [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

SID
USE Sudden Ionospheric Disturbance

SIDE EFFECTS [01]
RT Therapy

SIDERITE
DA June 1975
BT1 Iron Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Iron Compounds
BT3 Transition Element Compounds
BT1 Iron Ores
BT2 Ores
DEF A spathic iron ore; an iron carbonate, $FeCO_3$.

Siegbahn Spectrometers
USE Flat Magnetic Spectrometers

SIEMENS COMPUTERS [01]
DA November 1977
BT1 Computers

Siemens Unterrichtsreaktor
USE SUR-100 Series Reactor

SIERRA LEONE [01]
BT1 Africa

SIERRA NEVADA COLORADO [01]
BT1 Mountains

SIEVERT UNIT
DA January 1975
BT1 Radiation Dose Units
RT Gamma Radiation
RT Integrals

SIGMA MINUS [01]
BT1 Sigma Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

Sigma-Minus Atoms
USE Hadronic Atoms

SIGMA MODEL
DA February 1975
BT1 Particle Models
BT2 Mathematical Models
RT Pseudoscalar Mesons
RT Scalar Mesons

SIGMA NEUTRAL [01]
BT1 Sigma Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

SIGMA PARTICLE BEAMS [01]
BT1 Hyperon Beams
BT2 Particle Beams
BT3 Beams

SIGMA PARTICLES [01]
BT1 Hyperons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
NT1 Sigma Minus
NT1 Sigma Neutral
NT1 Sigma Plus
RT Antisigma Particles

SIGMA PILES [01]
RT Moderators
RT Neutron Sources

SIGMA PLUS [01]
BT1 Sigma Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

SIGMA-410 RESONANCES [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

SIGMA-1385 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1580 RESONANCES [01]
DA February 1975
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1620 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1640 RESONANCES
DA January 1975
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1660 RESONANCES [01]
DA April 1977
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1670 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1750 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1765 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1910 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-1940 RESONANCES [01]
DA January 1975
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-2030 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-2250 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-2455 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA-2595 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

SIGMA TERMS [01]
BT1 Current Commutators
BT2 Commutators
BT3 Quantum Operators
BT4 Mathematical Operators

Sigmaloy
DA April 1979
SEE MWD Systems

SIGNAL DISTORTION [01]
DA April 1975
RT Electromagnetic Radiation
RT Microwave Radiation
RT Radiowave Radiation
RT Sound Waves

SIGNALS [01]
RT Communications
RT Data Transmission
RT Pulses

SIGNELL-MARSHAK POTENTIAL [01]
BT1 Nucleon-Nucleon Potential
BT2 Potentials
RT Nuclear Potential
RT Nucleons

SILANES [01]
UF *Silicon Hydrides*
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Silicon Compounds

SILASTIC [01]
BT1 Rubbers
BT2 Elastomers
BT3 Polymers
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers
BT1 Silicones
BT2 Polymers
BT2 Siloxanes

SILICA
DA March 1976
BT1 Minerals
BT1 Silicon Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Silicon Compounds
NT1 Coesite
DEF The chemically resistant dioxide of silicon, SiO_2.

SILICA GEL [01]
BT1 Adsorbents
RT Adsorption
RT Ion Exchange Materials

RT Silicon Oxides

SILICATES [01]
BT1 Oxygen Compounds
BT1 Silicon Compounds
NT1 Aluminium Silicates
NT2 Epidotes
NT2 Kaolinite
NT2 Pyrophyllite
NT2 Smectite
NT2 Tourmaline
NT2 Vermiculite
NT1 Barium Silicates
NT1 Berkelium Silicates
NT1 Beryllium Silicates
NT2 Beryl
NT2 Helvite
NT1 Boron Silicates
NT2 Tourmaline
NT1 Cadmium Silicates
NT1 Calcium Silicates
NT2 Andradite
NT2 Epidotes
NT2 Eudialyte
NT2 Ilvaite
NT2 Kainosite
NT2 Lavenite
NT2 Ranquilite
NT2 Uranotile
NT1 Cerium Silicates
NT2 Cerite
NT2 Kainosite
NT2 Yttrialite
NT1 Cesium Silicates
NT1 Chromium Silicates
NT1 Cobalt Silicates
NT1 Copper Silicates
NT2 Cuprosklodowskite
NT1 Europium Silicates
NT1 Gadolinite
NT1 Garnets
NT2 Andradite
NT1 Germanium Silicates
NT1 Hafnium Silicates
NT1 Indium Silicates
NT1 Iron Silicates
NT2 Andradite
NT2 Epidotes
NT2 Eudialyte
NT2 Helvite
NT2 Ilvaite
NT2 Olivines
NT2 Vermiculite
NT1 Lanthanum Silicates
NT1 Lead Silicates
NT2 Alamosite
NT1 Lithium Silicates
NT1 Lutetium Silicates
NT1 Magnesium Silicates
NT2 Enstatite
NT2 Olivines
NT2 Sklodowskite
NT2 Talc
NT2 Vermiculite
NT1 Manganese Silicates
NT2 Helvite
NT1 Molybdenum Silicates
NT1 Neodymium Silicates
NT1 Nickel Silicates
NT1 Niobium Silicates
NT2 Mesodialyte
NT1 Potassium Silicates
NT2 Boltwoodite
NT1 Pyroxenes
NT2 Diopside
NT2 Enstatite
NT2 Hedenbergite
NT1 Radium Silicates
NT1 Rubidium Silicates
NT1 Samarium Silicates
NT1 Scandium Silicates
NT1 Sodium Silicates
NT2 Catapleite
NT2 Elpidite
NT2 Lavenite
NT2 Lovozerite
NT1 Strontium Silicates
NT1 Tantalum Silicates
NT1 Thorium Silicates
NT2 Allanite
NT3 Orthite
NT2 Ekanite
NT2 Freyalite
NT2 Huttonite
NT2 Hydrothorite
NT2 Mackintoshite
NT2 Maitlandite
NT2 Thorite
NT3 Jiningite
NT2 Thorogummite
NT2 Uranothorite
NT2 Yttrialite
NT1 Thulium Silicates
NT1 Titanium Silicates
NT1 Uranium Silicates
NT2 Boltwoodite
NT2 Cuprosklodowskite
NT2 Ekanite
NT2 Mackintoshite
NT2 Ranquilite
NT2 Sklodowskite
NT2 Soddyite
NT2 Uranothorite
NT2 Uranotile
NT1 Vanadium Silicates
NT1 Ytterbium Silicates
NT1 Yttrium Silicates
NT2 Kainosite
NT2 Yttrialite
NT1 Zinc Silicates
NT1 Zirconium Silicates
NT2 Alvite
NT2 Catapleite
NT2 Elpidite
NT2 Eudialyte
NT2 Lavenite
NT2 Lovozerite
NT2 Mesodialyte
NT2 Zircon
RT Acid Silicates
RT Silicon Oxides

SILICIC ACID [01]
UF *Hydrogen Silicates*
BT1 Inorganic Acids
BT2 Hydrogen Compounds

SILICIDES [01]
BT1 Silicon Compounds
NT1 Alloy-DH-245
NT1 Aluminium Silicides
NT1 Americium Silicides
NT1 Calcium Silicides
NT1 Cerium Silicides
NT1 Cesium Silicides
NT1 Chromium Silicides
NT1 Cobalt Silicides
NT1 Copper Silicides
NT1 Dysprosium Silicides
NT1 Erbium Silicides
NT1 Europium Silicides
NT1 Gadolinium Silicides
NT1 Germanium Silicides
NT1 Gold Silicides
NT1 Hafnium Silicides
NT1 Holmium Silicides
NT1 Iron Silicides
NT1 Lanthanum Silicides
NT1 Lithium Silicides
NT1 Lutetium Silicides
NT1 Magnesium Silicides
NT1 Manganese Silicides
NT1 Molybdenum Silicides
NT1 Neodymium Silicides
NT1 Nickel Silicides
NT1 Niobium Silicides
NT1 Palladium Silicides
NT1 Platinum Silicides
NT1 Potassium Silicides
NT1 Praseodymium Silicides
NT1 Rhenium Silicides
NT1 Rubidium Silicides
NT1 Samarium Silicides
NT1 Scandium Silicides
NT1 Sodium Silicides
NT1 Tantalum Silicides
NT1 Terbium Silicides
NT1 Thorium Silicides
NT1 Thulium Silicides
NT1 Titanium Silicides
NT1 Tungsten Silicides
NT1 Uranium Silicides
NT1 Vanadium Silicides
NT1 Ytterbium Silicides
NT1 Yttrium Silicides
NT1 Zinc Silicides
NT1 Zirconium Silicides
RT Intermetallic Compounds
RT Silicon Additions
RT Silicon Alloys

SILICON [01]
BT1 Semimetals
BT2 Elements

SILICON 24 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 25 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 26 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silicon Isotopes

SILICON 27 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silicon Isotopes

SILICON 28 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Silicon 28 Reactions

SILICON 29 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SILICON 30 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

BT1 Stable Isotopes
BT2 Isotopes

SILICON 31 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 32 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SILICON 33 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 34 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 35 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 36 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON 42 [01]
DA March 1979
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Silicon Isotopes

SILICON ADDITIONS [01]
BT1 Silicon Alloys
BT2 Alloys
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-HS-21
NT1 Alloy-HS-25
NT1 Alloy-HS-31
NT1 Alloy-KH20N80
NT1 Alloy-Khn60b
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-KHN78T
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-N-155
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-N28t3
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Alloy-Vt1-0
NT1 Alloy-VT3-1
NT1 Alloy-VT6
NT1 Alloy-VT9
NT1 Alloy-VT15
NT1 ALUDUR
NT1 Ascoloy
NT1 Bondur
NT1 Crocar
NT1 Discaloy
NT1 Duralumin
NT1 Duranickel
NT1 Miduale
NT1 Ni-Hard
NT1 Stainless Steel-Z3cmn18-8-6N
NT1 Stainless Steel-Z2cn18-10
NT1 Stainless Steel-Z2cn18-10N
NT1 Stainless Steel-Z3cnd18-13
NT1 Stainless Steel-Z6cnd17-12
NT1 Stainless Steel-Zcnd17-13
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Stainless Steel-Z6cnt18-10
NT1 Stainless Steel-Z8cnt18-10
NT1 Stainless Steel-Z6cnt18-12B
NT1 Steel-10Cd9-10
NT1 Steel-15Cd9-10
NT1 Steel-28CdV508
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-08G2sfb
NT1 Steel-000Kh25
NT1 Steel-000Kh28
NT1 Steel-2Kh13
NT1 Steel-Kh12
NT1 Steel-Kh13
NT1 Steel-20Kh
NT1 Steel-40Kh
NT1 Steel-0Kh18g8n2t
NT1 Steel-60Kh3g8n8v
NT1 Steel-15Khg2sfmr
NT1 Steel-Kh5m
NT1 Steel-Kh12m
NT1 Steel-5Kh2mf
NT1 Steel-12Kh1mf
NT1 Steel-15Kh1m1f
NT1 Steel-20Khmf
NT1 Steel-38Kh5msfa
NT1 Steel-38Khmyua
NT1 Steel-000Kh18n13
NT1 Steel-000Kh20n20
NT1 Steel-12Khn3
NT1 Steel-18Kh16n6
NT1 Steel-40Khn
NT1 Steel-12Khn3a
NT1 Steel-1Kh16n4b
NT1 Steel-Kh20n45b
NT1 Steel-12Kh2nch
NT1 Steel-40Kh13n8g8
NT1 Steel Kh16n9m2
NT1 Steel-Kh17n5m3
NT1 Steel-40Khnma
NT1 Steel-1Kh16n15m3b
NT1 Steel-Kh16n15m3b
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh15n20m2t2
NT1 Steel-Kh17n13m3t
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-40Kh2n5sm
NT1 Steel-00Kh20n32t
NT1 Steel-0Kh22n5t
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-2Kh18n8v2
NT1 Steel-18Kh2n4va
NT1 Steel-1Kh16n14v2br Ehp17
NT1 Steel-Kh18n22v2t2
NT1 Steel-Khn35vt
NT1 Steel-9Khs
NT1 Steel-1Kh12v2mf
NT1 Steel-2Kh8v8m2k8
NT1 Steel-20M5
NT1 Steel-18Mnv6
NT1 Steel-20N14
NT1 Steel-30N9k4
NT1 Steel-OOOKh20n16ag6
NT1 Steel-Vzh102
NT1 Steel-Z10cdnbv9
NT1 Steel-Z10cdv7
RT Silicides
RT Silicides

SILICON ALLOYS [01]
BT1 Alloys
NT1 Alloy-HK-40
NT1 Alloy-IN-519
NT1 Alloy-Mo-Re-1
NT1 Alloy-RA-333
NT1 Alloy-214X
NT1 Duriron
NT1 Manaurite 900
NT1 Manaurite 36X
NT1 Sichromal Alloys
NT1 Silicon Additions
NT2 Alloy-EHI 826
NT2 Alloy-Ehi 868
NT2 Alloy-HS-21
NT2 Alloy-HS-25
NT2 Alloy-HS-31
NT2 Alloy-KH20N80
NT2 Alloy-Khn60b
NT2 Alloy-50Kh4n6g12f2v
NT2 Alloy-KHN78T
NT2 Alloy-Khn77tyu
NT2 Alloy-Khn67vmtyu
NT2 Alloy-M-252
NT2 Alloy-N-155
NT2 Alloy-N55M20V25
NT2 Alloy-N65M20V15
NT2 Alloy-N28t3
NT2 Alloy-S-816
NT2 Alloy-V-36
NT2 Alloy-Vt1-0
NT2 Alloy-VT3-1
NT2 Alloy-VT6
NT2 Alloy-VT9
NT2 Alloy-VT15
NT2 ALUDUR
NT2 Ascoloy
NT2 Bondur
NT2 Crocar
NT2 Discaloy
NT2 Duralumin
NT2 Duranickel
NT2 Miduale
NT2 Ni-Hard
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-10Cd9-10
NT2 Steel-15Cd9-10
NT2 Steel-28CdV508
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-08G2sfb
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-Kh12
NT2 Steel-Kh13
NT2 Steel-20Kh
NT2 Steel-40Kh
NT2 Steel-0Kh18g8n2t
NT2 Steel-60Kh3g8n8v
NT2 Steel-15Khg2sfmr
NT2 Steel-Kh5m
NT2 Steel-Kh12m
NT2 Steel-5Kh2mf
NT2 Steel-12Kh1mf
NT2 Steel-15Kh1m1f
NT2 Steel-20Khmf
NT2 Steel-38Kh5msfa
NT2 Steel-38Khmyua
NT2 Steel-000Kh18n13
NT2 Steel-000Kh20n20
NT2 Steel-12Khn3
NT2 Steel-18Kh16n6
NT2 Steel-40Khn
NT2 Steel-12Khn3a

NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-12Kh2nch
NT2 Steel-40Kh13n8g8
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-40Khnma
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-40Kh2n5sm
NT2 Steel-00Kh20n32t
NT2 Steel-0Kh22n5t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-2Kh18n8v2
NT2 Steel-18Kh2n4va
NT2 Steel-1Kh16n14v2br Ehp17
NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-9Khs
NT2 Steel-1Kh12v2mf
NT2 Steel-2Kh8v8m2k8
NT2 Steel-20M5
NT2 Steel-18Mnv6
NT2 Steel-20N14
NT2 Steel-30N9k4
NT2 Steel-OOOKh20n16ag6
NT2 Steel-Vzh102
NT2 Steel-Z10cdnbv9
NT2 Steel-Z10cdv7
NT1 Steel-42Kh2gsnm
NT1 Steel-Kh13s2yu2bt
NT1 Supertherm
RT Silicides

SILICON ARSENIDES
DA June 1977
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Silicon Compounds

SILICON 28 BEAMS [01]
DA June 1975
BT1 Ion Beams
BT2 Beams

SILICON BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Silicon Compounds

SILICON BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silicon Compounds

SILICON CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Silicon Compounds

SILICON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silicon Compounds

SILICON COMPLEXES [01]
BT1 Complexes

SILICON COMPOUNDS [01]
(See also SILANES, SILOXANES and SILICONES.)
NT1 Alumel
NT1 Borosilicates
NT1 Silanes
NT1 Silicates
NT2 Aluminium Silicates
NT3 Epidotes
NT3 Kaolinite
NT3 Pyrophyllite
NT3 Smectite
NT3 Tourmaline
NT3 Vermiculite
NT2 Barium Silicates
NT2 Berkelium Silicates
NT2 Beryllium Silicates
NT3 Beryl
NT3 Helvite
NT2 Boron Silicates
NT3 Tourmaline
NT2 Cadmium Silicates
NT2 Calcium Silicates
NT3 Andradite
NT3 Epidotes
NT3 Eudialyte
NT3 Ilvaite
NT3 Kainosite
NT3 Lavenite
NT3 Ranquilite
NT3 Uranotile
NT2 Cerium Silicates
NT3 Cerite
NT3 Kainosite
NT3 Yttrialite
NT2 Cesium Silicates
NT2 Chromium Silicates
NT2 Cobalt Silicates
NT2 Copper Silicates
NT3 Cuprosklodowskite
NT2 Europium Silicates
NT2 Gadolinite
NT2 Garnets
NT3 Andradite
NT2 Germanium Silicates
NT2 Hafnium Silicates
NT2 Indium Silicates
NT2 Iron Silicates
NT3 Andradite
NT3 Epidotes
NT3 Eudialyte
NT3 Helvite
NT3 Ilvaite
NT3 Olivines
NT3 Vermiculite
NT2 Lanthanum Silicates
NT2 Lead Silicates
NT3 Alamosite
NT2 Lithium Silicates
NT2 Lutetium Silicates
NT2 Magnesium Silicates
NT3 Enstatite
NT3 Olivines
NT3 Sklodowskite
NT3 Talc
NT3 Vermiculite
NT2 Manganese Silicates
NT3 Helvite
NT2 Molybdenum Silicates
NT2 Neodymium Silicates
NT2 Nickel Silicates
NT2 Niobium Silicates
NT3 Mesodialyte
NT2 Potassium Silicates
NT3 Boltwoodite
NT2 Pyroxenes
NT3 Diopside
NT3 Enstatite
NT3 Hedenbergite
NT2 Radium Silicates
NT2 Rubidium Silicates
NT2 Samarium Silicates
NT2 Scandium Silicates
NT2 Sodium Silicates
NT3 Catapleite
NT3 Elpidite
NT3 Lavenite
NT3 Lovozerite
NT2 Strontium Silicates
NT2 Tantalum Silicates
NT2 Thorium Silicates
NT3 Allanite
NT4 Orthite
NT3 Ekanite
NT3 Freyalite
NT3 Huttonite
NT3 Hydrothorite
NT3 Mackintoshite
NT3 Maitlandite
NT3 Thorite
NT4 Jiningite
NT3 Thorogummite
NT3 Uranothorite
NT3 Yttrialite
NT2 Thulium Silicates
NT2 Titanium Silicates
NT2 Uranium Silicates
NT3 Boltwoodite
NT3 Cuprosklodowskite
NT3 Ekanite
NT3 Mackintoshite
NT3 Ranquilite
NT3 Sklodowskite
NT3 Soddyite
NT3 Uranothorite
NT3 Uranotile
NT2 Vanadium Silicates
NT2 Ytterbium Silicates
NT2 Yttrium Silicates
NT3 Kainosite
NT3 Yttrialite
NT2 Zinc Silicates
NT2 Zirconium Silicates
NT3 Alvite
NT3 Catapleite
NT3 Elpidite
NT3 Eudialyte
NT3 Lavenite
NT3 Lovozerite
NT3 Mesodialyte
NT3 Zircon
NT1 Silicides
NT2 Alloy-DH-245
NT2 Aluminium Silicides
NT2 Americium Silicides
NT2 Calcium Silicides
NT2 Cerium Silicides
NT2 Cesium Silicides
NT2 Chromium Silicides
NT2 Cobalt Silicides
NT2 Copper Silicides
NT2 Dysprosium Silicides
NT2 Erbium Silicides
NT2 Europium Silicides
NT2 Gadolinium Silicides
NT2 Germanium Silicides
NT2 Gold Silicides
NT2 Hafnium Silicides
NT2 Holmium Silicides
NT2 Iron Silicides
NT2 Lanthanum Silicides
NT2 Lithium Silicides
NT2 Lutetium Silicides
NT2 Magnesium Silicides
NT2 Manganese Silicides
NT2 Molybdenum Silicides
NT2 Neodymium Silicides
NT2 Nickel Silicides
NT2 Niobium Silicides
NT2 Palladium Silicides
NT2 Platinum Silicides
NT2 Potassium Silicides
NT2 Praseodymium Silicides
NT2 Rhenium Silicides
NT2 Rubidium Silicides
NT2 Samarium Silicides
NT2 Scandium Silicides
NT2 Sodium Silicides
NT2 Tantalum Silicides
NT2 Terbium Silicides
NT2 Thorium Silicides
NT2 Thulium Silicides
NT2 Titanium Silicides
NT2 Tungsten Silicides
NT2 Uranium Silicides
NT2 Vanadium Silicides
NT2 Ytterbium Silicides
NT2 Yttrium Silicides
NT2 Zinc Silicides
NT2 Zirconium Silicides
NT1 Silicon Arsenides
NT1 Silicon Borides
NT1 Silicon Bromides
NT1 Silicon Carbides
NT1 Silicon Chlorides
NT1 Silicon Fluorides

NT1 Silicon Halides
NT1 Silicon Hydroxides
NT1 Silicon Iodides
NT1 Silicon Nitrides
NT1 Silicon Oxides
NT2 Cristobalite
NT2 Quartz
NT2 Silica
NT3 Coesite
NT1 Silicon Phosphates
NT1 Silicon Phosphides
NT1 Silicon Sulfides

SILICON DIODES [01]
BT1 Semiconductor Diodes
BT2 Semiconductor Devices

SILICON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silicon Compounds

SILICON HALIDES
DA February 1978
BT1 Halides
BT2 Halogen Compounds
BT1 Silicon Compounds

Silicon Hydrides
USE Silanes

SILICON HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Silicon Compounds

SILICON IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Silicon Compounds

SILICON IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SILICON ISOTOPES [01]
NT1 Silicon 24
NT1 Silicon 25
NT1 Silicon 26
NT1 Silicon 27
NT1 Silicon 28
NT1 Silicon 29
NT1 Silicon 30
NT1 Silicon 31
NT1 Silicon 32
NT1 Silicon 33
NT1 Silicon 34
NT1 Silicon 35
NT1 Silicon 36
NT1 Silicon 42

SILICON NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Silicon Compounds

SILICON OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Silicon Compounds
NT1 Cristobalite
NT1 Quartz
NT1 Silica
NT2 Coesite
RT Glass
RT Sand
RT Silica Gel
RT Silicates
RT Siloxanes
RT Stishovite

SILICON PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Silicon Compounds

SILICON PHOSPHIDES [01]
DA July 1978
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Silicon Compounds

SILICON 28 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Silicon 28

SILICON 29 REACTIONS [01]
DA July 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

Silicon Semiconductor Detectors
DA December 1978
USE Si Semiconductor Detectors

SILICON SOLAR CELLS [01]
DA January 1975
BT1 Solar Cells
BT2 Photovoltaic Cells
BT3 Photoelectric Cells
BT4 Direct Energy Converters

SILICON SULFIDES [01]
BT1 Silicon Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SILICON 28 TARGET [01]
DA July 1976
BT1 Targets

SILICON 29 TARGET [01]
DA July 1976
BT1 Targets

SILICON 30 TARGET [01]
DA July 1976
BT1 Targets

SILICONES [01]
BT1 Polymers
BT1 Siloxanes
NT1 DC Resins
NT1 Silastic

Siliconizing
USE Diffusion Coating

Silicosis
USE Pneumoconioses

SILKWORM [01]
UF *Bombyx*
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals

SILLIAC COMPUTERS [01]
BT1 Computers

SILOE REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SILOETTE REACTOR [01]
UF *Grenoble Reactor Melusine-2*
UF *Melusine-2 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SILOXANES [01]
NT1 Silicones
NT2 DC Resins
NT2 Silastic
RT Silicon Oxides

SILT [01]
RT Sediments

SILURIAN PERIOD
DA October 1977
BT1 Paleozoic Era
BT2 Geologic Ages

SILVER [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

SILVER 97 [01]
DA March 1979
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 98 [01]
DA March 1979
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 99 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 100 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 101 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 102 [01]
BT1 Beta-Plus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 103 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 104 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 105 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 106 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 107 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SILVER 108 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SILVER 109 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes
BT1 Stable Isotopes
BT2 Isotopes

SILVER 110 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 111 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 112 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 113 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 114 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 115 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 116 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 117 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 118 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 119 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 120 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Silver Isotopes

SILVER 121 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 122 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER 123 [01]
DA April 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Silver Isotopes

SILVER ADDITIONS [01]
BT1 Silver Alloys
BT2 Alloys

SILVER ALLOYS [01]
BT1 Alloys
NT1 Alloy-GE
NT1 Silver Additions
NT1 Silver Base Alloys

SILVER ARSENIDES
DA August 1979
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER BASE ALLOYS [01]
BT1 Silver Alloys
BT2 Alloys

SILVER 107 BEAMS [01]
DA June 1975
BT1 Ion Beams
BT2 Beams

SILVER BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER-CADMIUM BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

SILVER CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

SILVER COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Silver Arsenides
NT1 Silver Bromides
NT1 Silver Carbonates
NT1 Silver Chlorides
NT1 Silver Fluorides
NT1 Silver Hydrides
NT1 Silver Hydroxides
NT1 Silver Iodides
NT1 Silver Nitrates
NT1 Silver Nitrides
NT1 Silver Oxides
NT1 Silver Perchlorates
NT1 Silver Phosphates
NT1 Silver Selenides
NT1 Silver Sulfates
NT1 Silver Sulfides
NT1 Silver Tellurides
NT1 Silver Tungstates

SILVER FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER HYDRIDES
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER HYDROXIDES
DA January 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SILVER ISOTOPES [01]
NT1 Silver 97
NT1 silver 98
NT1 Silver 99
NT1 Silver 100
NT1 Silver 101
NT1 Silver 102
NT1 Silver 103
NT1 Silver 104
NT1 Silver 105
NT1 Silver 106
NT1 Silver 107
NT1 Silver 108
NT1 Silver 109
NT1 Silver 110
NT1 Silver 111
NT1 Silver 112
NT1 Silver 113
NT1 Silver 114
NT1 Silver 115
NT1 Silver 116
NT1 Silver 117
NT1 Silver 118
NT1 Silver 119
NT1 Silver 120
NT1 Silver 121
NT1 Silver 122
NT1 Silver 123

SILVER NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER ORES [01]
BT1 Ores

SILVER OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER PERCHLORATES [01]
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER SELENIDES [01]
DA August 1976
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Silver Compounds
BT2 Transition Element Compounds

SILVER SULFATES [01]
BT1 Silver Compounds
BT2 Transition Element Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

SILVER SULFIDES [01]
BT1 Silver Compounds
BT2 Transition Element Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SILVER 107 TARGET [01]
DA July 1976
BT1 Targets

SILVER 108 TARGET [01]
DA September 1976
BT1 Targets

SILVER 109 TARGET [01]
DA July 1976
BT1 Targets

SILVER TELLURIDES [01]
DA February 1976
BT1 Silver Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

SILVER TUNGSTATES [01]
DA July 1978
BT1 Silver Compounds
BT2 Transition Element Compounds
BT1 Tungstates

SILVER-ZINC BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

SIMIAN VIRUS [01]
UF *Sv 40 Virus*
BT1 Viruses
BT2 Microorganisms
BT2 Parasites

SIMS
(Secondary ion mass spectroscopy.)
DA March 1978
USE Ion Microprobe Analysis
AND Mass Spectroscopy

SIMULATION [01]
NT1 Computerized Simulation
RT Functional Models
RT Plasma Simulation
RT Scaling Laws
RT Simulators
RT Systems Analysis

SIMULATORS [01]
BT1 Analog Systems
BT1 Functional Models
NT1 Reactor Simulators
RT Mockup
RT Plasma Simulation
RT Simulation

Simulators (Reactor)
USE Reactor Simulators

SIN CYCLOTRON [01]
UF *Swiss Institute Nuclear Research Cyclotron*
UF *Villigen Cyclotron*
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Sine Generators
USE Function Generators

SINE-GORDON EQUATION [01]
DA December 1976
BT1 Field Equations
BT2 Equations
RT Quantum Field Theory
DEF Field equation in two space-time dimensions defining a quantum field theory.

SINGAPORE [01]
BT1 Asia

Single Administration
USE Single Intake

SINGLE CELL PROTEIN
DA January 1976
RT Animal Feeds
RT Autotrophs
RT Batch Culture
RT Continuous Culture
RT Proteins
RT Semibatch Culture
DEF Feed and food protein derived from single-cell microorganisms grown on various resources and wastes.

Single Crystals
USE Monocrystals

SINGLE INTAKE [01]
UF *Single Administration*
UF+ *Accidental Intake*
BT1 Intake
RT Accidents
RT First Aid
RT Injuries

Single-Level Resonance Formula
USE Breit-Wigner Formula

SINGLE-PARTICLE MODEL [01]
UF *Independent-Particle Model*
RT Atomic Models
RT Nuclear Models
RT Schmidt Model

SINGLE-PARTICLE MODES [01]
UF *Modes (Single-Particle)*
BT1 Oscillation Modes

SINGULARITY [01]
UF+ *Residues (Mathematical)*
RT Functions
RT Landau Curves
RT S Matrix
RT Scattering Amplitudes

Sintered Aluminum Powders
USE SAP

SINTERED MATERIALS [01]
NT1 SAP
RT Powder Metallurgy
RT Powders
RT Sintering

SINTERING [01]
UF *Liquid-Phase Sintering*
BT1 Fabrication
RT Agglomeration
RT Furnaces
RT Porosity
RT Powder Metallurgy
RT Sintered Materials

SINTERS
DA March 1976
BT1 Sedimentary Rocks
BT2 Rocks
DEF Chemical sedimentary rocks desposited as a hard incrustation on rocks or on the ground by precipitation from cold mineral water of springs, lakes, or streams; specifically siliceous sinter and calcareous sinter.

SINUSES
DA January 1979
RT Body Areas
DEF A term used in anatomical nomenclature to designate a cavity or hollow space.

Sioux Falls Pathfinder Reactor
USE Pathfinder Reactor

Siredon
USE Axolotl

SIRIUS DEVICE [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

Sirius Synchrotron
USE Tomsk Synchrotron

SISTER CHROMATID EXCHANGES [01]
DA November 1977
BT1 Mutations
RT Genetic Effects
RT Genetic Radiation Effects
RT Hereditary Diseases

SITE PREPARATION
DA July 1976
RT Site Selection

SITE SELECTION [01]
UF *Reactor Siting*
RT Accidents
RT Archaeological Sites
RT Environment
RT Licensing
RT Meteorology
RT Offshore Nuclear Power Plants
RT Offshore Sites
RT Planning
RT Reactor Safety
RT Reactor Sites
RT Site Preparation

Sites (Reactor)
USE Reactor Sites

SITOSTEROL [01]
BT1 Sterols
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Steroids
BT3 Organic Compounds

SIZE [01]
NT1 Critical Size
NT1 Grain Size
NT1 Particle Size
RT Dimensions
RT Thickness
RT Volume
RT Width

SIZEWELL-A REACTOR [01]
UF *Sizewell Nuclear Power Station A*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors

BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SIZEWELL-B REACTOR [01]
UF *Sizewell Nuclear Power Station B*
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Sizewell Nuclear Power Station A
USE Sizewell-A Reactor

Sizewell Nuclear Power Station B
USE Sizewell-B Reactor

SKAGIT-1 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

SKAGIT-2 REACTOR [01]
DA January 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT GE Standard Reactor

SKELETAL DISEASES [01]
UF *Bone Diseases*
UF+ *Chondrosarcomas*
BT1 Diseases
NT1 Bone Fractures
NT1 Osteomyelitis
NT1 Osteoporosis
NT1 Osteoradionecrosis
NT1 Osteosarcomas
NT1 Rheumatic Diseases
NT1 Rickets
NT1 Spondylitis
RT Skeleton

SKELETON [01]
UF *Bones*
BT1 Organs
BT2 Body
NT1 Bone Joints
NT1 Exoskeleton
NT1 Femur
NT1 Skull
NT2 Jaw
NT1 Tibia
NT1 Vertebrae
RT Bone Tissues
RT Limbs
RT Skeletal Diseases

SKIMMERS
DA August 1976
BT1 Pollution Control Equipment
BT2 Equipment
RT Offshore Operations
RT Oil Spills
DEF Equipment of oil spill cleanup and removal.

SKIN [01]
UF+ *Sebaceous Glands*
UF+ *Sweat Glands*
BT1 Organs
BT2 Body
NT1 Epidermis
NT1 Hair
NT1 Nails
RT Epilation
RT Erythema
RT Feathers
RT Gloves
RT Leather
RT Lupus
RT Melanin
RT Ointments
RT Psoriasis
RT Skin Absorption
RT Skin Diseases
RT Sweat
RT Tissues
RT Wounds

SKIN ABSORPTION [01]
UF *Absorption (Skin)*
BT1 Uptake
RT Gloves
RT Protective Clothing
RT Skin

SKIN DISEASES [01]
BT1 Diseases
NT1 Dermatitis
NT2 Radiodermatitis
NT1 Eczema
NT1 Herpes Simplex
NT1 Lupus
NT1 Psoriasis
NT1 Xeroderma Pigmentosum
RT Burns
RT Erythema
RT Skin

SKIN EFFECT [01]
RT Electric Conductors
RT Electric Currents
RT Magnetic Flux

SKLODOWSKITE [01]
BT1 Magnesium Silicates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

SKULL [01]
BT1 Skeleton
BT2 Organs
BT3 Body
NT1 Jaw
RT Brain
RT Head

SKYLAB [01]
BT1 Satellites

SKYLIGHTS
DA October 1975
RT Glazing Materials
RT Lighting Systems
RT Windows

SKYRME POTENTIAL [01]
DA January 1975
BT1 Nucleon-Nucleon Potential
BT2 Potentials
RT Elastic Scattering
RT Inelastic Scattering
RT Nuclear Reactions

SL GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups

SL-1 REACTOR [01]
UF *Stationary Low Power Plant-1*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SLABS [01]
(Thicker than PLATES, primarily for use in shielding studies.)
RT Configuration

SLAGGIE MODEL [01]
RT Transport Theory

SLAGGING PYROLYSIS PROCESS
DA November 1976
UF *Andco-Torrax Slagging Pyrolysis System*
BT1 Waste Processing
BT2 Processing
BT2 Waste Management
BT3 Management
DEF Andco-Torrax process for gasification of unprocessed solid waste and recovery of energy in waste heat boiler of special design for steam and/or power generation.

SLAGS [01]
RT Gangue
RT Seed-Slag Interactions

SLAT TYPE COLLECTORS
DA October 1978
UF *Linear-Segmented Array Collector*
BT1 Concentrating Collectors
BT2 Solar Collectors

Slater Determinant
USE Slater Method

Slater Integrals
USE Slater Method

SLATER METHOD [01]
UF *Slater Determinant*
UF *Slater Integrals*
UF *Slater Orbitals*
RT Aligned Coupling Scheme
RT Electronic Structure
RT Wave Functions

Slater Orbitals
USE Slater Method

Slatis-Siegbahn Spectrometers
USE Magnetic Lens Spectrometers

SLEEP [01]
RT Aestivation
RT Hibernation
RT Hypnotics and Sedatives

RT Physiology

SLEEVES [01]
RT Jackets
RT Reactor Components

SLIDING FRICTION [01]
BT1 Friction

SLIGHTLY ENRICHED URANIUM [01]
(0 - 5 per cent.)
BT1 Enriched Uranium
BT2 Isotope Enriched Materials
BT2 Uranium
BT3 Actinides
BT4 Metals
BT5 Elements

Slime Fungi
USE Myxomycetes

SLIP [01]
RT Deformation
RT Dislocations
RT Slip Ratio
RT Slip Velocity
RT Twinning

SLIP CASTING [01]
(Non-metallurgical procedure.)
BT1 Casting
BT2 Fabrication
RT Ceramics

SLIP FLOW [01]
BT1 Gas Flow
BT2 Fluid Flow
DEF Rarefied gas flow in the region between Knudsen numbers 0.01 and 0.1 only.

SLIP RATIO [01]
RT Slip

SLIP VELOCITY [01]
RT Slip

SLOOP EVENT [01]
BT1 Plowshare Project
RT Mining

SLOPE STABILITY
DA March 1979
BT1 Stability
RT Ground Motion
RT Strata Control
RT Surface Mining

SLOW NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles

Slowdown
USE Slowing-Down

SLOWING-DOWN [01]
UF *Slowdown*
NT1 Thermalization
RT Absorption
RT Energy Losses
RT Fermi Age Theory
RT Greuling-Goertzel Approximation
RT Neutron Age
RT Neutron Converters
RT Neutron Slowing-Down Theory
RT Neutron Transport Theory
RT Selengut-Goertzel Equation
RT Slowing-Down Kernels
RT Slowing-Down Length
RT Van Hove Theory
RT Wick Method
RT Wigner-Wilkins Model
RT Wilkins Equation

Slowing-Down Area
USE Slowing-Down Length

SLOWING-DOWN KERNELS [01]
UF *Kernels (Slowing-Down)*
RT Neutron Slowing-Down Theory
RT Slowing-Down

SLOWING-DOWN LENGTH [01]
UF *Slowing-Down Area*
RT Migration Length
RT Slowing-Down

Slowing-Down Theory (Neutron)
USE Neutron Slowing-Down Theory

SLOWPOKE-OTTAWA REACTOR [01]
UF *Slowpoke Reactor (Ottawa)*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Slowpoke Reactor (Ottawa)
USE Slowpoke-Ottawa Reactor

Slowpoke Reactor (Toronto)
USE Slowpoke-Toronto Reactor

SLOWPOKE-TORONTO REACTOR [01]
UF *Slowpoke Reactor (Toronto)*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

SLUDGES
DA May 1976
RT Sediments
RT Slurries
RT Soil Conservation
RT Wastes

Slugs (Fuel)
USE Fuel Rods

SLUREX PROCESS [01]
BT1 Separation Processes
RT Leaching
RT Ore Enrichment
RT Ore Processing
RT Slurries
RT Solvent Extraction
RT Uranium Concentrates

SLURRIES [01]
UF *Pulps*
BT1 Mixtures
BT2 Dispersions
BT1 Suspensions
BT2 Dispersions
NT1 Fuel Slurries
RT Ore Processing
RT Sewage Sludge
RT Sludges
RT Slurex Process

Slurries (Fuel)
USE Fuel Slurries

SLURRY PIPELINES
DA August 1975
BT1 Freight Pipelines
BT2 Pipelines
RT Coal
RT Hydraulic Transport
RT Transportation Systems

SLURRY REACTORS [01]
BT1 Fuel Dispersion Reactors
BT2 Homogeneous Reactors
BT3 Reactors
RT Fuel Slurries

SLUSH
DA January 1976
RT Hydrogen Fuels
RT Ice
RT Propellants
RT Snow
RT Water

SM-1A REACTOR [01]
UF *Stationary Medium Power Plant-1A*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SM-1 REACTOR [01]
UF *Stationary Medium Power Plant-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SM-2 REACTOR [01]
UF *Melekess-SM-2 Reactor*
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SMALL ANGLE SCATTERING [01]
BT1 Scattering
RT Angular Distribution
RT Optical Theorem

SMALL BUSINESSES
DA September 1977
RT Commercial Sector
DEF Businesses and commercial establishments employing fewer than 500 people.

SMALL INTESTINE [01]
UF *Duodenum*
UF *Ileum*
UF *Jejunum*
BT1 Intestines
BT2 Gastrointestinal Tract
BT3 Digestive System
BT2 Organs
BT3 Body
RT Ascaris
RT Intestinal Absorption
RT Mesentery

SMARTOR DEVICE
DA December 1977
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

SMECTITE
DA November 1976
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates

BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
DEF A green clay. A greenish variety of halloysite, $Al_4(Si_4O_{10})(OH)_8$.

SMELTING [01]
RT Melting
RT Pyrometallurgy

SMOG
DA November 1975
RT Air Pollution
RT Photochemical Oxidants
RT Visibility

Smokatron
USE Electron-Ring Accelerators

SMOKE DETECTORS
DA November 1978
RT Aerosols
RT Smokes

SMOKES [01]
BT1 Aerosols
BT2 Sols
BT3 Colloids
BT4 Dispersions
BT1 Residues
NT1 Tobacco Smokes
RT Plumes
RT Smoke Detectors
RT Soot
RT Visibility

SMOOTH MANIFOLDS [01]
BT1 Mathematical Manifolds
RT Conformal Mapping
RT Differential Topology
RT Riemann Space
RT Topological Foliation

Smoothness
USE Roughness

SMP Devices
USE Scanning Measuring Projectors

SMR REACTOR
DA January 1975
UF *Solid Moderated Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors

Sn Method
USE Discrete Ordinate Method

SNAILS [01]
BT1 Molluscs
BT2 Aquatic Organisms
BT2 Invertebrates
BT3 Animals
RT Disease Vectors
RT Schistosomiasis
RT Seafood

SNAKES [01]
BT1 Reptiles
BT2 Vertebrates
BT3 Animals

SNAP-10A Flight System Test-1
USE S10FS-1 Reactor

SNAP-10A Flight System Test-3
USE S10FS-3 Reactor

SNAP-10A Flight System Test-4
USE S10FS-4 Reactor

SNAP-10A Transient Test Reactor
USE SNAPTRAN Reactors

SNAP-2/10A TSF Shielding Reactor
USE SNAP-TSF Reactor

SNAP BATTERIES [01]
(Battery Systems for Nuclear Auxiliary Power.)
BT1 Radioisotope Batteries
BT2 Direct Energy Converters
NT1 SNAP 1 Battery
NT1 SNAP 3 Battery
NT1 SNAP 5 Battery
NT1 SNAP 7 Battery
NT1 SNAP 9 Battery
NT1 SNAP 11 Battery
NT1 SNAP 13 Battery
NT1 SNAP 15 Battery
NT1 SNAP 17 Battery
NT1 SNAP 19 Battery
NT1 SNAP 21 Battery
NT1 SNAP 23 Battery
NT1 SNAP 25 Battery
NT1 SNAP 27 Battery
NT1 SNAP 29 Battery

SNAP 1 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 3 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 5 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 7 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 9 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 11 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 13 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 15 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 17 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 19 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 21 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 23 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 25 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 27 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP 29 BATTERY [01]
BT1 SNAP Batteries
BT2 Radioisotope Batteries
BT3 Direct Energy Converters

SNAP-8 Developmental Reactor
USE S8DR Reactor

SNAP-2 Developmental System
USE S2DS Reactor

SNAP-2 Experimental Reactor
USE SER Reactor

SNAP-8 Experimental Reactor
USE S8ER Reactor

SNAP 2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 SNAP Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
NT1 S2DS Reactor

SNAP 4 REACTOR
DA April 1975
UF *S4 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

SNAP 8 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 SNAP Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
NT1 S8DR Reactor
NT1 S8ER Reactor

SNAP 10 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 SNAP Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
NT1 S10FS-1 Reactor
NT1 S10FS-3 Reactor
NT1 S10FS-4 Reactor

SNAP 50 REACTOR
DA April 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 SNAP Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors

SNAP REACTORS [01]
(Reactor Systems for Nuclear Auxiliary Power.)
BT1 Space Power Reactors
BT2 Mobile Reactors
BT3 Reactors
BT2 Power Reactors
BT3 Reactors
NT1 SNAP 2 Reactor

NT2 S2DS Reactor
NT1 SNAP 8 Reactor
NT2 S8DR Reactor
NT2 S8ER Reactor
NT1 SNAP 10 Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT1 SNAP 50 Reactor
RT SPUR Reactor
RT Thermionic Reactors

SNAP-TSF REACTOR [01]
UF *SNAP-2/10A TSF Shielding Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Process Heat Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

SNAPTRAN-1 Reactor
USE SNAPTRAN Reactors

SNAPTRAN-2 Reactor
USE SNAPTRAN Reactors

SNAPTRAN-3 Reactor
USE SNAPTRAN Reactors

SNAPTRAN REACTORS [01]
UF *SNAP-10A Transient Test Reactor*
UF *SNAPTRAN-1 Reactor*
UF *SNAPTRAN-2 Reactor*
UF *SNAPTRAN-3 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 NaK Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Potassium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

SNEAK REACTOR [01]
UF *Schnelle Null-Energie Anordnung Karlsruhe*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

SNELL EXPERIMENT [01]
RT Fission

SNG
DA October 1975
USE High BTU Gas

SNG PLANTS
DA October 1976
BT1 Industrial Plants
RT High BTU Gas
RT SNG Processes

SNG PROCESSES
DA April 1975
NT1 Carbon Dioxide Acceptor Process
NT1 Fluidized Bed Hydrogenation Process
NT1 Gas Recycle Hydrogenation Process
NT1 Gasynthan Process
NT1 Hydrane Process
NT1 Hygas Process
NT1 JGC Methane-Rich Gas Process
NT1 Kellogg Process
NT1 Peatgas Process
NT1 RMProcess
NT1 Shell Gasification Process
RT Atgas Process
RT Bi-Gas Process
RT Coal Gasification
RT Exxon Gasification Process
RT High BTU Gas
RT Koppers-Totzek Process
RT Lurgi Process
RT Patgas Process
RT Petroleum
RT Petroleum Products
RT SNG Plants
RT Synthane Process
RT Winkler Process
DEF Processes for production of substitute natural gas from hydrocarbon liquids or coal.

SNOW [01]
BT1 Atmospheric Precipitations
RT Antarctic Regions
RT Arctic Regions
RT Disasters
RT Glaciers
RT Ice
RT Rain
RT Slush
RT Storms

SNPA-DEA PROCESS
DA January 1975
RT Desulfurization
DEF Process for sweetening raw gas streams containing a total of about 10% or more of acid gases (H_2S plus CO_2) at operating pressures of about 500 psig or higher.

SNR Reactor
(Changed to SNR-1 Reactor in 1977.)
DA October 1976
USE SNR-1 Reactor

SNR-1 REACTOR
(Prior to 1977, SNR Reactor was used.)
DA October 1976
UF *Kalkar Power Reactor*
UF *Schneller Natriumgekuehlter Reaktor*
UF *SNR Reactor*
UF *SNR-300 Reactor*
BT1 LMFBR Type Reactors
BT2 FBR Type Reactors
BT3 Breeder Reactors
BT4 Reactors
BT3 Fast Reactors
BT4 Epithermal Reactors
BT5 Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

SNR-2 REACTOR [01]
DA October 1976
BT1 LMFBR Type Reactors
BT2 FBR Type Reactors
BT3 Breeder Reactors
BT4 Reactors
BT3 Fast Reactors
BT4 Epithermal Reactors
BT5 Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

SNR-300 Reactor
USE SNR-1 Reactor

SO GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups
NT1 SO-2 Groups
NT1 SO-3 Groups
NT1 SO-4 Groups

SO-2 GROUPS [01]
DA May 1978
BT1 SO Groups
BT2 Lie Groups
BT3 Symmetry Groups

SO-3 GROUPS [01]
BT1 SO Groups
BT2 Lie Groups
BT3 Symmetry Groups

SO-4 GROUPS [01]
DA November 1977
BT1 SO Groups
BT2 Lie Groups
BT3 Symmetry Groups

SOAPS [01]
BT1 Other Organic Compounds
BT2 Organic Compounds
RT Detergents
RT Emulsifiers
RT Organic Acids

SOCIAL IMPACT
DA January 1977
RT Aesthetics
RT Ethics
RT Health Services
RT Socio-Economic Factors
RT Sociology

SOCIAL SERVICES
DA April 1978
NT1 Health Services
RT Boom Towns
RT Local Government
RT State Government

SOCIO-ECONOMIC FACTORS
DA March 1976
BT1 Institutional Factors
RT Communities
RT Economic Impact
RT Economics
RT Health Services
RT High Income Groups
RT Life Styles
RT Low Income Groups
RT Political Aspects
RT Property Values
RT Social Impact
RT Sociology

SOCIOLOGY [01]
RT Aesthetics
RT Anthropology
RT Elderly People
RT Ethics
RT Human Populations
RT Leisure Time Activities
RT Man
RT Minority Groups
RT Occupations
RT Public Relations
RT Regional Analysis
RT Social Impact
RT Socio-Economic Factors
RT Urban Populations

Soda Ash
DA March 1977
USE Sodium Carbonates

SODDYITE [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

SODIUM [01]
BT1 Alkali Metals
BT2 Metals
BT3 Elements

SODIUM 19 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 20 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 21 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 22 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

SODIUM 23 [01]
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
RT Sodium 23 Beams

SODIUM 24 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 25 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 26 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 27 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 28 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 29 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 30 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 31 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 32 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM 33 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Sodium Isotopes
BT2 Alkali Metal Isotopes
BT3 Isotopes

SODIUM ADDITIONS [01]
BT1 Sodium Alloys
BT2 Alloys

SODIUM ALLOYS [01]
BT1 Alloys
NT1 Sodium Additions
NT1 Sodium Base Alloys

SODIUM BASE ALLOYS [01]
BT1 Sodium Alloys
BT2 Alloys

SODIUM 23 BEAMS [01]
DA August 1976
BT1 Ion Beams
BT2 Beams

RT Sodium 23

SODIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM CARBONATES [01]
UF *Soda Ash*
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
NT1 Shortite
NT1 Trona

SODIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

Sodium Citrates
DA April 1977
USE Citrates
AND Sodium Compounds

SODIUM COMPLEXES [01]
BT1 Alkali Metal Complexes
BT2 Complexes

SODIUM COMPOUNDS [01]
UF+ *Sodium Citrates*
BT1 Alkali Metal Compounds
NT1 Borax
NT1 Dawsonite
NT1 Hypaque
NT1 Nahcolite
NT1 Rochelle Salt
NT1 Sodium Borides
NT1 Sodium Bromides
NT1 Sodium Carbides
NT1 Sodium Carbonates
NT2 Shortite
NT2 Trona
NT1 Sodium Chlorides
NT1 Sodium Fluorides
NT1 Sodium Hydrides
NT1 Sodium Hydroxides
NT1 Sodium Iodides
NT1 Sodium Nitrates
NT1 Sodium Nitrides
NT1 Sodium Oxides
NT2 Clarkeite
NT2 Sodium Tungsten Bronze
NT1 Sodium Perchlorates
NT1 Sodium Phosphates
NT1 Sodium Silicates
NT2 Catapleite
NT2 Elpidite
NT2 Lavenite
NT2 Lovozerite
NT1 Sodium Silicides
NT1 Sodium Sulfates
NT2 Schroeckingerite
NT1 Sodium Sulfides
NT1 Sodium Tellurides
NT1 Sodium Tungstates
NT1 Sodium Uranates
NT1 Strelkinite
NT1 Tiron

Sodium Cooled Graphite Moderated Reactors
USE SGR Type Reactors

SODIUM COOLED REACTORS [01]
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 Beloyarsk-3 Reactor
NT1 BN-350 Reactor
NT1 BOR-60 Reactor
NT1 Clinch River Breeder Reactor
NT1 EBR-1 Reactor
NT1 EBR-2 Reactor
NT1 Enrico Fermi-1 Reactor
NT1 FFTF Reactor
NT1 HNPF Reactor
NT1 KNK Reactor
NT1 KNK-2 Reactor
NT1 LAMPRE-1 Reactor
NT1 Monju Reactor
NT1 PFR Reactor
NT1 Phenix Reactor
NT1 Rapsodie Reactor
NT1 SBR-5 Reactor
NT1 SEFOR Reactor
NT1 SER Reactor
NT1 SGR Type Reactors
NT2 SRE Reactor
NT1 Snap 4 Reactor
NT1 SNAP 10 Reactor
NT2 S10FS-1 Reactor
NT2 S10FS-3 Reactor
NT2 S10FS-4 Reactor
NT1 SNAP-TSF Reactor
NT1 SNAPTRAN Reactors
NT1 SNR-1 Reactor
NT1 SNR-2 Reactor
NT1 Super Phenix Reactor
NT1 ZRR Reactor
RT NaK Cooled Reactors

Sodium Cooled Zirconium Hydride Moderated Reactors
USE SZR Type Reactors

SODIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

Sodium Iodide Detectors
DA February 1979
USE NaI Detectors

SODIUM IODIDES [01]
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SODIUM ISOTOPES [01]
BT1 Alkali Metal Isotopes
BT2 Isotopes
NT1 Sodium 19
NT1 Sodium 20
NT1 Sodium 21
NT1 Sodium 22
NT1 Sodium 23
NT1 Sodium 24
NT1 Sodium 25
NT1 Sodium 26
NT1 Sodium 27
NT1 Sodium 28
NT1 Sodium 29
NT1 Sodium 30
NT1 Sodium 31
NT1 Sodium 32
NT1 Sodium 33

SODIUM MINERALS
DA June 1975
BT1 Minerals
NT1 Dawsonite
NT1 Nahcolite
NT1 Shortite
NT1 Trona

SODIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM NITRIDES
DA December 1977
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
NT1 Clarkeite
NT1 Sodium Tungsten Bronze

SODIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds

SODIUM 23 REACTIONS [01]
DA October 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

Sodium Reactor Experiment
USE SRE Reactor

SODIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
NT1 Catapleite
NT1 Elpidite
NT1 Lavenite
NT1 Lovozerite

SODIUM SILICIDES [01]
DA July 1976
BT1 Silicides
BT2 Silicon Compounds
BT1 Sodium Compounds

BT2 Alkali Metal Compounds

SODIUM SULFATES [01]
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
NT1 Schroeckingerite

SODIUM SULFIDES [01]
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

SODIUM-SULFUR BATTERIES
DA January 1975
BT1 Metal-Nonmetal Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

SODIUM 22 TARGET [01]
DA November 1976
BT1 Targets

SODIUM 23 TARGET [01]
DA July 1976
BT1 Targets

SODIUM TELLURIDES [01]
DA November 1976
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

SODIUM TUNGSTATES [01]
DA January 1975
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Tungstates

SODIUM TUNGSTEN BRONZE
DA August 1979
UF *Bronze (Sodium Tungsten)*
BT1 Sodium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Tungsten Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tungsten Compounds
BT3 Transition Element Compounds
RT Perovskites
DEF One of a series of metallic substances consisting of metallic and nonmetallic elements. Na_xWO_3 with $0.45<x<1$ exhibit perovskite-type structure.

SODIUM URANATES [01]
DA April 1975
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

Sodium-Water Reactions
DA April 1977
USE Molten Metal-Water Reactions

SOFT COMPONENT [01]
BT1 Cosmic Radiation
BT2 Ionizing Radiations
BT3 Radiations

SOFT-CORE POTENTIAL [01]
BT1 Nuclear Potential
BT2 Potentials

Soft Pion Theorem
DA February 1979
USE Low-Energy Theorem

Soft-Pion Theorem
DA April 1979
USE Low-Energy Theorem

Soft Soldering
USE Soldering

SOFT X RADIATION [01]
BT1 X Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT2 Ionizing Radiations
BT3 Radiations

SOIL CHEMISTRY
DA March 1977
BT1 Chemistry
RT Agriculture
RT Biochemistry
RT Fertilizers
RT Soil Conservation
RT Soils

SOIL CONSERVATION
DA April 1978
BT1 Resource Conservation
RT Agriculture
RT Crops
RT Erosion
RT Fertilizers
RT Irrigation
RT Land Reclamation
RT Sewage Sludge
RT Sludges
RT Soil Chemistry
RT Soil Mechanics
RT Soils
RT Waste Disposal
RT Waste Product Utilization
DEF Management of soils to optimize crop yields while improving soil texture and stability.

SOIL MECHANICS [01]
DA August 1976
RT Overburden
RT Rock Mechanics
RT Sea Bed
RT Soil Conservation
RT Soils
DEF Mechanical properties of a mass of loose or undounded particles.

SOILS [01]
NT1 Loam
RT Aerobacter
RT Agriculture
RT Alluvial Deposits
RT Clays
RT Ecosystems
RT Embankments
RT Environmental Materials
RT Fallout Deposits
RT Fulvic Acids
RT Ground Water
RT Humic Acids
RT Humus
RT Irrigation
RT Nitrogen Fixation
RT Permafrost
RT Plants
RT Proteus
RT Radionuclide Migration
RT Roots
RT Sand
RT Soil Chemistry
RT Soil Conservation
RT Soil Mechanics
RT Terrestrial Ecosystems

Soja Bean Oil
USE Soybean Oil

SOL-GEL PROCESS [01]
RT Colloids
RT Fuel Cycle
RT Reprocessing

SOLANUM [01]
DA February 1979
BT1 Plants
NT1 Solanum Tuberosum

SOLANUM TUBEROSUM [01]
UF *Potato Plant*
BT1 Solanum
BT2 Plants
RT Potatoes

SOLAR ABSORBERS
DA October 1977
UF *Absorbers (Solar)*
RT Antireflection Coatings
RT Black Chrome
RT Black Coatings
RT Black Liquids
RT Black Nickel
RT Coatings
RT Solar Collectors
RT Spectrally Selective Surfaces

SOLAR ACTIVITY [01]
NT1 Faculae
NT1 Plages
NT1 Solar Flares
NT1 Solar Granulation
NT1 Solar Prominences
NT1 Solar Radio Bursts
NT1 Solar Wind
NT1 Solar X-Ray Bursts
NT1 Sunspots
RT Solar Cycle
RT Sun

SOLAR AIR CONDITIONERS
DA January 1975
BT1 Air Conditioners
BT2 Electric Appliances
BT3 Appliances
BT1 Solar Cooling Systems
NT1 Solar-Assisted Heat Pumps
RT Solar Air Conditioning
RT Vuilleumier Cycle

SOLAR AIR CONDITIONING
DA January 1975
BT1 Air Conditioning
RT Radiative Cooling
RT Solar Air Conditioners
RT Solar Regenerators

SOLAR AIR HEATERS
DA January 1975
BT1 Solar Collectors
NT1 Trombe Walls
RT Air Heaters
RT Flat Plate Collectors
RT Passive Solar Heating Systems
DEF Solar collectors that use air as heat transfer fluid.

SOLAR ALPHA PARTICLES
DA August 1975
BT1 Alpha Particles
BT2 Charged Particles
BT1 Solar Particles
BT2 Solar Radiation
BT3 Radiations
BT2 Stellar Radiation

SOLAR-ASSISTED HEAT PUMPS
DA August 1976
BT1 Heat Pumps
BT2 Heat Exchangers
BT1 Solar Air Conditioners
BT2 Air Conditioners
BT3 Electric Appliances
BT4 Appliances
BT2 Solar Cooling Systems
BT1 Solar Heating Systems
BT2 Heating Systems

SOLAR-ASSISTED POWER SYSTEMS
DA April 1977
BT1 Power Systems
RT Heat Engines
RT Thermal Energy Storage Equipment

SOLAR ATMOSPHERE [01]
BT1 Atmospheres

NT1 Chromosphere
NT1 Photosphere
RT Stellar Atmospheres
RT Sun

Solar Batteries
DA January 1975
USE Solar Cell Arrays

SOLAR BATTERY CHARGERS
DA January 1976
BT1 Battery Chargers

SOLAR CELL ARRAYS
DA January 1975
UF *Solar Batteries*
BT1 Photovoltaic Power Plants
BT2 Solar Power Plants
BT3 Power Plants
RT Photovoltaic Cells
RT Photovoltaic Power Supplies
RT Solar Cells

SOLAR CELLS [01]
BT1 Photovoltaic Cells
BT2 Photoelectric Cells
BT3 Direct Energy Converters
NT1 Cadmium Selenide Solar Cells
NT1 Cadmium Sulfide Solar Cells
NT1 Cadmium Telluride Solar Cells
NT1 Concentrator Solar Cells
NT1 Gallium Arsenide Solar Cells
NT1 Gallium Phosphide Solar Cells
NT1 Indium Phosphide Solar Cells
NT1 Organic Solar Cells
NT1 Selenium Solar Cells
NT1 Silicon Solar Cells
RT Combined Collectors
RT Graded Band Gaps
RT Photovoltaic Power Supplies
RT Solar Cell Arrays
RT Solar Collectors

SOLAR COLLECTORS
DA January 1975
NT1 Combined Collectors
NT1 Concentrating Collectors
NT2 Fixed Mirror Collectors
NT2 Parabolic Collectors
NT3 Parabolic Dish Collectors
NT3 Parabolic Trough Collectors
NT2 Slat Type Collectors
NT2 V Trough Collectors
NT1 Evacuated Collectors
NT2 Evacuated Tube Collectors
NT1 Flat Plate Collectors
NT2 Trickle-Type Collectors
NT1 Inflatable Collectors
NT1 Solar Air Heaters
NT2 Trombe Walls
NT1 Solar Ponds
NT2 Roof Ponds
NT1 Tower Focus Collectors
NT1 Unglazed Solar Collectors
RT Black Liquids
RT Central Receivers
RT Drain-Down Systems
RT Freeze-Cycle System
RT Honeycomb Structures
RT Solar Absorbers
RT Solar Cells
RT Solar Energy
RT Solar Furnaces
RT Thermic Diode Solar Panels

SOLAR CONCENTRATORS
DA October 1975
NT1 Compound Parabolic Concentrators
NT1 Solar Reflectors
NT2 Parabolic Reflectors
RT Concentrating Collectors
RT Concentration Ratio
RT Concentrator Solar Cells
RT Fresnel Lens
RT Mirrors

SOLAR CONSTANT [01]
DA January 1975
RT Solar Radiation

SOLAR COOKERS
DA January 1975
RT Solar Cooking

SOLAR COOKING
DA January 1975
RT Solar Cookers
RT Solar Heating

SOLAR COOLING SYSTEMS
DA July 1977
NT1 Passive Solar Cooling Systems
NT2 Bead Walls
NT2 Drum Walls
NT2 Roof Ponds
NT1 Solar Air Conditioners
NT2 Solar-Assisted Heat Pumps
RT Cold Storage
RT Dehumidification

SOLAR CORONA [01]
UF *Corona (Solar)*
RT Sun

SOLAR CYCLE [01]
RT Solar Activity
RT Sun
RT Sunspots

SOLAR DISTILLATION
DA January 1975
RT Solar Process Heat
RT Solar Stills

Solar Domestic Water Heating
DA December 1977
USE Solar Water Heating

SOLAR DRYERS
DA January 1975
BT1 Dryers
RT Solar Furnaces
RT Solar Process Heat

SOLAR DRYING
DA November 1975
BT1 Drying
RT Solar Heating
RT Solar Process Heat

SOLAR ELECTRIC PROPULSION
DA January 1975
BT1 Propulsion

Solar Electron Events
USE Solar Electrons

SOLAR ELECTRONS
(Prior to July, 1975 information was indexed to ELECTRONS.)
DA August 1975
UF *Solar Electron Events*
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT1 Solar Particles
BT2 Solar Radiation
BT3 Radiations
BT2 Stellar Radiation

SOLAR ENERGY [01]
BT1 Energy
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Solar Collectors
RT Solar Energy Research Institute
RT Solar Heating
RT Solar Industry
RT Solar Radiation
RT Solar Rights
RT Sun

SOLAR ENERGY CONVERSION
DA January 1975
BT1 Energy Conversion
BT2 Conversion
NT1 Ocean Thermal Energy Conversion
RT Photoelectrolysis
RT Photoelectrolytic Cells

SOLAR ENERGY RESEARCH INSTITUTE
DA February 1978
UF *SERI*
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
RT Solar Energy

SOLAR FLARES [01]
BT1 Solar Activity
RT Forbush Decrease
RT Solar Particles
RT Solar Radiation
RT Solar Radio Bursts
RT Solar Wind
RT Solar X-Ray Bursts
RT Space Flight
RT Stellar Flares
RT Sun
RT Supersonic Transport

SOLAR FLUX
DA January 1975
RT Insolation
RT Pyrheliometers
RT Shading
RT Solar Simulators

SOLAR FURNACES [01]
BT1 Furnaces
RT Solar Collectors
RT Solar Dryers
RT Solar Process Heat

SOLAR GRANULATION [01]
UF *Granulation (Solar)*
UF *Supergranulation*
BT1 Solar Activity
RT Photosphere
RT Sun

SOLAR HEAT ENGINES
DA January 1975
NT1 Nitinol Heat Engines
RT Brayton Cycle Power Systems
RT Regeneration
RT Regenerators
RT Stirling Engines

SOLAR HEATING
DA January 1975
BT1 Heating
NT1 Solar Space Heating
NT1 Solar Water Heating
RT Cooling Load
RT Heating Load
RT Process Heat
RT Solar Cooking
RT Solar Drying
RT Solar Energy

SOLAR HEATING SYSTEMS
DA November 1975
BT1 Heating Systems
NT1 Passive Solar Heating Systems
NT2 Bead Walls
NT2 Drum Walls
NT2 Roof Ponds
NT2 Thermic Diode Solar Panels
NT2 Trombe Walls
NT1 Solar-Assisted Heat Pumps
RT Freeze-Cycle System
RT Solar Process Heat
RT Solar Space Heating

SOLAR INDUSTRY
DA December 1977
BT1 Industry
RT Solar Energy

SOLAR KILNS
DA January 1975
BT1 Kilns
RT Drying
RT Solar Process Heat

Solar Models
DA December 1975
USE Star Models

SOLAR NEBULA [01]
BT1 Nebulae
RT Cosmological Models
RT Protoplanets
RT Solar System Evolution

SOLAR NEUTRINOS
(Prior to July, 1975 information was indexed to NEUTRINOS.)
DA July 1975
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles
BT1 Solar Radiation
BT2 Radiations

SOLAR NEUTRONS
DA April 1976
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT1 Solar Particles
BT2 Solar Radiation
BT3 Radiations
BT2 Stellar Radiation

Solar Occultation
USE Eclipse

SOLAR PARTICLES
DA May 1975
BT1 Solar Radiation
BT2 Radiations
BT1 Stellar Radiation
NT1 Solar Alpha Particles
NT1 Solar Electrons
NT1 Solar Neutrons
NT1 Solar Protons
RT Polar-Cap Absorption
RT Solar Flares

SOLAR PONDS
DA September 1975
BT1 Ponds
BT1 Solar Collectors
NT1 Roof Ponds
RT Inflatable Collectors
RT Solar Water Heaters

SOLAR POWER PLANTS [01]
DA January 1975
BT1 Power Plants
NT1 Ocean Thermal Power Plants
NT1 Orbital Solar Power Plants
NT1 Photovoltaic Power Plants
NT2 Solar Cell Arrays
NT1 Solar Thermal Power Plants
NT2 Distributed Collector Power Plants
NT2 Tower Focus Power Plants
RT Salinity Gradient Power Plants

SOLAR PROCESS HEAT
DA March 1978
BT1 Process Heat
BT2 Heat
BT3 Energy
RT Solar Distillation
RT Solar Dryers
RT Solar Drying
RT Solar Furnaces
RT Solar Heating Systems
RT Solar Kilns
RT Solar Stills
RT Solar Water Heaters

SOLAR PROMINENCES [01]
UF *Prominences (Solar)*
UF *Spicules*
BT1 Solar Activity
RT Sun

Solar Proton Events
USE Solar Protons

SOLAR PROTONS
(Prior to July, 1975 information was indexed to PROTONS.)
DA July 1975
UF *Solar Proton Events*
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT1 Solar Particles
BT2 Solar Radiation
BT3 Radiations
BT2 Stellar Radiation

SOLAR RADIATION [01]
BT1 Radiations
NT1 Solar Neutrinos
NT1 Solar Particles
NT2 Solar Alpha Particles
NT2 Solar Electrons
NT2 Solar Neutrons
NT2 Solar Protons
NT1 Solar Radiowave Radiation
RT Cosmic Radiation
RT Insolation
RT Pyranometers
RT Solar Constant
RT Solar Energy
RT Solar Flares
RT Solar Radio Bursts
RT Solar Wind
RT Solar X-Ray Bursts
RT Sun
RT Zodiacal Light

SOLAR RADIO BURSTS [01]
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT1 Solar Activity
RT Radioastronomy
RT Solar Flares
RT Solar Radiation
RT Solar Radiowave Radiation
RT Sun

SOLAR RADIOWAVE RADIATION
DA August 1975
BT1 Radiowave Radiation
BT2 Electromagnetic Radiation
BT3 Radiations
BT1 Solar Radiation
BT2 Radiations
RT Solar Radio Bursts

SOLAR REFLECTORS
DA January 1975
BT1 Solar Concentrators
NT1 Parabolic Reflectors
RT Mirrors
RT Optical Systems

SOLAR REFRIGERATION
DA January 1975
BT1 Refrigeration
BT2 Cooling
RT Solar Refrigerators

SOLAR REFRIGERATORS
DA January 1975
BT1 Refrigerators
BT2 Electric Appliances
BT3 Appliances
BT2 Refrigerating Machinery
RT Solar Refrigeration

SOLAR REGENERATORS
(System or device for regenerating absorbent solutions by solar heating, used in absorption solar air conditioning.)
DA July 1979
BT1 Regenerators
RT Solar Air Conditioning

SOLAR RIGHTS
DA April 1978
RT Laws
RT Legal Aspects
RT Ownership
RT Solar Energy

Solar Sea Power Plants
DA April 1977
USE Ocean Thermal Power Plants

SOLAR SIMULATORS
DA December 1975
RT Insolation
RT Solar Flux
DEF Equipment to simulate the solar flux for test purposes.

SOLAR SPACE HEATING
DA January 1975
BT1 Solar Heating
BT2 Heating
BT1 Space Heating
BT2 Heating
RT Heating Systems
RT Solar Heating Systems

SOLAR STILLS
DA January 1975
BT1 Evaporators
RT Solar Distillation
RT Solar Process Heat
DEF A distillation apparatus that uses solar radiation heating to evaporate the water. Can be used for water purification or desalting.

SOLAR SYSTEM [01]
RT Asteroids
RT Comets
RT Interplanetary Space
RT Meteoroids
RT Planets
RT Solar System Evolution
RT Sun

SOLAR SYSTEM EVOLUTION [01]
NT1 Planetary Evolution
RT Planet-System Accretion
RT Protoplanets
RT Solar Nebula
RT Solar System
RT Star Evolution

SOLAR THERMAL POWER PLANTS
DA January 1975
BT1 Solar Power Plants
BT2 Power Plants
NT1 Distributed Collector Power Plants
NT1 Tower Focus Power Plants

SOLAR TRACKING
DA January 1975
RT Control Equipment
RT Heliostats

SOLAR WATER HEATERS
DA January 1975
BT1 Water Heaters
BT2 Appliances
BT2 Heaters
RT Drain-Down Systems
RT Freeze-Cycle System
RT Solar Ponds
RT Solar Process Heat
RT Solar Water Heating

SOLAR WATER HEATING
(Use for solar domestic water heating; not for process hot water.)
DA December 1977
UF *Solar Domestic Water Heating*
BT1 Solar Heating
BT2 Heating
RT Solar Water Heaters

SOLAR WATER PUMPS
DA January 1975
BT1 Water Pumps
BT2 Pumps

SOLAR WIND [01]
BT1 Solar Activity

RT Chapman-Ferraro Problem
RT Expansion
RT Forbush Decrease
RT Geocorona
RT Loss Cone
RT Magnetosheath
RT Plasma
RT Radiation Pressure
RT Solar Flares
RT Solar Radiation
RT Sun

SOLAR X-RAY BURSTS [01]
BT1 Solar Activity
RT Solar Flares
RT Solar Radiation
RT Sun
RT X Radiation

SOLAS CONVENTION [01]
(London Convention on Safety of Life at Sea)
UF *London Safety of Life at Sea Convention*
BT1 International Agreements
BT2 Agreements
RT Civil Liability
RT Nuclear Ships
RT Recommendations
RT Regulations

SOLDER FLUXES
DA August 1975
RT Soldering
RT Surface Cleaning

SOLDERED JOINTS [01]
BT1 Joints
RT Soldering

SOLDERING [01]
UF *Soft Soldering*
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Brazing
RT Solder Fluxes
RT Soldered Joints

SOLENOIDS [01]
UF *Inductors*
BT1 Electric Coils
BT2 Electrical Equipment
BT3 Equipment
RT Actuators
RT Magnet Coils

SOLFATARAS
DA April 1975
BT1 Fumaroles
DEF Fumaroles, the gases of which are characteristically sulfurous.

SOLFRAC PROCESS
DA January 1977
BT1 Enhanced Recovery
BT1 Explosive Fracturing
BT2 Fracturing
BT3 Comminution
BT1 Fluid Injection
RT Oil Sands
RT Oil Shales
RT Petroleum
DEF Combination of chemical explosive fracturing and solvent injection for heavy-oil recovery.

SOLID CLUSTERS [01]
UF *Clusters (Solid)*
RT Solids

SOLID ELECTROLYTES
DA May 1979
BT1 Electrolytes
RT Electric Batteries
RT Fuel Cells

SOLID FUELS [01]
BT1 Fuels
NT1 Alloy Nuclear Fuels
NT1 Briquets
NT1 Dispersion Nuclear Fuels

SOLID HOMOGENEOUS REACTORS [01]
BT1 Homogeneous Reactors
BT2 Reactors
NT1 ACPR Reactor
NT1 Aerojet-General Nucleonics Reactors
NT2 AGN-201 Reactor Series
NT3 AGN-201M-105 Reactor
NT3 AGN-201M-112 Reactor
NT3 AGN-201P-103 Reactor
NT3 AGN-201P-111 Reactor
NT3 AGN-201-100 Reactor
NT3 AGN-201-101 Reactor
NT3 AGN-201-102 Reactor
NT3 AGN-201-104 Reactor
NT3 AGN-201-106 Reactor
NT3 AGN-201-107 Reactor
NT3 AGN-201-108 Reactor
NT3 AGN-201-109 Reactor
NT3 AGN-201-110 Reactor
NT3 AGN-201-113 Reactor
NT3 AGN-201-114 Reactor
NT2 AGN-211 Reactor Series
NT3 AGN-211P-100 Reactor
NT3 AGN-211-101 Reactor
NT3 AGN-211-102 Reactor
NT3 AGN-211-103 Reactor
NT2 AGNIR Reactor
NT1 ANEX Reactor
NT1 EBOR Reactor
NT1 NSRR Reactor
NT1 Pebble Bed Reactors
NT2 AVR Reactor
NT2 THTR-300 Reactor
NT1 Romashka Reactor
NT1 SHCA Reactor
NT1 SUR-100 Series Reactor
NT1 TREAT Reactor
***NT1** TRIGA Type Reactors
NT1 Utah University Reactor

SOLID LUBRICANTS [01]
BT1 Lubricants
RT Graphite

Solid Moderated Reactor
DA January 1975
USE SMR Reactor

SOLID SCINTILLATION DETECTORS [01]
BT1 Scintillation Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 NaI Detectors
NT1 Plastic Scintillation Detectors
RT Glass Scintillators
RT Inorganic Phosphors
RT Organic Crystal Phosphors

SOLID SOLUTIONS [01]
BT1 Solutions
BT2 Mixtures
BT3 Dispersions
RT Alloys
RT Austenite
RT Ferrite
RT Phase Diagrams
RT Solids
RT Superlattices

SOLID STATE LASERS [01]
DA January 1975
BT1 Lasers
NT1 Neodymium Lasers
NT1 Ruby Lasers

SOLID STATE PHYSICS [01]
DA February 1976
BT1 Physics
RT Crystal Structure

SOLID-STATE PLASMA [01]
BT1 Plasma
NT1 Electron-Hole Droplets
RT Electron Gas
RT Plasmons

SOLID WASTES [01]
SF *Nonradioactive Wastes*
UF *Refuse*
BT1 Wastes
NT1 Agricultural Wastes
NT2 Bagasse
NT2 Manures
NT1 Mineral Wastes
NT1 Oil Sand Tailings
NT1 Scrap
NT1 Scrap Metals
NT1 Tailings
NT2 Mill Tailings
NT1 Wood Wastes
RT Ashes
RT Bailie Process
RT Biological Wastes
RT Black Clawson System
RT Chemical Effluents
RT CPU-400 Combustion Plant
RT Dredge Spoil
RT Ground Disposal
RT Industrial Wastes
RT Landgard Pyrolysis System
RT Organic Wastes
RT Purox Pyrolysis Process
RT Refuse Derived Fuels
RT Spent Shales
RT Spoil Banks
RT Waste Disposal
RT Waste Disposal Acts

SOLIDIFICATION [01]
UF *Fixation (Waste Treatment)*
BT1 Phase Transformations
RT Crystallization
RT Freezing
RT Frost
RT Harvest Process
RT Melting
RT Segregation
RT Solids
RT Waste Processing

SOLIDS [01]
RT Crystals
RT Dispersions
RT Glass
RT Microstructure
RT Phase Diagrams
RT Portevin-Le Chatelier Effect
RT Solid Clusters
RT Solid Solutions
RT Solidification
RT Structure Factors

SOLITONS [01]
BT1 Quasi Particles
RT Extended Particle Model
RT Field Equations
RT Instantons
RT Phonons
RT Shock Waves
DEF Stable, shape preserving and localized solutions of nonlinear classical field equations of recent interest as possible models of extended elementary particles.

SOLS [01]
BT1 Colloids
BT2 Dispersions
NT1 Aerosols
NT2 Radioactive Aerosols
NT2 Smokes
NT3 Tobacco Smokes
RT Solutions

SOLUBILITY [01]
UF *Miscibility*
RT Crystallization
RT Dissolution
RT Leaching
RT Mixing
RT Precipitation
RT Saturation
RT Solutions
RT Solvent Properties
RT Solvents

RT Supersaturation

SOLUBLE POISONS [01]
BT1 Nuclear Poisons
BT2 Reactor Materials
RT Fluid Poison Control
RT Scram

SOLUTION HEAT [01]
UF *Heat of Solution*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
RT Mixing Heat

SOLUTION MINING [01]
DA February 1976
BT1 Mining
RT Leaching
RT Uranium Ores

SOLUTIONS [01]
(For mathematical solutions see ANALYTICAL SOLUTION or NUMERICAL SOLUTION.)
BT1 Mixtures
BT2 Dispersions
NT1 Aqueous Solutions
NT1 Hypertonic Solutions
NT1 Process Solutions
NT1 Solid Solutions
RT Brines
RT Buffers
RT Dilution
RT Dissolution
RT Homogeneous Mixtures
RT Organic Solvents
RT Saturation
RT Sols
RT Solubility
RT Solvents
RT Supersaturation

Solvatation
USE Solvation

SOLVATED ELECTRONS [01]
UF+ *Hydrated Electrons*
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
RT Solvation

SOLVATION [01]
UF *Solvatation*
NT1 Hydration
RT Nonaqueous Solvents
RT Solvated Electrons
DEF The chemical union of a dissolved substance and its dissolving liquid.

SOLVENT EXTRACTION [01]
UF *Extraction (Solvent)*
BT1 Extraction
BT2 Separation Processes
RT AMEX Process
RT Arco Process
RT Butex Process
RT COSORB Process
RT Counter Current
RT CSREX Process
RT Dapex Process
RT Darex Process
RT Dissolution
RT Distribution Functions
RT Entrainment
RT EUREX Process
RT Excer Process
RT Extraction Apparatuses
RT Fluorox Process
RT Flurex Process
RT Hermex Process
RT Hydrometallurgy
RT Leaching
RT Monex Process
RT Neptex Process
RT Niflex Process
RT Partition
RT Podbielniak Contactors
RT Purex Process
RT Redox Process
RT Reprocessing
RT Salting-Out Agents
RT Slurex Process
RT Solvent Properties
RT Sulfex Process
RT Synergism
RT Talspeak Process
RT Thermox Process
RT Thorex Process
RT Tramex Process
RT Zircex Process
RT Zirflex Process

SOLVENT PROPERTIES
DA January 1975
RT Dissolution
RT Solubility
RT Solvent Extraction
RT Solvents

SOLVENT-REFINED COAL
DA January 1975
BT1 Fuels
RT Coal
RT Coal Preparation Plants
RT SRC Process

Solvent-Refined Coal Process
DA January 1975
USE SRC Process

Solvent-Refining Coal Plants
DA May 1979
SEE Coal Preparation Plants
OR SRC Process

SOLVENTS [01]
SF *Chemicals*
NT1 Mixed Solvents
NT1 Nonaqueous Solvents
NT1 Organic Solvents
NT2 AMSCO
NT2 Carbitols
NT2 Cellosolves
NT2 Solvesso
NT2 Turpentine
RT Dissolution
RT Solubility
RT Solutions
RT Solvent Properties
RT Water

SOLVESSO [01]
BT1 Organic Solvents
BT2 Solvents
RT Aromatics

SOLVOLYSIS [01]
BT1 Decomposition
BT2 Chemical Reactions
NT1 Acetolysis
NT1 Ammonolysis
NT1 Hydrolysis
NT2 Acid Hydrolysis
NT2 Enzymatic Hydrolysis
NT2 Saponification

SOMALIA [01]
BT1 Africa

SOMATIC CELLS [01]
BT1 Animal Cells
NT1 Connective Tissue Cells
NT2 Bone Cells
NT2 Bone Marrow Cells
NT2 Fat Cells
NT2 Fibroblasts
NT2 Lymphocytes
NT2 Macrophages
NT2 Mast Cells
NT2 Plasma Cells
NT1 Crypt Cells
NT1 Nerve Cells
NT1 Phagocytes
NT2 Macrophages
NT1 Spleen Cells
NT1 Stem Cells
NT1 Thymocytes
NT1 Thymus Cells

SOMATIC MUTATIONS [01]
BT1 Mutations

SOMATOSTATIN
DA February 1979
UF *Growth Hormone-Release Inhibiting Factor*
UF *Somatotropin Release Inhibiting Factor*
RT Polypeptides
RT STH

Somatotropic Hormone
USE STH

Somatotropin Release Inhibiting Factor
DA February 1979
USE Somatostatin

SOMMERFELD CONSTANT [01]
UF *Sommerfeld Fine Structure Constant*
RT Fine Structure

Sommerfeld Fine Structure Constant
USE Sommerfeld Constant

SOMMERFELD INTEGRALS
DA October 1975
BT1 Integrals
RT Antennas

SOMMERFELD-WATSON THEORY [01]
UF *Watson Method*
RT Quantum Mechanics

SONAR
DA November 1976
UF *Sound Navigation and Ranging*
BT1 Range Finders
BT2 Measuring Instruments
RT Electrical Equipment
RT Electronic Equipment
RT Frequency Range
RT Sound Waves

Sondes
DA May 1978
USE Probes

SONIC LOGGING
DA June 1976
BT1 Well Logging
RT Acoustic Measurements
RT Acoustic Monitoring
RT Seismic Sources
RT Sonic Probes

Sonic Measurements
DA July 1976
USE Acoustic Measurements

SONIC PROBES [01]
DA October 1975
BT1 Probes
RT Acoustic Measurements
RT Ion Acoustic Waves
RT Plasma Diagnostics
RT Sonic Logging
DEF Probes using sonics for plasma diagnostics or for sonic logging.

SONIC SPARK CHAMBERS [01]
UF *Acoustic Spark Chambers*
BT1 Filmless Spark Chambers
BT2 Spark Chambers
BT3 Gas Track Detectors
BT4 Radiation Detectors
BT5 Measuring Instruments

SOOT
DA July 1976
RT Air Pollution
RT Carbon Compounds
RT Coal
RT Smokes

SORA REACTOR [01]
BT1 Fast Reactors

BT2 Epithermal Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
RT Neutron Sources

SORBENT RECOVERY SYSTEMS
DA January 1978
RT Adsorbents
RT Oil Spills
RT Sorption
RT Water Pollution Control

SORBIC ACID [01]
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

SORBITOL [01]
BT1 Monosaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
RT Sorbose

SORBOSE [01]
BT1 Hexoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
RT Sorbitol

SORGHUM [01]
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

SORPTION
DA August 1976
NT1 Adsorption
NT1 Chemisorption
RT Sorbent Recovery Systems
RT Sorptive Properties

SORPTIVE PROPERTIES
DA February 1975
UF *Adsorptive Properties*
BT1 Surface Properties
RT Adsorption
RT Sorption

SORTING
DA October 1975
RT Classification
RT Concentrators
RT Jigs
RT Particle Size Classifiers
RT Screens
RT Separation Processes

Sound
USE Sound Waves

Sound Navigation and Ranging
DA November 1976
USE Sonar

SOUND WAVES [01]
(See also FOURTH SOUND, SECOND SOUND, and THIRD SOUND.)
UF *Sound*
NT1 Ultrasonic Waves
RT Acoustic ESR
RT Acoustic Monitoring
RT Acoustic NMR
RT Acoustics
RT Magnetoacoustics
RT Seismic Sources
RT Signal Distortion
RT Sonar
RT Speech
RT Zero Sound

SOUR CRUDES
DA March 1976
BT1 Petroleum
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
RT Hydrogen Sulfides
RT Sulfur
DEF Crude oils containing an abnormally large amount of sulfur and sulfur compounds.

SOUTH AFRICA [01]
BT1 Africa
NT1 South West Africa
NT1 Transvaal

SOUTH AFRICAN ORGANIZATIONS
DA April 1976
BT1 National Organizations

SOUTH ALLIGATOR DEPOSIT [01]
DA August 1978
BT1 Geologic Deposits
RT Northern Territory
RT Uranium Ores

SOUTH AMERICA [01]
BT1 Latin America
NT1 Argentina
NT2 Mendoza
NT1 Bolivia
NT2 Chacaltaya
NT1 Brazil
NT1 British Guiana
NT1 Chile
NT1 Colombia
NT1 Ecuador
NT1 French Guiana
NT1 Paraguay
NT1 Peru
NT1 Surinam
NT1 Uruguay
NT1 Venezuela
RT OAS

SOUTH AUSTRALIA [01]
BT1 Australia
BT2 Australasia

SOUTH CAROLINA [01]
BT1 Southeast Region
BT1 USA
BT2 North America
RT Savannah River
RT Savannah River Plant

SOUTH DAKOTA [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
NT1 Table Mountain Area
RT Missouri River

South Korea
USE Republic of Korea

SOUTH TEXAS PROJECT-1 REACTOR [01]
DA May 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SOUTH TEXAS PROJECT-2 REACTOR [01]
DA May 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SOUTH VIETNAM [01]
UF *Vietnam - South*
BT1 Asia

SOUTH WEST AFRICA [01]
BT1 South Africa
BT2 Africa

SOUTHEAST REGION
DA July 1978
UF *Region IV*
NT1 Alabama
NT1 Florida
NT2 Cape Kennedy
NT1 Georgia
NT2 Atlanta
NT1 Kentucky
NT1 Mississippi
NT1 North Carolina
NT1 South Carolina
NT1 Tennessee
NT2 Chattanooga
NT2 Oak Ridge
RT Appalachia

SOUTHERN RHODESIA [01]
UF *Rhodesia (Southern)*
BT1 Africa

Southwest Experimental Fast Oxide Reactor
USE SEFOR Reactor

SOUTHWEST REGION
DA July 1978
UF *Region VI*
NT1 Arkansas
NT1 Louisiana
NT1 New Mexico
NT2 Jemez Mountains
NT2 Los Alamos
NT1 Oklahoma
NT1 Texas
RT Great Plains
RT Ozark Region

Soviet Breeder Reactor-1
USE SBR-1 Reactor

Soviet Breeder Reactor-2
USE SBR-2 Reactor

Soviet Breeder Reactor-5
USE SBR-5 Reactor

Soviet Research Reactor IRT
USE IRT Reactor

Soviet Research Reactor IRT-A
USE IRT-A Reactor

Soviet Research Reactor IRT-B
USE IRT-B Reactor

Soviet Research Reactor IRT-C
USE IRT-C Reactor

Soviet Research Reactor IRT-D
USE IRT-D Reactor

Soviet Research Reactor IRT-E
USE IRT-E Reactor

Soviet Research Reactor IRT-F
USE IRT-F Reactor

Soviet Union
USE USSR

Soy Oil
USE Soybean Oil

SOYBEAN OIL [01]
UF *Chinese Bean Oil*
UF *Soja Bean Oil*
UF *Soy Oil*
BT1 Oils

BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds

Soybean Plant
USE Glycine Hispida

SOYBEANS [01]
BT1 Vegetables
BT2 Food
RT Glycine Hispida

SP GROUPS [01]
UF *Symplectic Groups*
BT1 Lie Groups
BT2 Symmetry Groups

SP LOGGING
DA June 1976
UF *Self Potential Logging*
UF *Spontaneous Potential Logging*
BT1 Electric Logging
BT2 Well Logging
RT Resistivity Logging

SPACE [01]
NT1 Intergalactic Space
NT1 Interplanetary Space
NT1 Interstellar Space
NT1 Mathematical Space
NT2 Banach Space
NT3 Hilbert Space
NT2 Hausdorff Space
NT2 Minkowski Space
NT2 Phase Space
NT2 Riemann Space
NT3 Euclidean Space
RT Aerospace Industry
RT Space Flight
RT Space Vehicles

SPACE CHARGE [01]
RT Charge Distribution
RT Electric Charges
RT Electron Tubes

SPACE DEPENDENCE [01]
RT Mathematical Space
DEF The dependence of any quantity or variable on space coordinates.

SPACE FLIGHT [01]
RT Apollo Project
RT Cosmic Radiation
RT Mars Space Probes
RT *OGO* Satellites
RT Orbiting Solar Observatories
RT Radiation Protection
RT Reentry
RT Rockets
RT Satellites
RT Solar Flares
RT Space
RT Space Vehicles
RT Venera Space Probes

SPACE GROUPS [01]
UF *Groups (Space)*
RT Crystal Lattices
RT Group Theory

SPACE HEATERS
DA June 1977
BT1 Appliances
BT1 Heaters
RT Space Heating

SPACE HEATING [01]
DA February 1975
BT1 Heating
NT1 Auxiliary Heating
NT1 Geothermal Space Heating
NT1 Solar Space Heating
RT Air Source Heat Pumps
RT Airtightness
RT Annual Cycle Energy System
RT Baseboard Heating
RT Central Heating Plants
RT Degree Days
RT Electric Heating
RT Fireplaces
RT Heating Systems
RT Oil Furnaces
RT Radiant Cable Heating
RT Space Heaters
RT Water Source Heat Pumps
RT Wood Burning Furnaces

Space Lattices
USE Crystal Lattices

SPACE POWER REACTORS [01]
BT1 Mobile Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
*NT1 SNAP Reactors
*NT1 Space Propulsion Reactors
NT1 SPUR Reactor

Space Power Unit Reactor
DA February 1975
USE SPUR Reactor

SPACE PROPULSION REACTORS [01]
BT1 Propulsion Reactors
BT2 Reactors
BT1 Space Power Reactors
BT2 Mobile Reactors
BT3 Reactors
BT2 Power Reactors
BT3 Reactors
NT1 Kiwi-A-Prime Reactor
NT1 Kiwi-A Reactor
NT1 Kiwi-A3 Reactor
NT1 Kiwi-B1A Reactor
NT1 Kiwi-B2A Reactor
NT1 Kiwi-B4A Reactor
NT1 Kiwi-B1B Reactor
NT1 Kiwi-B4D Reactor
NT1 Kiwi-B4E Reactor
NT1 Kiwi-TNT Reactor
NT1 NERVA Reactor
NT1 NRX-A4-Est Reactor
NT1 NRX-A1 Reactor
NT1 NRX-A2 Reactor
NT1 NRX-A3 Reactor
NT1 NRX-A5 Reactor
NT1 NRX-A6 Reactor
NT1 NRX-A7 Reactor
NT1 Pewee-1 Reactor
NT1 Pewee-2 Reactor
NT1 Pewee-3 Reactor
NT1 Pewee-4 Reactor
NT1 Phoebus-1A Reactor
NT1 Phoebus-2A Reactor
NT1 Phoebus-1B Reactor
NT1 Rover Reactors
NT1 TWMR Reactor
NT1 XE-2 Reactor
RT Fissioning Plasma
RT Hydrogen Cooled Reactors

Space Reflection
USE P Invariance

SPACE-TIME [01]
NT1 Light Cone
RT Cosmology
RT Galilei Transformations
RT Lorentz Transformations
RT Mach Principle
RT Mathematical Space
RT Metrics
RT Relativity Theory
RT Twistor Theory

SPACE-TIME MODEL
DA March 1977
BT1 Cluster Emission Model
BT2 Multiperipheral Model
BT3 Peripheral Models
BT4 Particle Models
BT5 Mathematical Models
RT Hadron Reactions
DEF Particle-interaction model in which particles at the instant of creation are immature or bare and their maturity rate is enhanced in the presence of other hadronic matter, as in a nucleus.

SPACE VEHICLE COMPONENTS
DA August 1976
BT1 Space Vehicles

SPACE VEHICLES [01]
NT1 Luna Space Probes
NT1 Mariner Space Probes
NT1 Mars Space Probes
NT1 Pioneer Space Probes
NT1 Reentry Vehicles
NT1 Salyut Orbital Stations
NT1 Space Vehicle Components
NT1 Venera Space Probes
NT1 Viking Space Probes
NT1 Voyager Space Probes
RT Attitude Control
RT Electronic Guidance
RT Ionosondes
RT Launching
RT Navigational Instruments
RT Nose Cones
RT Reentry
RT Rockets
RT Satellites
RT Space
RT Space Flight
RT Thrusters

SPACECRAFT POWER SUPPLIES [01]
DA January 1975
BT1 Power Supplies
BT2 Electronic Equipment
RT Electric Power

SPACERS [01]
RT Fins
RT Fuel Element Clusters
RT Reactor Components

SPADNS [01]
UF *Sulfophenyl-Naphthalene-Sulfonic Acid*
BT1 Sulfones
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

SPAIN [01]
BT1 Europe
NT1 Canary Islands

SPALLATION [01]
BT1 Nuclear Reactions
RT Nuclear Fireball Model
RT Rudstam Formula
RT Spallation Fragments

SPALLATION FRAGMENTS [01]
DA December 1978
UF *Fragments (Spallation)*
UF *Spallation Products*
BT1 Nuclear Fragments
RT Spallation

Spallation Products
DA December 1978
USE Spallation Fragments

Spanish JEN-1 Research Reactor
USE JEN-1 Reactor

Spanish JEN-2 Research Reactor
USE JEN-2 Reactor

SPANISH ORGANIZATIONS [01]
DA June 1977
BT1 National Organizations

SPARGERS
DA January 1975

RT Sprays

SPARK CHAMBERS [01]
BT1 Gas Track Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
NT1 Filmless Spark Chambers
NT2 Sonic Spark Chambers
NT2 Wire Spark Chambers
NT1 Projection Spark Chambers
NT1 Streamer Spark Chambers
NT1 Wide Gap Spark Chambers
RT Digitizers
RT Spark Counters

SPARK COUNTERS [01]
UF *Rosenblum Counters*
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Corona Counters
RT Spark Chambers

SPARK DRILLS
DA July 1976
BT1 Drills
BT2 Drilling Equipment
BT3 Equipment
RT Drill Bits
RT Electric Sparks
RT Rock Drilling
RT Well Drilling

SPARK GAPS [01]
RT Breakdown
RT Electric Discharges
RT Electric Sparks
RT Paschen Law

SPARK IGNITION ENGINES
DA May 1975
BT1 Internal Combustion Engines
BT2 Engines
NT1 Wankel Engines
RT Automobiles
RT Carburetors
RT Combustion
RT Combustion Chambers
RT Fuel Injection Systems
RT Gasoline

SPARK MACHINING [01]
BT1 Machining

SPARK MASS SPECTROMETERS [01]
BT1 Mass Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

Sparks (Electric)
USE Electric Sparks

SPATIAL DEPENDENCE
DA August 1979
UF *Configuration Dependence*
UF *Geometric Sensitivity*
UF *Position Dependence*
RT Angular Distribution
RT Coordinates
RT Spatial Distribution

SPATIAL DISTRIBUTION [01]
BT1 Distribution
RT Spatial Dependence
RT Temperature Distribution

SPATIAL DOSE DISTRIBUTIONS [01]
UF *Distribution Factor (Rad Doses)*
UF+ *Absorbed Fraction (Internal Irradiation)*
UF+ *Effective Energy (Internal Irradiation)*
BT1 Radiation Dose Distributions
NT1 Depth Dose Distributions
RT Buildup
RT Integral Doses
RT Irradiation Procedures
RT Isodose Curves
RT Local Irradiation
RT Microdosimetry
RT Nonuniform Irradiation
RT Partial Body Irradiation

SPATIAL RESOLUTION [01]
BT1 Resolution

SPE
USE Protons

SPEAR [01]
(Stanford positron-electron asymmetric ring.)
BT1 Storage Rings

Special Power Excursion Reactor-1
USE SPERT-1 Reactor

Special Power Excursion Reactor-2
USE SPERT-2 Reactor

Special Power Excursion Reactor-3
USE SPERT-3 Reactor

Special Power Excursion Reactor-4
USE SPERT-4 Reactor

SPECIAL PRODUCTION REACTORS [01]
(For producing fissile materials such as URANIUM 233, CALIFORNIUM 252, THORIUM 232, etc; see also PLUTONIUM PRODUCTION REACTORS.)
BT1 Production Reactors
BT2 Reactors
NT1 K Reactor
NT1 P Reactor
NT1 R Reactor

Special Relativity Theory
USE Relativity Theory

SPECIES DIVERSITY
DA January 1978
RT Animals
RT Baseline Ecology
RT Ecology
RT Ecosystems
RT Plants
RT Populations

Specific Gravity
USE Density

SPECIFIC HEAT [01]
UF *Heat Capacity*
BT1 Thermodynamic Properties
BT2 Physical Properties
NT1 Electronic Specific Heat
NT1 Magnetic Specific Heat
NT1 Nuclear Specific Heat
RT Born-Von Karman Theory
RT Debye Temperature
RT Grueneisen Constant

Specific Volume
USE Density

Specific Weight
USE Density

SPECIFICATIONS [01]
UF *Technical Specifications*
RT CAMAC System
RT Design
RT Inspection
RT Patents
RT Quality Control
RT Reliability
RT Standardization
RT Standards

SPECIFICITY [01]
(The qualitative attribute of accurately distinguishing among different materials, properties, radiations, etc. as compared with the quantitative aspect of the threshold for detecting a given material, property, etc.; for which see SENSITIVITY.)
DA August 1976
RT Accuracy
RT Sensitivity

Specimen Holders
DA November 1975
USE Sample Holders

SPECTRA [01]
NT1 Absorption Spectra
NT1 Alpha Spectra
NT1 Beta Spectra
NT1 Deuteron Spectra
NT1 Electron Spectra
NT1 Emission Spectra
NT1 Energy Spectra
NT1 Gamma Spectra
NT1 Infrared Spectra
NT1 Mass Spectra
NT1 Microwave Spectra
NT1 Missing-Mass Spectra
NT1 Neutron Spectra
NT2 Watt Fission Spectrum
NT1 NMR Spectra
NT1 Proton Spectra
NT1 Raman Spectra
NT1 Ultraviolet Spectra
NT1 Visible Spectra
NT1 X-Ray Spectra
RT Balmer Lines
RT Eddington Theory
RT Fine Structure
RT Fraunhofer Lines
RT Hyperfine Structure
RT Line Broadening
RT Line Narrowing
RT Line Widths
RT Lyman Lines
RT Particle Multiplets
RT Paschen Lines
RT Raman Effect
RT Rydberg-Klein-Rees Method
RT Schumann-Runge Bands
RT Spectral Response
RT Spectral Shift

Spectra (Absorption)
USE Absorption Spectra

Spectra (Fission)
USE Fission Spectra

Spectra (Neutron)
USE Neutron Spectra

SPECTRA UNFOLDING [01]
BT1 Data Processing
BT2 Processing
RT Neutron Spectra

Spectral Broadening
USE Line Broadening

SPECTRAL DENSITY [01]
BT1 Spectral Functions
BT2 Functions
RT Energy Spectra

SPECTRAL FUNCTIONS [01]
BT1 Functions
NT1 Spectral Density
RT Dispersion Relations

SPECTRAL HARDENING [01]
UF *Hardening (Spectral)*
RT Neutron Spectra

Spectral Narrowing
DA June 1977
USE Line Narrowing

SPECTRAL REFLECTANCE
DA October 1978
BT1 Optical Properties
BT2 Physical Properties
RT Absorptivity
RT Reflectivity
RT Spectrally Selective Surfaces
DEF The radiant reflectance for a specified wavelenth of the incident radiant flux.

SPECTRAL RESPONSE
DA June 1977
RT Efficiency
RT Energy Dependence
RT Energy Spectra

RT Performance
RT Sensitivity
RT Spectra

SPECTRAL SHIFT [01]
UF *Isotope Shift*
UF *Isotopic Shift*
NT1 Lamb Shift
RT Chemical Shift
RT Doppler Effect
RT Einstein Effect
RT Knight Effect
RT Knight Shift
RT Spectra
RT Stark Effect
RT Zeeman Effect

SPECTRAL SHIFT CONTROL [01]
BT1 Configuration Control
DEF Type of moderator control in which the neutron spectrum is intentionally changed.

SPECTRALLY SELECTIVE SURFACES
DA November 1975
BT1 Surfaces
RT Black Chrome
RT Black Coatings
RT Solar Absorbers
RT Spectral Reflectance

Spectrochemistry
SEE Absorption Spectroscopy
OR Emission Spectroscopy

SPECTROMETERS [01]
BT1 Measuring Instruments
NT1 Alpha Spectrometers
NT1 Beta Spectrometers
NT1 Cosmic Ray Spectrometers
NT1 Electron Spectrometers
NT1 Electrostatic Spectrometers
NT1 EPR Spectrometers
NT1 Fission Fragment Spectrometers
NT1 Gamma Spectrometers
NT2 Compton Spectrometers
NT2 Moessbauer Spectrometers
NT2 Pair Spectrometers
NT1 Heavy Ion Spectrometers
NT1 Infrared Spectrometers
NT2 Photoacoustic Spectrometers
NT1 Magnetic Spectrometers
NT2 Flat Magnetic Spectrometers
NT2 Magnetic Lens Spectrometers
NT1 Mass Spectrometers
NT2 Dynamic Mass Spectrometers
NT3 Energy Balance Mass Spectrometers
NT2 Spark Mass Spectrometers
NT2 Static Mass Spectrometers
NT1 Missing-Mass Spectrometers
NT1 Multiparticle Spectrometers
NT1 Neutron Spectrometers
NT2 Bonner Sphere Spectrometers
NT1 NMR Spectrometers
NT1 Optical Spectrometers
NT1 Proton Spectrometers
NT1 Time-of-Flight Spectrometers
NT1 Ultraviolet Spectrometers
NT1 X-Ray Spectrometers
RT Coincidence Spectrometry
RT Interferometers
RT Monochromators
RT Pulse Analyzers
RT Radiation Detection
RT Radiation Detectors
RT Spectrophotometers
RT Spectroscopy

SPECTROPHOTOMETERS [01]
BT1 Measuring Instruments
RT Spectrometers
RT Spectrophotometry

SPECTROPHOTOMETRY [01]
RT Photometry
RT Spectrophotometers
RT Spectroscopy

SPECTROSCOPIC CURVE OF GROWTH [01]
DA August 1976
BT1 Optical Depth Curve
BT2 Diagrams
RT Absorption Spectra
RT Cosmic Gases
RT Line Broadening
RT Optical Properties
RT Oscillator Strengths

SPECTROSCOPIC FACTORS [01]
RT Nuclear Reactions
RT Scattering

SPECTROSCOPY [01]
NT1 Absorption Spectroscopy
NT1 Alpha Spectroscopy
NT1 Baryon Spectroscopy
NT1 Beta Spectroscopy
NT1 Electron Spectroscopy
NT2 Auger Electron Spectroscopy
NT2 Photoelectron Spectroscopy
NT1 Emission Spectroscopy
NT2 Fluorescence Spectroscopy
NT1 Gamma Spectroscopy
NT2 Radiometric Surveys
NT1 In-Beam Spectroscopy
NT1 Ion-Neutralization Spectroscopy
NT1 Ion Spectroscopy
NT2 Ion Cyclotron Resonance Spectroscopy
NT1 Laser Spectroscopy
NT1 Mass Spectroscopy
NT1 Meson Spectroscopy
NT1 Neutron Spectroscopy
NT1 Photoacoustic Spectroscopy
NT1 X-Ray Spectroscopy
NT2 Radiometric Surveys
RT Matrix Isolation
RT Photometry
RT Quantum Electronics
RT Radiation Detection
RT Spectrometers
RT Spectrophotometry

SPEECH
DA January 1975
RT Communications
RT Sound Waves

Speed Indicators
DA August 1975
USE Velocimeters

SPEED LIMIT
DA July 1977
RT Laws

SPEED REGULATORS [01]
BT1 Control Equipment
BT2 Equipment

SPENCER-FANO THEORY [01]
RT Neutron Slowing-Down Theory

SPENT FUEL CASKS
DA January 1975
BT1 Casks
BT2 Containers
RT Spent Fuel Elements

SPENT FUEL ELEMENTS [01]
BT1 Fuel Elements
BT2 Reactor Components
RT Burnup
RT Reprocessing
RT Spent Fuel Casks
RT Spent Fuels
RT WAK

SPENT FUEL STORAGE [01]
UF *Fuel Cooling Installations*
UF *Storage (Spent Fuel)*
NT1 Away-From-Reactor Storage
RT After-Heat
RT Fuel Cycle Centers
RT Fuel Pools
RT Fuel Racks

SPENT FUELS [01]
BT1 Nuclear Fuels
BT2 Energy Sources
BT2 Fuels
BT2 Reactor Materials
RT Fission Products
RT Fuel Reprocessing Plants
RT Radioactive Wastes
RT Reactors
RT Spent Fuel Elements
RT WAK

SPENT LIQUORS
DA August 1978
UF *Sulfite Waste Liquor*
BT1 Industrial Wastes
BT2 Wastes
BT1 Liquid Wastes
BT2 Wastes
RT Waste Disposal
RT Waste Product Utilization
DEF Liquid effluent from the digestion of wood during pulping; can be caustic, sulfite, or sulfate.

SPENT SEED
(Restricted to MHD seeds.)
DA April 1979
RT Coal-Fired MHD Generators
RT Plasma Seeding
RT Seed Recovery

SPENT SHALES
DA April 1975
UF *Retorted Shales*
BT1 Shales
BT2 Metamorphic Rocks
BT3 Rocks
RT Oil Shales
RT Portland Cement
RT Solid Wastes

Sperm
USE Spermatozoa

Spermatids
USE Spermatozoa

SPERMATOCYTES [01]
BT1 Germ Cells

SPERMATOGENESIS [01]
BT1 Gametogenesis
RT Reproduction
RT Spermatogonia
RT Spermatozoa
RT Stem Cells
RT Testes

SPERMATOGONIA [01]
DA April 1975
BT1 Gametes
BT2 Germ Cells
RT Spermatogenesis
RT Spermatozoa

SPERMATOZOA [01]
UF *Sperm*
UF *Spermatids*
BT1 Gametes
BT2 Germ Cells
RT Spermatogenesis
RT Spermatogonia

SPERMIDINE [01]
BT1 Amines
BT2 Organic Compounds

SPERMINE [01]
UF *Gerontine*
UF *Musculamine*
UF *Neuridine*
BT1 Amines
BT2 Organic Compounds

SPERT-1 REACTOR [01]
UF *Special Power Excursion Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SPERT-2 REACTOR [01]
UF *Special Power Excursion Reactor-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SPERT-3 REACTOR [01]
UF *Special Power Excursion Reactor-3*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SPERT-4 REACTOR [01]
UF *Special Power Excursion Reactor-4*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SPHALERITE
DA April 1975
BT1 Minerals
RT Iron Sulfides
RT Zinc Sulfides
DEF Zinc sulfide, ZnS, a cubic crystal.

SPHERATOR [01]
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

SPHERES [01]
RT Configuration
RT Geometry

Spheres (Fuel)
DA January 1975
USE Fuel Spheres

Spherical Aberrations
DA July 1979
USE Geometrical Aberrations

SPHERICAL CONFIGURATION [01]
BT1 Configuration

SPHERICAL HARMONICS [01]
RT Laplace Equation
RT Mathematics
RT Yvon Method

SPHERICAL HARMONICS METHOD [01]
NT1 P1-Approximation
NT1 P2-Approximation
NT1 P3-Approximation
RT Legendre Polynomials
RT Marshak Boundary Conditions
RT Neutron Transport Theory

SPHERICAL MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

SPHEROIDS [01]
DA October 1975
RT Configuration
RT Geometry

SPHINGOMYELINS [01]
BT1 Phospholipids
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

SPICES [01]
RT Capsicum
RT Flavor
RT Food

Spicules
USE Solar Prominences

SPIDERS [01]
BT1 Arachnids
BT2 Arthropods
BT3 Invertebrates
BT4 Animals

Spikes (Thermal)
USE Thermal Spikes

SPILLWAY
DA March 1978
RT Dams
RT Hydroelectric Power Plants

SPIN [01]
BT1 Angular Momentum
BT1 Particle Properties
RT Chirality
RT Heisenberg Model
RT Helicity
RT High Spin States
RT Joos-Weinberg Equation
RT Morrison Rule
RT Orbital Angular Momentum
RT Pauli Spin Operators
RT Quantum Numbers
RT Schmidt Lines
RT Schmidt Model
RT Sherman Tables
RT Spin Exchange
RT Spin Flip
RT Spin-Lattice Relaxation
RT Spin Orientation
RT Spin-Spin Relaxation
RT Spinors
RT Two-Component Neutrino Theory
RT Weil Equation

SPIN ECHO [01]
RT Nuclear Magnetic Resonance

SPIN EXCHANGE [01]
(Not for chemical reactions.)
RT Exchange Interactions
RT Spin

SPIN FLIP [01]
RT Inelastic Scattering
RT Nuclear Reaction Kinetics
RT Spin

SPIN GLASS STATE [01]
DA August 1977
RT Ferromagnetic Materials
RT Magnetism
DEF A magnetic state in alloys of ferromagnetic material and nonmagnetic material in which the magnetic atoms are frozen into random orientations.

SPIN-LATTICE RELAXATION [01]
BT1 Relaxation
RT Nuclear Magnetic Resonance
RT Spin

Spin-off
DA February 1975
USE Technology Transfer

Spin-Orbit Interaction
USE L-S Coupling

SPIN ORIENTATION [01]
(For the process and condition in quantum physics only; see also POLARIZATION.)
BT1 Orientation
RT Nuclear Alignment
RT Particle Properties
RT Polarization-Asymmetry Ratio
RT Polarized Beams
RT Polarized Targets
RT Spin
RT Stern-Gerlach Experiment

Spin-Spin Interaction
USE J-J Coupling

SPIN-SPIN RELAXATION [01]
BT1 Relaxation
RT Nuclear Magnetic Resonance
RT Spin

SPIN WAVES [01]
RT Magnons

SPINACH [01]
BT1 Vegetables
BT2 Food

SPINAL CORD [01]
BT1 Central Nervous System
BT2 Nervous System
RT Ganglions
RT Myelitis
RT Reflexes
RT Vertebrae

Spine
USE Vertebrae

SPINELS [01]
BT1 Aluminium Oxides
BT2 Aluminium Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Magnesium Oxides
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
RT Magnetite

SPINOR FIELDS [01]
DA May 1978
RT Quantum Field Theory

SPINORS [01]
RT Spin
RT Vectors

SPIRAL CONFIGURATION [01]
BT1 Configuration

Spiral Orbit Spectrometers
USE Flat Magnetic Spectrometers

SPIRAL READER DIGITIZERS [01]
BT1 Digitizers

SPIROCHAETES [01]
BT1 Bacteria
BT2 Microorganisms
RT Syphilis

Spitzer Self-Collision Time Theory
USE Spitzer Theory

SPITZER THEORY [01]
UF *Spitzer Self-Collision Time Theory*

UF *Spitzer Value*
RT Plasma
RT Transport Theory

Spitzer Value
USE Spitzer Theory

SPLAT COOLING [01]
BT1 Cooling
RT Quench Hardening

SPLEEN [01]
BT1 Organs
BT2 Body
RT Abdomen
RT Blood Circulation
RT Blood Formation
RT Lymphatic System
RT Macrophages
RT Peritoneum
RT Reticuloendothelial System
RT Spleen Cells
RT Spleen Colony Formation
RT Splenectomy
RT Splenomegaly

SPLEEN CELLS [01]
BT1 Somatic Cells
BT2 Animal Cells
RT Spleen

SPLEEN COLONY FORMATION [01]
BT1 Colony Formation
RT Blood Formation
RT CFU
RT Chimeras
RT Radiation Chimeras
RT Spleen

SPLENECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Lymphatic System
RT Spleen

SPLENOMEGALY [01]
BT1 Pathological Changes
BT2 Diseases
BT1 Symptoms
RT Hemic Diseases
RT Leukemia
RT Spleen

SPLINE FUNCTIONS [01]
DA October 1978
BT1 Functions
RT Interpolation
RT Mathematics
RT Polynomials
RT Series Expansion

Split Dose Irradiation
USE Fractionated Irradiation

SPLIT TABLE REACTOR [01]
UF *STR Reactor (Split Table)*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SPOIL BANKS
DA March 1976
RT Acid Mine Drainage
RT Dredge Spoil
RT Land Reclamation
RT Mineral Wastes
RT Solid Wastes
DEF Banks of disturbed earth, mine wastes, tailings, etc.

SPONDYLITIS [01]
UF *Ankylosing Spondylitis*
BT1 Skeletal Diseases
BT2 Diseases
RT Vertebrae

SPONTANEOUS COMBUSTION
DA August 1975
BT1 Combustion
BT2 Oxidation
BT3 Chemical Reactions
BT2 Thermochemical Processes
RT Explosions
RT Fire Hazards
RT Fire Prevention
RT Fires

SPONTANEOUS FISSION [01]
BT1 Decay
BT1 Fission
BT2 Nuclear Reactions
RT Fission Isomers
RT Oklo Phenomenon

SPONTANEOUS MUTATIONS [01]
DA May 1978
UF *Natural Mutations*
BT1 Mutations

Spontaneous Potential Logging
DA June 1976
USE SP Logging

SPORADIC E [01]
BT1 E Region
BT2 Ionosphere
BT3 Earth Atmosphere
BT3 Planetary Ionospheres

SPORES [01]
NT1 Bacterial Spores
NT1 Conidia
NT1 Microspores
RT Fungi
RT Reproduction

SPR-II Reactor
USE SPR-2 Reactor

SPR-2 REACTOR [01]
UF *Sandia Pulsed Reactor-II*
UF *SPR-II Reactor*
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SPR-3 REACTOR [01]
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

SPRAY COATING [01]
UF *Metal Spraying*
BT1 Surface Coating
BT2 Deposition
NT1 Flame Spraying
NT1 Plasma Arc Spraying
RT Sprayed Coatings

SPRAY COOLING [01]
DA November 1976
BT1 Cooling

SPRAY DRYING [01]
BT1 Drying
RT Evaporation

Spray Ponds
DA April 1975
USE Cooling Ponds
AND Sprays

Spray Systems (Containment)
USE Containment Spray Systems

SPRAYED COATINGS [01]
BT1 Coatings
RT Spray Coating

SPRAYS [01]
UF *Fog (Sprays)*
UF+ *Spray Ponds*
RT Atomization
RT Dispersions
RT Droplets
RT Spargers
RT Washout

SPREAD F [01]
BT1 F Region
BT2 Ionosphere
BT3 Earth Atmosphere
BT3 Planetary Ionospheres

SPRINGS [01]
(Mechanical springs only.)
BT1 Machine Parts
RT Mechanical Vibrations
RT Torsion

SPROUT INHIBITION [01]
RT Onions
RT Potatoes
RT Storage Life

SPROUTING [01]
RT Plant Growth
RT Plants
RT Vernalization

SPUR REACTOR
DA February 1975
UF *Space Power Unit Reactor*
BT1 Space Power Reactors
BT2 Mobile Reactors
BT3 Reactors
BT2 Power Reactors
BT3 Reactors
RT SNAP Reactors
DEF Space Power Unit Reactor, 300 KW.

SPURIONS [01]
BT1 Postulated Particles
BT2 Elementary Particles
BT1 Strange Particles
BT2 Elementary Particles
RT Selection Rules

SPUTTER-ION PUMPS [01]
DA June 1975
BT1 Vacuum Pumps
BT2 Laboratory Equipment
BT2 Pumps
RT Getters
RT Penning Discharges
RT Philips Gages
RT Sputtering
RT Ultrahigh Vacuum

SPUTTERING [01]
NT1 Cathode Sputtering
NT1 Neutron Sputtering
RT Arc Welding
RT Deposition
RT Ion Beams
RT Sputter-Ion Pumps
RT Vacuum Coating
RT Vapor Deposited Coatings

SQUALANE [01]
BT1 Alkanes
BT2 Hydrocarbons
BT3 Organic Compounds

SQUALENE [01]
BT1 Polyenes
BT2 Hydrocarbons
BT3 Organic Compounds
BT1 Terpenes
BT2 Organic Compounds

SQUARE CONFIGURATION [01]
BT1 Rectangular Configuration
BT2 Configuration

Square-Wave Generators
USE Function Generators

SQUARE-WELL POTENTIAL [01]
BT1 Nuclear Potential
BT2 Potentials

SQUARYLIUM DYES
DA May 1979
BT1 Dyes
RT Aromatics

RT Heterocyclic Compounds
RT Organic Nitrogen Compounds

SQUID DEVICES [01]
(Superconducting Quantum Interference Devices)
UF *Superconducting Quantum Interference Devices*
BT1 Fluxmeters
BT2 Measuring Instruments
BT1 Microwave Equipment
BT2 Electronic Equipment
BT1 Superconducting Devices
RT Interferometers
RT RF Systems
RT Superconductors

SQUIRRELS [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals
RT Chipmunks

SR-0F REACTOR
DA January 1975
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SR-OA REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

SR-OB Reactor
DA June 1975
USE Subcritical Assemblies

SR-3P REACTOR [01]
DA September 1975
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors

SR-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

SR-305 REACTOR [01]
UF *Savannah River Test Pile-305*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Production Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SRC-II PROCESS
DA August 1977
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
RT SRC Process
DEF Modified SRC process with higher field of liquid and gaseous products which are recovered by vacuum distillation.

SRC PROCESS
DA January 1975
SF *Solvent-Refining Coal Plants*
UF *Pittsburg-Midway Solvent Refined Coal Process*
UF *Solvent-Refined Coal Process*
RT Solvent-Refined Coal
RT SRC-II Process

SRE REACTOR [01]
UF *Sodium Reactor Experiment*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 SGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Sodium Cooled Reactors
BT3 Liquid Metal Cooled Reactors
BT4 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors

SRI LANKA [01]
UF *Ceylon*
BT1 Asia

SRRC-UTR-100 REACTOR [01]
UF *Scottish Research Reactor Center UTR-100 Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

ST LAWRENCE RIVER [01]
DA August 1976
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT New York
RT Ontario
RT Quebec

ST TOKAMAK [01]
UF *Tokamak Model ST*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

STABILITY [01]
NT1 Orbit Stability
NT1 Phase Stability
NT1 Slope Stability
RT Equilibrium
RT Instability
RT Stabilization
RT Thixotropy

Stability (Reactor)
USE Reactor Stability

STABILIZATION
DA January 1975
RT Inhibition
RT Stability

STABILIZED SUPERCONDUCTORS [01]
BT1 Superconductors

***STABLE ISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Isotopes
RT Carriers
RT Magic Nuclei
RT Translocation

STACK DISPOSAL [01]
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT Electrostatic Precipitators
RT Gaseous Wastes
RT Ground Release
RT Plumes
RT Pollution Control Equipment
RT Radioactive Effluents
RT Radioactive Waste Disposal
RT Release Limits
RT SF Nateko Process
RT Stacks

STACKING FAULTS [01]
BT1 Crystal Defects
BT2 Crystal Structure
RT Dislocations

STACKS [01]
RT Buildings
RT Draft Control Systems
RT Gaseous Wastes
RT Radioactive Clouds
RT Stack Disposal
RT Ventilation

STADE REACTOR [01]
UF *Kernkraftwerk Stade*
UF *KKS Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

STAGNATION [01]
RT Fluid Flow

STAGNATION POINT
DA September 1976
RT Flames
RT Fluid Mechanics
DEF Point in a field of flow about a body where the fluid particles have zero velocity with respect to the body.

STAINLESS STEEL-16-8-2
DA October 1975
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-18-8 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys

BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-18-10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-20-25 [01]
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-301 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-302 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-304 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-305 [01]
DA April 1976
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-308 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-309 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-310 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-316 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-317
DA September 1978
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-318 [01]
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-321 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys

BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STAINLESS STEEL-329 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-330
DA July 1977
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-347 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-348 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-403 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-405 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-406 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-410 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-416 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-422
DA November 1976
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-430 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-431 [01]
DA April 1977
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-440 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys

BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-446 [01]
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-AM-350 [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-19-9DL [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STAINLESS STEEL-FV-548 [01]
DA May 1979
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-304L [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-308L
DA October 1978
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-316L [01]
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-17-4PH [01]
DA February 1978
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-17-7PH [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-PH-15-7-MO [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-309S [01]
DA April 1975
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z3CMN18-8-6N [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nitrogen Additions
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z2CN18-10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys

BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z6CN18-10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z2CN18-10N [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nitrogen Additions
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z2CND17-12 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z3CND17-12 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z3CND18-13 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z6CND17-12 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-ZCND17-13 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STAINLESS STEEL-Z6CND17-13B [01]
DA May 1979
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STAINLESS STEEL-Z6CNDT17-13B [01]
DA May 1979
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys

BT5 Alloys

STAINLESS STEEL-Z6CNT18-10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STAINLESS STEEL-Z8CNT18-10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STAINLESS STEEL-Z6CNT18-12B [01]
DA May 1979
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STAINLESS STEELS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Corrosion Resistant Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
NT1 Durco
NT1 Stainless Steel-16-8-2
NT1 Stainless Steel-18-8
NT1 Stainless Steel-18-10
NT1 Stainless Steel-20-25
NT1 Stainless Steel-301
NT1 Stainless Steel-302
NT1 Stainless Steel-304
NT1 Stainless Steel-305
NT1 Stainless Steel-308
NT1 Stainless Steel-309
NT1 Stainless Steel-310
NT1 Stainless Steel-316
NT1 Stainless Steel-317
NT1 Stainless Steel-318
NT1 Stainless Steel-321
NT1 Stainless Steel-329
NT1 Stainless Steel-330
NT1 Stainless Steel-347
NT1 Stainless Steel-348
NT1 Stainless Steel-403
NT1 Stainless Steel-405
NT1 Stainless Steel-406
NT1 Stainless Steel-410
NT1 Stainless Steel-416
NT1 Stainless Steel-422
NT1 Stainless Steel-430
NT1 Stainless Steel-431
NT1 Stainless Steel-440
NT1 Stainless Steel-446
NT1 Stainless Steel-AM-350
NT1 Stainless Steel-19-9DL
NT1 Stainless Steel-Fv-548
NT1 Stainless Steel-304L
NT1 Stainless Steel-308L
NT1 Stainless Steel-316L
NT1 Stainless Steel-17-4PH
NT1 Stainless Steel-17-7Ph
NT1 Stainless Steel-Ph-15-7-Mo
NT1 Stainless Steel-309S
NT1 Stainless Steel-Z3cmn18-8-6N
NT1 Stainless Steel-Z2cn18-10
NT1 Stainless Steel-Z6cn18-10
NT1 Stainless Steel-Z2cn18-10N
NT1 Stainless Steel-Z2cnd17-12
NT1 Stainless Steel-Z3cnd17-12
NT1 Stainless Steel-Z3cnd18-13
NT1 Stainless Steel-Z6cnd17-12
NT1 Stainless Steel-Zcnd17-13
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cndt17-13B
NT1 Stainless Steel-Z6cnt18-10
NT1 Stainless Steel-Z8cnt18-10
NT1 Stainless Steel-Z6cnt18-12B
NT1 Steel-DIN-1-4449
NT1 Steel-DIN-1-4948
NT1 Steel-DIN-1-6770
NT1 Steel-Ehp678
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-000Kh25
NT1 Steel-000Kh28
NT1 Steel-2Kh13
NT1 Steel-9Kh18
NT1 Steel-Kh18
NT1 Steel-03Kh13ag13
NT1 Steel-0Kh18g8n2t
NT1 Steel-Kh14k9n6m5
NT1 Steel-000Kh18n13
NT1 Steel-000Kh20n20
NT1 Steel-7Kh18n9
NT1 Steel-Kh18n8
NT1 Steel-Kh18n9
NT1 Steel-18Kh16n6
NT1 Steel-Kh23n18
NT1 Steel-1Kh16n4b
NT1 Steel-Kh20n45b
NT1 Steel-40Kh13n8g8
NT1 Steel Kh16n9m2
NT1 Steel-Kh17n5m3
NT1 Steel-0Kh16n15m3b
NT1 Steel-1Kh16n15m3b
NT1 Steel-Kh16n15m3b
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh15n20m2t2
NT1 Steel-Kh17n13m2t
NT1 Steel-Kh17n13m3t
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-40Kh2n5sm
NT1 Steel-0Kh18n9t
NT1 Steel-0Kh18n10t
NT1 Steel-00Kh20n32t
NT1 Steel-0Kh22n5t
NT1 Steel-1Kh18n9t
NT1 Steel-1Kh18n10t
NT1 Steel-Kh18n9t
NT1 Steel-Kh18n10t
NT1 Steel-Kh18n12t
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-2Kh18n8v2
NT1 Steel-4Kh14nv2m
NT1 Steel-Kh18n22v2t2
NT1 Steel-Khn35vt
NT1 Steel-Kh14n8yum2
NT1 Steel-1Kh12v2mf
NT1 Steel-Kn15n9yu
NT1 Steel-Kn15n7yum2
NT1 Steel-N36khtyu
NT1 Steel-OOOKh20n16ag6
NT1 Steel-Vzh102
NT1 Steel-X6crni1811
NT1 Sweetalloy
NT1 Tenelon
NT1 Timken Alloys
RT Alloy-M-813
RT Chromium-Nickel Steels
RT Chromium Steels
RT Steel-1Kh18n9
RT Steel-Kh18n10

STAINS [01]
RT Banding Techniques
RT Cleaning
RT Dyes
RT Histological Techniques

STAMEN [01]
UF *Anthers*
UF *Stamen Hairs*
BT1 Flowers

Stamen Hairs
USE Stamen

Standard Man
USE Reference Man

STANDARD OF LIVING
DA October 1978
UF *Living Standards*
RT Economic Development
RT Income
RT Life Styles
RT Quality of Life
RT Standards

STANDARDIZATION [01]
DA June 1975
RT Quality Assurance
RT Quality Control
RT Specifications
RT Standards

STANDARDIZED TERMINOLOGY [01]
UF *Controlled Terminology*
UF *Thesauri*
UF *Vocabulary (Controlled)*
RT Information Retrieval
RT Information Systems
RT ISO

RT Machine Translations

STANDARDS
DA February 1975
UF+ *Automobile Efficiency Standards*
NT1 Calibration Standards
NT1 Safety Standards
NT2 Dose Limits
NT2 Maximum Acceptable Contamination
NT2 Maximum Inhalation Quantity
NT2 Maximum Permissible Activity
NT2 Maximum Permissible Body Burden
NT2 Maximum Permissible Concentration
NT2 Maximum Permissible Dose
NT2 Maximum Permissible Exposure
NT2 Maximum Permissible Intake
NT2 Maximum Permissible Level
RT Benchmarks
RT Certification
RT Compliance
RT Specifications
RT Standard of Living
RT Standardization

Standing Crop
DA January 1977
USE Biomass

STANDING WAVES [01]
UF *Waves (Standing)*
RT Electromagnetic Radiation
RT Mechanical Vibrations
RT Steady-State Conditions
RT Travelling Waves
RT Wave Propagation
RT Waveguides

STANFORD 1.2-GEV LINAC
BT1 Linear Accelerators
BT2 Accelerators
RT Stanford Linear Accelerator Center

STANFORD 20-GEV LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators
RT Stanford Linear Accelerator Center

STANFORD LINEAR ACCELERATOR CENTER [01]
DA December 1976
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Stanford 1.2-GeV Linac
RT Stanford 20-GeV Linac

STANFORD POOL REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

STANNATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Tin Compounds
NT1 Cadmium Stannates
RT Tin Oxides

STAPHYLOCOCCUS [01]
BT1 Bacteria
BT2 Microorganisms

STAPP THEORY [01]
UF *Stapp-Ypsilantis-Metropolis Theory*
RT Nucleons
RT Wave Propagation

Stapp-Ypsilantis-Metropolis Theory
USE Stapp Theory

STAR ACCRETION [01]
UF *Accretion (Stars)*
BT1 Star Evolution
RT Cosmic Dust
RT Cosmological Models
RT Interstellar Grains
RT Interstellar Space
RT Planet-System Accretion
RT Protostars
RT Stars

STAR BURNING [01]
(Astrophysical processes only.)
DA October 1978
UF *Stellar Burning*
NT1 Carbon Burning
NT1 CNO Cycle
NT1 Helium Burning

STAR CLUSTERS [01]
UF *Clusters (Star)*
RT Stars

STAR EVOLUTION [01]
NT1 R Process
NT1 S Process
NT1 Star Accretion
RT Carbon Burning
RT CNO Cycle
RT Cosmology
RT Galactic Evolution
RT Gravitational Collapse
RT Helium Burning
RT Hertzsprung-Russell Diagram
RT Origin
RT Solar System Evolution
RT Star Models
RT Stars

STAR MODELS [01]
(Mathematical models of stars.)
DA December 1975
UF *Models (Star)*
UF *Solar Models*
BT1 Mathematical Models
RT Carbon Burning
RT CNO Cycle
RT Star Evolution
RT Stars

STARCH [01]
UF *Amylum*
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
BT1 Reagents
RT Polyacetals

Starch Gum
USE Dextrin

STARFISH EVENT [01]
BT1 Atmospheric Explosions
BT2 Explosions
BT1 Dominic Project
BT1 Nuclear Explosions
BT2 Explosions

STARK EFFECT [01]
RT Electric Fields
RT Line Broadening
RT Magneto-Optical Effects
RT Spectral Shift

STARK REACTOR [01]
UF *SAR-2 Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

STARQUAKES
DA April 1976
RT Neutron Stars
RT Pulsars

STARS [01]
NT1 Binary Stars
NT1 Dwarf Stars
NT2 Black Dwarf Stars
NT2 Red Dwarf Stars
NT2 White Dwarf Stars
NT1 Giant Stars
NT2 Red Giant Stars
NT2 Supergiant Stars
NT1 Magnetic Stars
NT1 Main Sequence Stars
NT2 Carbon Stars
NT2 Sun
NT2 Wolf-Rayet Stars
NT1 Neutron Stars
NT1 Supermassive Stars
NT1 Variable Stars
NT2 Eruptive Variable Stars
NT3 Novae
NT3 Supernovae
NT3 T Tauri Stars
NT2 Pulsating Variable Stars
NT3 Cepheids
RT Astronomy
RT Black Holes
RT Carbon Burning
RT Chandrasekhar Theory
RT Nucleosynthesis
RT Planetary Nebulae
RT Proper Motion
RT Protostars
RT Quasars
RT R Process
RT S Process
RT Star Accretion
RT Star Clusters
RT Star Evolution
RT Star Models
RT Stellar Atmospheres
RT Stellar Flares
RT Stellar Winds
RT White Holes

START-UP
DA December 1976
NT1 Reactor Start-Up
RT Operation

Start-Up (Reactor)
USE Reactor Start-Up

Starvation
USE Fasting

State College Mississippi RRR Reactor
USE RRR Reactor

State Diagrams
USE Phase Diagrams

State Enterprises
DA July 1979
USE Public Enterprises

STATE GOVERNMENT
DA August 1977
RT Federal Assistance Programs
RT Government Policies
RT Legislation
RT Local Government

RT National Government
RT Regulations
RT Social Services

States (Energy)
USE Energy Levels

Static Electricity Eliminators
DA May 1976
USE Electrostatic Charge Eliminators

STATIC LOADS
DA August 1976
UF *Loads (Static)*
RT Mechanical Tests
RT Stresses

STATIC MASS SPECTROMETERS [01]
BT1 Mass Spectrometers
BT2 Spectrometers
BT3 Measuring Instruments

Static Reservoir Pressure
DA September 1978
USE Reservoir Pressure

Stationary Low Power Plant-1
USE SL-1 Reactor

Stationary Medium Power Plant-1
USE SM-1 Reactor

Stationary Medium Power Plant-1A
USE SM-1A Reactor

STATIONARY POLLUTANT SOURCES
(Used for general articles when sources are not named. See also specific stationary sources, e.g., Fossil-fuel Power Plants.)
DA March 1977
RT Air Pollution
RT Emission
RT Mobile Pollutant Sources

STATISTICAL MECHANICS [01]
BT1 Mechanics
RT BBGKY Equation
RT Boltzmann Equation
RT Boltzmann Statistics
RT Bose-Einstein Statistics
RT Ergodic Hypothesis
RT Fermi Statistics
RT Kinetic Equations
RT Kinetics
RT Kubo Formula
RT Liouville Theorem
RT Occupation Number
RT Parastatistics
RT Partition Functions

STATISTICAL MODELS [01]
UF *Models (Statistical)*
BT1 Mathematical Models
NT1 Feynman Gas Model
NT1 Thermodynamic Model
NT2 Hydrodynamic Model
RT Particle Models
RT Systems Analysis

STATISTICS [01]
BT1 Mathematics
NT1 Game Theory
NT1 Regression Analysis
RT Expectation Value
RT Fault Tree Analysis
RT Gauss Function
RT Maximum-Likelihood Fit
RT Probability
RT Random Phase Approximation
RT Stochastic Processes
RT Systems Analysis
RT Virial Theorem
RT Weighting Functions

STATOR-B DEVICE [01]
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

STATORS [01]
DA January 1975
RT Rotors

STAUFFER AQUACLAUS PROCESS
DA February 1975
RT Desulfurization
RT Waste Processing
DEF A simple and efficient absorption method capable of reducing sulfur dioxide levels in diverse waste gas streams to low limits. All sulfur compounds in the tail gases are incinerated to sulfur dioxide which is then absorbed in the AQUACLAUS solvent.

STEADY FLOW [01]
BT1 Fluid Flow
RT Steady-State Conditions

STEADY-STATE CONDITIONS [01]
(Reached when all the TRANSIENTS fade out.)
DA April 1975
RT Standing Waves
RT Steady Flow
RT Steady-State Fusion Reactors
RT Transients

STEADY-STATE D-T REACTORS [01]
BT1 D-T Reactors
BT2 Thermonuclear Reactors
BT1 Steady-State Fusion Reactors
BT2 Thermonuclear Reactors

STEADY-STATE FUSION REACTORS [01]
BT1 Thermonuclear Reactors
NT1 Steady-State D-T Reactors
RT Steady-State Conditions

STEAM [01]
UF *Steam Coolant*
NT1 Natural Steam
RT Bosch Process
RT Coolants
RT Flash Heating
RT Flashed Steam Systems
RT Flashing
RT Mollier Diagrams
RT Rankine Cycle Engines
RT Steam Generation
RT Steam Generators
RT Steam-Iron Process
RT Steam Lines
RT Steam Quality
RT Steam Systems
RT Superheating
RT Total Flow Systems
RT Water
RT Water Vapor

STEAM CONDENSERS [01]
UF *Condensers (Steam)*
BT1 Vapor Condensers
BT2 Condensers
NT1 Ice Condensers
NT1 Isolation Condensers
RT Film Condensation
RT Heat Exchangers
RT Heat Transfer
RT Reactor Cooling Systems
RT Steam Separators

Steam Coolant
USE Steam

STEAM COOLED REACTORS [01]
DA January 1975
BT1 Reactors

Steam Drive Process
DA June 1976
USE Fluid Injection Processes

Steam Generating Heavy Water Reactor
USE SGHWR Reactor

STEAM GENERATION
DA October 1975
NT1 Co-Generation
RT Refuse-Fueled Power Plants
RT Resource Recovery Facilities
RT Steam
RT Steam Generators

STEAM GENERATORS [01]
UF *Generators (Steam)*
BT1 Vapor Generators
BT2 Boilers
RT Boiling
RT Economizers
RT Feedwater
RT Heat Exchangers
RT Heat Transfer
RT Reactor Cooling Systems
RT Steam
RT Steam Generation
RT Superheaters

STEAM INJECTION
DA March 1976
BT1 Fluid Injection
RT Enhanced Recovery
RT Well Stimulation

STEAM-IRON PROCESS
DA January 1975
BT1 Chemical Reactions
RT Hydrogen Production
RT Iron
RT Steam
DEF Reactions in multiplicity of steel cylindrical retorts for hydrogen production.

STEAM JET EJECTORS [01]
BT1 Vapor Jet Ejectors
RT Reactor Cooling Systems

STEAM LINES [01]
DA January 1975
BT1 Steam Systems
RT Pipelines
RT Reactor Cooling Systems
RT Steam
RT Steam Traps

STEAM MUFFLERS
DA January 1975
RT Noise

STEAM QUALITY [01]
RT Steam
RT Thermodynamics

STEAM REFORMER PROCESSES
DA January 1975
BT1 Reformer Processes
BT2 Chemical Reactions
NT1 Segas Process
RT Gas Recycle Hydrogenation Process
RT Gasynthan Process
RT Hydrogen Production
DEF Natural gas and steam are fed in reformer furnace for hydrogen production.

STEAM SEPARATORS [01]
UF *Separators (Steam)*
BT1 Vapor Separators
RT Flashed Steam Systems
RT Reactor Cooling Systems
RT Steam Condensers

STEAM SOAK PROCESSES
DA April 1975
BT1 Fluid Injection Processes
RT Oil Sands

Steam Superheaters
USE Superheaters

STEAM SYSTEMS
DA January 1975
NT1 Steam Lines
RT Braun Standard Turbine Island
RT Reactor Cooling Systems
RT Steam
RT Steam Traps

STEAM TRAPS
DA April 1979

BT1 Traps
RT Steam Lines
RT Steam Systems
DEF A device which drains and removes condensate automatically from steam lines.

STEAM TURBINES [01]
BT1 Turbines
BT2 Turbomachinery
RT Flashed Steam Systems
RT Gas Turbines
RT Reactor Cooling Systems

STEAMBOAT SPRINGS
DA February 1975
BT1 Nevada
BT2 USA
BT3 North America
BT2 Western Region
DEF Undeveloped geothermal field under exploration.

STEARATES
DA November 1976
BT1 Carboxylic Acid Salts
RT Octadecanoic Acid

Stearic Acid
USE Octadecanoic Acid

STEEL-ASTM-A106 [01]
BT1 Carbon Steels
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-ASTM-A212 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A285
DA December 1978
UF *A 285 Steel*
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A302 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A350 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A387
DA March 1979
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A416
DA March 1979
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A508 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A516 [01]
DA February 1976
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A533 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A542 [01]
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A543 [01]
DA April 1975
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-ASTM-A533-B [01]
BT1 Carbon Steels
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-10CD9-10 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-15CD9-10 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-28CDV508 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-DIN-1-4449 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-DIN-1-4948 [01]
(Equivalent to STAINLESS STEEL-304.)
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
RT Austenite

STEEL-DIN-1-4970 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
RT Heat Resisting Alloys

STEEL-DIN-1-4981 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Tantalum Additions
BT2 Tantalum Alloys
BT3 Alloys

STEEL-DIN-1-4988 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys

BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
RT Heat Resisting Alloys

STEEL-DIN-1-6770 [01]
DA May 1979
UF *Steel-3Hk5s*
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
RT Ferrite

STEEL-EHP678 [01]
DA June 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-EHP679 [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Nitrogen Additions
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

Steel-3Hk5s
DA May 1979
USE Steel-DIN-1-6770

STEEL-IN-787
DA August 1976
BT1 Carbon Steels
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys

STEEL-40K14G18F [01]
DA June 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys

STEEL-000KH25 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-000KH28 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-2KH13 [01]
DA May 1979

BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-9KH18 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH12 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-KH13 [01]
DA May 1979
BT1 Cerium Additions
BT2 Cerium Alloys
BT3 Rare Earth Alloys
BT4 Alloys
BT2 Rare Earth Additions
BT3 Rare Earth Alloys
BT4 Alloys
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-KH18 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-20KH [01]
DA June 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-KH25 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys

STEEL-40KH [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-03KH13AG13 [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Nitrogen Additions
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-0KH18G8N2T [01]
DA June 1979
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-60KH3G8N8V [01]
DA June 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Tungsten Additions
BT2 Tungsten Alloys
BT3 Alloys

STEEL-15KHG2SFMR [01]
DA May 1979
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-42KH2GSNM [01]
DA May 1979
BT1 Cadmium Additions
BT2 Cadmium Alloys
BT3 Alloys
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys

BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-KH14K9N6M5 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH5M [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-12KHM [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys

STEEL-KH12M [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-5KH2MF [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-12KH1MF [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-15KH1M1F [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-20KHMF [01]
DA June 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Vanadium Alloys
BT2 Alloys

STEEL-15KH1M1FL [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-38KH5MSFA [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-12KH2MV8FB [01]
DA June 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-38KHMYUA [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys

BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-000KH18N13 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-000KH20N20 [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-1KH18N9 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
RT Stainless Steels

STEEL-7KH18N9 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-12KHN3 [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-KH18N8 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH18N9 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH18N10 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
RT Stainless Steels

STEEL-18KH16N6 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH23N18 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-40KHN [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-12KHN3A [01]
DA May 1979

BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-1KH16N4B [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH20N45B [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-12KH2NCH [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-40KH13N8G8 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-4KH12N8G8MFB [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Alloys
BT2 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL KH16N9M2 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH17N5M3 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-20KH2N2M [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys

STEEL-40KHNMA [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Copper Additions
BT2 Copper Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys

BT1 Nitrogen Additions
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-0KH16N15M3B [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-1KH16N15M3B [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KH16N15M3B [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-20KHN3MF [01]
DA May 1979
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-03KH11N10M2T [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys

STEEL-KH15N20M2T2 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys
RT Austenite

STEEL-KH17N13M2T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-KH17N13M3T [01]
DA May 1979
UF *Alloy-Ehi 183*
UF *Alloy-Ehi 397*
UF *Alloy-Ehi 432*
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels

BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-03KH11N10M2TK6 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys

STEEL-40KH2N5SM [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-0KH18N9T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-0KH18N10T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-0KH19NT [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-00KH20N32T [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
RT Austenite

STEEL-0KH21N5T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-0KH22N5T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-1KH18N9T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-1KH18N10T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys

BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-KH18N9T [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-KH18N10T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-KH18N12T [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-37KHN3T [01]
DA May 1979
BT1 Corrosion Resistant Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-1-KH18N20T3P [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys

STEEL-KH12N20T3P [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys

STEEL-2KH18N8V2 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STEEL-18KH2N4VA [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Additions
BT2 Tungsten Alloys
BT3 Alloys

STEEL-1KH16N14V2BR EHP17 [01]
DA May 1979
BT1 Boron Additions
BT2 Boron Alloys
BT3 Alloys
BT1 Cerium Additions
BT2 Cerium Alloys
BT3 Rare Earth Alloys
BT4 Alloys
BT2 Rare Earth Additions
BT3 Rare Earth Alloys
BT4 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys

BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Niobium Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STEEL-4KH14NV2M [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Tungsten Alloys
BT2 Alloys
RT Austenite

STEEL-KH18N22V2T2 [01]
DA May 1979
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STEEL-KHN35VT [01]
DA May 1979
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STEEL-3KH15N13YU3 [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys

STEEL-KH14N8YUM2 [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-9KHS [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-KH13S2YU2BT [01]
DA May 1979
BT1 Cerium Additions
BT2 Cerium Alloys
BT3 Rare Earth Alloys
BT4 Alloys
BT2 Rare Earth Additions
BT3 Rare Earth Alloys
BT4 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-12KH2V5FB [01]
DA May 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-1KH12V2MF [01]
DA May 1979
BT1 Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-2KH8V8M2K8 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-KN15N9YU [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys

BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-KN15N7YUM2 [01]
DA May 1979
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-20M5 [01]
DA June 1979
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-18MNV6 [01]
DA June 1979
BT1 Manganese Alloys
BT2 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-20N14 [01]
DA June 1979
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-22NIMOCR37 [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Nickel Steels
BT2 Nickel Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-30N9K4 [01]
DA June 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel Steels
BT2 Nickel Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys

STEEL-N26KHT1 [01]
DA May 1979
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Titanium Additions
BT2 Titanium Alloys
BT3 Alloys

STEEL-N36KHTYU [01]
DA May 1979
UF *Alloy-Ehi 702*
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys

STEEL-OOOKH20N16AG6 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Manganese Alloys
BT2 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-R18 [01]
DA June 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Additions
BT2 Molybdenum Alloys
BT3 Alloys
BT1 Nickel Additions
BT2 Nickel Alloys
BT3 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys

STEEL-SAE-1006 [01]
DA April 1977
BT1 Carbon Steels
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL-SAE-1045 [01]
DA June 1979
BT1 Carbon Steels
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

STEEL VNT
DA December 1978
UF *VNT Alloys*
BT1 Manganese Alloys
BT2 Alloys
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEEL-VZH102 [01]
DA May 1979
BT1 Aluminium Additions
BT2 Aluminium Alloys
BT3 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel-Chromium Steels

BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys
BT1 Zirconium Additions
BT2 Zirconium Alloys
BT3 Alloys

STEEL-X6CRNI1811 [01]
DA May 1979
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys
RT Austenite

STEEL-Z10CDNBV9 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Niobium Additions
BT2 Niobium Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEEL-Z10CDV7 [01]
DA May 1979
BT1 Chromium-Molybdenum Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Manganese Additions
BT2 Manganese Alloys
BT3 Alloys
BT1 Silicon Additions
BT2 Silicon Alloys
BT3 Alloys
BT1 Vanadium Additions
BT2 Vanadium Alloys
BT3 Alloys

STEELS [01]
BT1 Iron Base Alloys
BT2 Iron Alloys
BT3 Alloys
NT1 Austenitic Steels
NT1 Carbon Steels
NT2 Steel-ASTM-A106
NT2 Steel-ASTM-A533-B
NT2 Steel-08G2sfb
NT2 Steel-In-787
NT2 Steel-SAE-1006
NT2 Steel-SAE-1045
NT1 Chromium Steels
NT2 Chromium-Molybdenum Steels
NT3 Alloy-HT-9
NT3 Steel-10Cd9-10
NT3 Steel-15Cd9-10
NT3 Steel-28CdV508
NT3 Steel-DIN-1-6770
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-15Khg2sfmr
NT3 Steel-42Kh2gsnm
NT3 Steel-Kh14k9n6m5
NT3 Steel-12Khm
NT3 Steel-5Kh2mf
NT3 Steel-15Kh1m1f
NT3 Steel-15Kh1m1fl
NT3 Steel-38Kh5msfa
NT3 Steel-38Khmyua
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-40Khnma
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh15n20m2t2
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-2Kh8v8m2k8
NT3 Steel-Z10cdnbv9
NT3 Steel-Z10cdv7
NT2 Chromium-Nickel Steels
NT3 Alloy-CK-20
NT3 Carpenter
NT3 Durco
NT3 Enduro
NT3 Stainless Steel-18-8
NT3 Stainless Steel-18-10
NT3 Stainless Steel-301
NT3 Stainless Steel-302
NT3 Stainless Steel-304
NT3 Stainless Steel-305
NT3 Stainless Steel-308
NT3 Stainless Steel-309
NT3 Stainless Steel-310
NT3 Stainless Steel-316
NT3 Stainless Steel-321
NT3 Stainless Steel-329
NT3 Stainless Steel-347
NT3 Stainless Steel-348
NT3 Stainless Steel-AM-350
NT3 Stainless Steel-19-9DL
NT3 Stainless Steel-304L
NT3 Stainless Steel-17-7Ph
NT3 Stainless Steel-Ph-15-7-Mo
NT3 Stainless Steel-309S
NT3 Stainless Steel-Z3cmn18-8-6N
NT3 Stainless Steel-Z2cn18-10
NT3 Stainless Steel-Z6cn18-10
NT3 Stainless Steel-Z2cn18-10N
NT3 Stainless Steel-Z2cnd17-12
NT3 Stainless Steel-Z3cnd17-12
NT3 Stainless Steel-Z3cnd18-13
NT3 Stainless Steel-Z6cnd17-12
NT3 Stainless Steel-Zcnd17-13
NT3 Stainless Steel-Z6cnd17-13B
NT3 Stainless Steel-Z6cndt17-13B
NT3 Stainless Steel-Z6cnt18-10
NT3 Stainless Steel-Z8cnt18-10
NT3 Stainless Steel-Z6cnt18-12B
NT3 Steel-DIN-1-4449
NT3 Steel-DIN-1-4948
NT3 Steel-DIN-1-4970
NT3 Steel-DIN-1-4981
NT3 Steel-DIN-1-4988
NT3 Steel-Ehp678
NT3 Steel-Ehp679
NT3 Steel-Ehp699
NT3 Steel-42Kh2gsnm
NT3 Steel-Kh14k9n6m5
NT3 Steel-5Kh2mf
NT3 Steel-38Khmyua
NT3 Steel-000Kh18n13
NT3 Steel-1Kh18n9
NT3 Steel-7Kh18n9
NT3 Steel-Kh18n8
NT3 Steel-Kh18n9
NT3 Steel-Kh18n10
NT3 Steel-18Kh16n6
NT3 Steel-Kh23n18
NT3 Steel-1Kh16n4b
NT3 Steel-40Kh13n8g8
NT3 Steel-4Kh12n8g8mfb
NT3 Steel Kh16n9m2
NT3 Steel-Kh17n5m3
NT3 Steel-20Kh2n2m
NT3 Steel-0Kh16n15m3b
NT3 Steel-1Kh16n15m3b
NT3 Steel-Kh16n15m3b
NT3 Steel-03Kh11n10m2t
NT3 Steel-Kh17n13m2t
NT3 Steel-Kh17n13m3t
NT3 Steel-03Kh11n10m2tk6
NT3 Steel-0Kh18n9t
NT3 Steel-0Kh18n10t
NT3 Steel-0Kh19nt
NT3 Steel-0Kh21n5t
NT3 Steel-0Kh22n5t
NT3 Steel-1Kh18n9t
NT3 Steel-1Kh18n10t
NT3 Steel-Kh18n9t
NT3 Steel-Kh18n10t
NT3 Steel-Kh18n12t
NT3 Steel-2Kh18n8v2
NT3 Steel-1Kh16n14v2br Ehp17
NT3 Steel-4Kh14nv2m
NT3 Steel-3Kh15n13yu3
NT3 Steel-Kh14n8yum2
NT3 Steel-Kn15n9yu
NT3 Steel-Kn15n7yum2
NT3 Steel-OOOKh20n16ag6
NT3 Steel-X6crni1811
NT3 Timken Alloys
NT2 Crocar
NT2 Croloy
NT2 Magnet Steel-KS
NT2 Miduale
NT2 Stainless Steel-403
NT2 Stainless Steel-405
NT2 Stainless Steel-406
NT2 Stainless Steel-410
NT2 Stainless Steel-416
NT2 Stainless Steel-430
NT2 Stainless Steel-431
NT2 Stainless Steel-440
NT2 Stainless Steel-446
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh12
NT2 Steel-Kh13
NT2 Steel-Kh18
NT2 Steel-Kh25
NT2 Steel-40Kh
NT2 Steel-03Kh13ag13
NT2 Steel-Kh5m
NT2 Steel-Kh12m
NT2 Steel-12Kh1mf
NT2 Steel-40Khn
NT2 Steel-9Khs
NT2 Steel-1Kh12v2mf

NT1 Maraging Steels
NT1 Nickel Steels
NT2 Nickel-Chromium Steels
NT3 Alloy-M-813
NT3 Steel-000Kh20n20
NT3 Steel-12Khn3
NT3 Steel-12Khn3a
NT3 Steel-Kh20n45b
NT3 Steel-12Kh2nch
NT3 Steel-40Khnma
NT3 Steel-20Khn3mf
NT3 Steel-Kh15n20m2t2
NT3 Steel-40Kh2n5sm
NT3 Steel-00Kh20n32t
NT3 Steel-37Khn3t
NT3 Steel-1-Kh18n20t3p
NT3 Steel-Kh12n20t3p
NT3 Steel-18Kh2n4va
NT3 Steel-Kh18n22v2t2
NT3 Steel-Khn35vt
NT3 Steel-N26kht1
NT3 Steel-N36khtyu
NT3 Steel-Vzh102
NT3 Sweetalloy
NT2 Steel-22NiMoCr37
NT2 Steel-30N9k4
NT1 Stainless Steels
NT2 Durco
NT2 Stainless Steel-16-8-2
NT2 Stainless Steel-18-8
NT2 Stainless Steel-18-10
NT2 Stainless Steel-20-25
NT2 Stainless Steel-301
NT2 Stainless Steel-302
NT2 Stainless Steel-304
NT2 Stainless Steel-305
NT2 Stainless Steel-308
NT2 Stainless Steel-309
NT2 Stainless Steel-310
NT2 Stainless Steel-316
NT2 Stainless Steel-317
NT2 Stainless Steel-318
NT2 Stainless Steel-321
NT2 Stainless Steel-329
NT2 Stainless Steel-330
NT2 Stainless Steel-347
NT2 Stainless Steel-348
NT2 Stainless Steel-403
NT2 Stainless Steel-405
NT2 Stainless Steel-406
NT2 Stainless Steel-410
NT2 Stainless Steel-416
NT2 Stainless Steel-422
NT2 Stainless Steel-430
NT2 Stainless Steel-431
NT2 Stainless Steel-440
NT2 Stainless Steel-446
NT2 Stainless Steel-AM-350
NT2 Stainless Steel-19-9DL
NT2 Stainless Steel-Fv-548
NT2 Stainless Steel-304L
NT2 Stainless Steel-308L
NT2 Stainless Steel-316L
NT2 Stainless Steel-17-4PH
NT2 Stainless Steel-17-7Ph
NT2 Stainless Steel-Ph-15-7-Mo
NT2 Stainless Steel-309S
NT2 Stainless Steel-Z3cmn18-8-6N
NT2 Stainless Steel-Z2cn18-10
NT2 Stainless Steel-Z6cn18-10
NT2 Stainless Steel-Z2cn18-10N
NT2 Stainless Steel-Z2cnd17-12
NT2 Stainless Steel-Z3cnd17-12
NT2 Stainless Steel-Z3cnd18-13
NT2 Stainless Steel-Z6cnd17-12
NT2 Stainless Steel-Zcnd17-13
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cndt17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4449
NT2 Steel-DIN-1-4948
NT2 Steel-DIN-1-6770
NT2 Steel-Ehp678
NT2 Steel-Ehp679
NT2 Steel-Ehp699
NT2 Steel-000Kh25
NT2 Steel-000Kh28
NT2 Steel-2Kh13
NT2 Steel-9Kh18
NT2 Steel-Kh18
NT2 Steel-03Kh13ag13
NT2 Steel-0Kh18g8n2t
NT2 Steel-Kh14k9n6m5
NT2 Steel-000Kh18n13
NT2 Steel-000Kh20n20
NT2 Steel-7Kh18n9
NT2 Steel-Kh18n8
NT2 Steel-Kh18n9
NT2 Steel-18Kh16n6
NT2 Steel-Kh23n18
NT2 Steel-1Kh16n4b
NT2 Steel-Kh20n45b
NT2 Steel-40Kh13n8g8
NT2 Steel Kh16n9m2
NT2 Steel-Kh17n5m3
NT2 Steel-0Kh16n15m3b
NT2 Steel-1Kh16n15m3b
NT2 Steel-Kh16n15m3b
NT2 Steel-03Kh11n10m2t
NT2 Steel-Kh15n20m2t2
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-03Kh11n10m2tk6
NT2 Steel-40Kh2n5sm
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-00Kh20n32t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-1-Kh18n20t3p
NT2 Steel-Kh12n20t3p
NT2 Steel-2Kh18n8v2
NT2 Steel-4Kh14nv2m
NT2 Steel-Kh18n22v2t2
NT2 Steel-Khn35vt
NT2 Steel-Kh14n8yum2
NT2 Steel-1Kh12v2mf
NT2 Steel-Kn15n9yu
NT2 Steel-Kn15n7yum2
NT2 Steel-N36khtyu
NT2 Steel-OOOKh20n16ag6
NT2 Steel-Vzh102
NT2 Steel-X6crni1811
NT2 Sweetalloy
NT2 Tenelon
NT2 Timken Alloys
NT1 Steel-ASTM-A212
NT1 Steel-ASTM-A285
NT1 Steel-ASTM-A302
NT1 Steel-ASTM-A350
NT1 Steel-ASTM-A387
NT1 Steel-ASTM-A416
NT1 Steel-ASTM-A508
NT1 Steel-ASTM-A516
NT1 Steel-ASTM-A533
NT1 Steel-ASTM-A542
NT1 Steel-ASTM-A543
NT1 Steel-20Kh
NT1 Steel-60Kh3g8n8v
NT1 Steel-20Khmf
NT1 Steel-12Kh2mv8fb
NT1 Steel-Kh13s2yu2bt
NT1 Steel-12Kh2v5fb
NT1 Steel-20M5
NT1 Steel-18Mnv6
NT1 Steel-20N14
NT1 Steel-R18
NT1 Steel VNT
NT1 Steels-ASTM-A105
RT Bainite
RT Cementite
RT Ferrite
RT Martensite
RT Pearlite

STEELS-ASTM-A105 [01]
DA May 1979
BT1 Steels
BT2 Iron Base Alloys
BT3 Iron Alloys
BT4 Alloys

STEIN THEORY [01]
RT Capture
RT Resonance Neutrons

STEK REACTOR [01]
UF *Krito Critical Assembly*
UF *Petten Stek Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

STELLAR ATMOSPHERES [01]
(Excludes SOLAR ATMOSPHERE.)
BT1 Atmospheres
NT1 Stellar Magnetospheres
RT Solar Atmosphere
RT Stars

Stellar Burning
DA October 1978
USE Star Burning

STELLAR FLARES [01]
RT Solar Flares
RT Stars
RT Stellar Winds

STELLAR MAGNETOSPHERES [01]
BT1 Stellar Atmospheres
BT2 Atmospheres
RT Magnetic Stars

STELLAR RADIATION [01]
DA July 1975
NT1 Solar Particles
NT2 Solar Alpha Particles
NT2 Solar Electrons
NT2 Solar Neutrons
NT2 Solar Protons

STELLAR WINDS [01]
(Excludes SOLAR WIND.)
RT Stars
RT Stellar Flares

STELLARATOR MODEL C [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

STELLARATOR TYPE REACTORS
DA September 1976
BT1 Thermonuclear Reactors
RT Stellarators

STELLARATORS [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices
NT1 Clasp Device
NT1 Cleo Stellarator
NT1 Harmonica-2 Device
NT1 JIPP Stellarator
NT1 L-1 Stellarator
NT1 L-2 Stellarator
NT1 Proto-Cleo Stellarators
NT1 Pulsator Stellarator
NT1 Sirius Device
NT1 Stellarator Model C
NT1 TOR Devices
NT1 Torsatron
NT1 Torsatron Stellarator
NT2 Vint Torsatron
NT1 Uragan Stellarator
NT1 W Stellarators
NT1 Wega Stellarator
NT1 Wendelstein-2B Stellarator
NT1 Wendelstein-7 Stellarator
RT Banana Regime
RT Kruskal Limit
RT Stellarator Type Reactors

STELLITE [01]
BT1 Chromium Alloys

BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Tungsten Alloys
BT2 Alloys
NT1 Alloy-HS-21
NT1 Alloy-HS-25
NT1 Alloy-HS-31

STELLITE 6
DA October 1978
UF *Alloy-HS-6*
UF *Stoody*
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

STELLITE 156
DA October 1978
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

Stem (Plant)
USE Plant Stems

STEM CELLS [01]
BT1 Somatic Cells
BT2 Animal Cells
RT Blood Formation
RT Bone Marrow
RT CFU
RT Spermatogenesis

STEMMING MATERIALS
DA August 1979
BT1 Materials
RT Boreholes
RT Grouting

STERCOBILIN [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pigments
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Bile

STEREOCHEMISTRY [01]
RT Enantiomorphs
RT Isomers
RT Ligands
RT Molecular Structure
RT Optical Activity
RT Racemates
RT Racemization

STERILE INSECT RELEASE [01]
RT Agriculture
RT Insect Dispersal
RT Pest Control
RT Sterile Male Technique
RT Sterility
RT Sterilization

STERILE MALE TECHNIQUE [01]
RT Agriculture
RT Insect Dispersal
RT Insects
RT Mass Rearing
RT Parasites
RT Pest Control
RT Sterile Insect Release
RT Sterilization

STERILITY [01]
RT Fertility
RT Genetic Control
RT Reproductive Disorders
RT Sterile Insect Release

STERILIZATION [01]
NT1 Radiosterilization
RT Bacterial Spores
RT Chemosterilants
RT Disinfestation
RT Food
RT Grain Disinfestation
RT Inactivation
RT Irradiation
RT Isomed
RT Pasteurization
RT Preservation
RT Sterile Insect Release
RT Sterile Male Technique

STERLING EVENT [01]
BT1 Vela Project

STERLING-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

STERLING-2 REACTOR
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

STERN-GERLACH EXPERIMENT [01]
RT Beams
RT Measuring Methods
RT Spin Orientation

STERNHEIMER FORMULA [01]
RT Multipoles

STEROID HORMONES [01]
DA May 1975
BT1 Hormones
NT1 Adrenal Hormones
NT2 Adrenaline
NT2 Corticosteroids
NT3 Glucocorticoids
NT4 Corticosterone
NT4 Cortisone
NT4 Dexamethasone
NT4 Hydrocortisone
NT4 Prednisolone
NT4 Prednisone
NT3 Mineralocorticoids
NT4 Aldosterone
NT4 DOCA
NT2 Noradrenaline
NT1 Androgens
NT2 Androstenedione
NT2 Androsterone
NT2 Dianabol
NT2 Hydroxyandrostenone
NT2 Testosterone
NT1 Estrogens
NT2 Estradiol
NT2 Estriol
NT2 Estrone
NT1 Progesterone

STEROIDS [01]
BT1 Organic Compounds
NT1 Androstanes
NT2 Androgens
NT3 Androstenedione
NT3 Androsterone
NT3 Dianabol
NT3 Hydroxyandrostenone
NT3 Testosterone
NT1 Cardiotonics
NT2 Digitalis Glycosides
NT3 Digitoxin
NT3 Digoxin
NT2 Strophantin
NT3 Ouabain
NT1 Estranes
NT2 Estradiol
NT2 Estriol
NT2 Estrone
NT1 Pregnanes
NT2 Corticosteroids
NT3 Glucocorticoids
NT4 Corticosterone
NT4 Cortisone
NT4 Dexamethasone
NT4 Hydrocortisone
NT4 Prednisolone
NT4 Prednisone
NT3 Mineralocorticoids
NT4 Aldosterone
NT4 DOCA
NT2 Hydroxypregnenone
NT2 Progesterone
NT1 Sterols
NT2 Bile Acids
NT3 Cholic Acid
NT2 Cholesterol
NT2 Ergosterol
NT2 Lanolin
NT2 Sitosterol
RT Hormones
RT Urinary Ketosteroids

STEROLS [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Steroids
BT2 Organic Compounds
NT1 Bile Acids
NT2 Cholic Acid
NT1 Cholesterol
NT1 Ergosterol
NT1 Lanolin
NT1 Sitosterol

STF REACTOR [01]
DA November 1976
UF *Safety Test Facility Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

STH [01]
UF *Growth Hormone*
UF *Somatotropic Hormone*
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Acromegaly
RT Anabolism
RT Growth
RT HPL
RT Somatostatin

STILBAMIDINE [01]
BT1 Amidines
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

STILBENE [01]
UF *1,2-Diphenylethylene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Organic Crystal Phosphors
RT Stilbestrol

STILBESTROL [01]
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
RT Estrogens
RT Stilbene

STILTON-HUSHED ECHO EVENT
DA September 1975
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

STIMULATED EMISSION [01]
BT1 Emission
BT1 Energy-Level Transitions
RT Einstein Coefficients
RT Lasers
RT Masers
RT Nuclear Pumping
RT Optical Pumping

STIMULATION [01]
UF+ *Growth Stimulation*
RT Hormones
RT Stimuli

STIMULI [01]
RT Stimulation

STIR REACTOR [01]
UF *Shield Test Reactor*
UF *STR Reactor (Shield Test)*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

STIRLING CYCLE [01]
BT1 Thermodynamic Cycles
RT Stirling Engines
RT Thermodynamics

STIRLING ENGINES [01]
DA January 1975
BT1 Heat Engines
BT2 Engines
RT AAPS
RT Regeneration
RT Regenerators
RT Solar Heat Engines
RT Stirling Cycle
DEF Engines that operate on the Stirling thermodynamic cycle.

STIRRING [01]
RT Mixing
RT Turbulence

STISHOVITE
DA October 1977
BT1 Minerals
RT Silicon Oxides
DEF A mineral consisting essentially of SiO_2.

STOCHASTIC PROCESSES [01]
NT1 Markov Process
RT Gaussian Processes
RT Monte Carlo Method
RT Statistics

STOCKBARGER METHOD [01]
RT Crystal Growth

Stockholm R-1 Reactor
USE R-1 Reactor

STOCKPILES
DA February 1975
RT Reserves

Stocks
DA May 1979
USE Inventories

STOERMER THEORY [01]
RT Charged Particles
RT Magnetic Fields

STOICHIOMETRY
DA February 1975
RT Chemical Reactions
RT Chemistry

STOKERS
DA September 1976
BT1 Fuel Feeding Systems
BT2 Fuel Systems
RT Boilers
RT Burners
RT Coal
RT Furnaces
DEF A mechanical device used in a boiler or furnace for feeding coal, removing refuse, controlling air supply, and mixing with combustibles for efficient combustion.

STOKES LAW [01]
RT Viscous Flow

STOKES PARAMETERS [01]
RT Polarization

STOMACH [01]
UF+ *Rumen*
BT1 Gastrointestinal Tract
BT2 Digestive System
BT1 Organs
BT2 Body
RT Gastrectomy
RT Gastric Acid
RT Gastrin
RT Intrinsic Factor
RT Pepsin
RT Vomiting

STOMATA
DA January 1976
BT1 Openings
RT Animals
RT Plants

Stone and Webster Coal Solution Gasification Process
DA August 1976
USE Stone and Webster Gasification Process

STONE AND WEBSTER GASIFICATION PROCESS
DA August 1976
UF *Stone and Webster Coal Solution Gasification Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Hydrogenation
DEF Process for production of low-sulfur fuels from coal by stepwise addition of hydrogen to coal. Enough hydrogen is added in the first step to convert coal to liquids, which are then hydrogasified to methane, ethane, and aromatic liquid products.

STONE AND WEBSTER IONICS PROCESS
DA January 1975
RT Desulfurization
DEF Desulfurization process using aqueous caustic soda solution to absorb SO_2; solution is regenerated in electrolytic cells.

STONE METEORITES [01]
BT1 Meteorites
NT1 Achondrites
NT1 Chondrites
RT Rocks

Stoody
DA December 1978
USE Stellite 6

Stopping
USE Absorption

STOPPING POWER [01]
UF *Stopping Power (Total Atomic)*
UF *Stopping Power (Total Linear)*
UF *Stopping Power (Total Mass)*
RT Absorption
RT Atomic Number
RT Density
RT Energy Losses
RT Range

Stopping Power (Total Atomic)
USE Stopping Power

Stopping Power (Total Linear)
USE Stopping Power

Stopping Power (Total Mass)
USE Stopping Power

Stoppings
DA April 1978
USE Ventilation Barriers

STORAGE [01]
NT1 Energy Storage
NT2 Annual Energy Storage
NT2 Compressed Air Energy Storage
NT2 Flywheel Energy Storage
NT2 Heat Storage
NT3 Latent Heat Storage
NT3 Sensible Heat Storage
NT4 Drum Walls
NT3 Thermochemical Heat Storage
NT2 Magnetic Energy Storage
NT2 Off-Peak Energy Storage
NT2 Pumped Storage
NT1 Hydrogen Storage
NT1 Underground Storage
NT1 Waste Storage
NT2 Radioactive Waste Storage
RT Inventories
RT Transport
RT Water Reservoirs

Storage (Spent Fuel)
USE Spent Fuel Storage

Storage (Wastes)
USE Waste Storage

Storage Batteries
DA May 1976
USE Electric Batteries

Storage Batteries (Lead-Acid)
DA May 1976
USE Lead-Acid Batteries

Storage Devices (Data)
USE Memory Devices

STORAGE FACILITIES
DA January 1977
RT Energy Facilities
RT Natural Gas
RT Petroleum
RT Terminal Facilities

STORAGE LIFE [01]
UF *Market Life*

RT Food Processing
RT Lifetime
RT Radiopreservation
RT Sprout Inhibition

STORAGE RINGS [01]
UF *Rings (Storage)*
NT1 ACO
NT1 ADONE
NT1 CERN Cesar
NT1 CERN ISR
NT1 CESR Storage Ring
NT1 DCI Orsay Storage Ring
NT1 DORIS Storage Ring
NT1 ESCAR
NT1 Isabelle Storage Rings
NT1 LEP Storage Rings
NT1 NAP-M Storage Ring
NT1 PAMPUS Storage Ring
NT1 PEP Storage Rings
NT2 EPIC Storage Ring
NT1 PETRA Storage Ring
NT1 POPAE
NT1 Precetron Storage Ring
NT1 Spear
NT1 VEP-1
NT1 VEPP-2
NT1 VEPP-3
NT1 VEPP-4
RT Accelerators

Storage Tubes
USE Electron Tubes
AND Image Storage Tubes

STORED ENERGY [01]
BT1 Energy
BT1 Thermodynamic Properties
BT2 Physical Properties
RT Tank Circuits

STORM DOORS
DA June 1977
BT1 Doors
RT Thermal Insulation
RT Weatherization

STORM WINDOWS
DA June 1977
BT1 Windows
BT2 Openings
RT Thermal Insulation
RT Weatherization

STORMS
DA November 1975
BT1 Disasters
NT1 Hurricanes
NT1 Tornadoes
RT Atmospheric Precipitations
RT Cloud Cover
RT Clouds
RT Meteorology
RT Rain
RT Runoff
RT Snow
RT Water Waves
RT Wave Forces
RT Weather

Stover
(Also use the specific descriptor indicating type of plant.)
DA April 1979
USE Agricultural Wastes

STOVES
DA August 1976
BT1 Appliances
RT Wood Burning Appliances

STOWING
DA June 1979
UF *Packing*
RT Backfilling
RT Strata Control
RT Underground Mining

STR Reactor (Shield Test)
USE STIR Reactor

STR Reactor (Split Table)
USE Split Table Reactor

STRAIGHT-LINE PATH APPROXIMATION
DA October 1975
RT Eikonal Approximation
DEF A method based on the assumption that the momentum transfers are small in elastic and inelastic interactions of particles at asymptotically high energies.

STRAIN AGING [01]
BT1 Aging
RT Cold Working

STRAIN GAGES [01]
UF *Gages (Strain)*
BT1 Measuring Instruments
RT Extensometers
RT Mechanical Tests
RT Strains
RT Tensiometers

STRAIN HARDENING [01]
UF *Shock Wave Hardening*
UF *Work Hardening*
BT1 Hardening
RT Cold Working
RT Strains

STRAIN RATE
DA January 1976
RT Strains
RT Tensile Properties

STRAIN SOFTENING [01]
DA January 1975
UF *Work Softening*
RT Strains
DEF A softening of a metal exhibited during deformation. It can occur at either high or low temperatures, depending upon the metal.

STRAINS [01]
RT Deformation
RT Elasticity
RT Poisson Ratio
RT Strain Gages
RT Strain Hardening
RT Strain Rate
RT Strain Softening
RT Stresses
RT Tensile Properties

Strait Event
DA June 1977
USE Anvil Project

STRAND BREAKS [01]
RT Biological Radiation Effects
RT Chemical Radiation Effects
RT Decomposition
RT DNA
RT Molecular Biology
RT Radiation Effects
RT RNA

STRANGE PARTICLES [01]
BT1 Elementary Particles
NT1 Hyperons
NT2 Antihyperons
NT3 Antilambda Particles
NT3 Antiomega Particles
NT3 Antisigma Particles
NT3 Antixi Particles
NT2 Lambda Particles
NT2 Omega Particles
NT3 Omega Minus
NT2 Sigma Particles
NT3 Sigma Minus
NT3 Sigma Neutral
NT3 Sigma Plus
NT2 Xi Particles
NT3 Xi Minus
NT3 Xi Neutral
NT1 Kaons
NT2 Antikaons
NT3 Antikaons Neutral
NT2 Cosmic Kaons
NT2 Kaons Minus
NT2 Kaons Neutral
NT3 Antikaons Neutral
NT3 Kaons Neutral Long-Lived
NT3 Kaons Neutral Short-Lived
NT2 Kaons Plus
NT1 K*Resonances
NT2 K-892 Resonances
NT2 K-1240 Resonances
NT2 K-1320 Resonances
NT2 K-1420 Resonances
NT2 K-1775 Resonances
NT2 K-1871 Resonances
NT2 L-1770 Resonances
NT1 Spurions
RT Strangeness

STRANGENESS [01]
BT1 Particle Properties
RT Gauge Invariance
RT Gell-Mann Theory
RT Strange Particles
RT Strangeness Analog Resonances

STRANGENESS ANALOG RESONANCES [01]
DA May 1975
UF *Analog Resonances (Strangeness)*
RT Energy Levels
RT Nuclear Reactions
RT Strangeness

STRANGENESS-EXCHANGE REACTIONS
DA April 1979
BT1 Nuclear Reactions
DEF Nuclear reactions in which strangeness of reactants is altered.

STRASBOURG-CRONENBOURG REACTOR [01]
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

STRATA CONTROL
DA May 1978
UF *Ground Control*
RT Caving
RT Rock Mechanics
RT Roof Bolts
RT Slope Stability
RT Stowing
RT Strata Movement

STRATA MOVEMENT
DA May 1978
RT Caving
RT Ground Motion
RT Ground Uplift
RT Rock Mechanics
RT Strata Control
RT Underground Mining

STRATEGIC PETROLEUM RESERVE
DA October 1977
BT1 Reserves
BT2 Resources
RT Energy Supplies
RT Petroleum
RT Underground Storage

STRATEGIC POINTS [01]
RT Material Balance Area
RT Safeguards
DEF Points in the fuel cycle at which measurement of the flow of nuclear material would be useful for safeguards purposes.

STRATIFICATION [01]
NT1 Geologic Strata
RT Layers
RT Stratified Charge Engines

STRATIFIED CHARGE ENGINES
DA June 1975
BT1 Internal Combustion Engines
BT2 Engines
RT Automobiles
RT Automotive Fuels
RT Combustion
RT Fuel Injection Systems
RT Stratification

STRATIGRAPHY [01]
BT1 Geology
RT Geologic Structures
RT Layers
DEF That branch of geology which treats of the formation, composition, sequence, and correlation of the stratified rocks as parts of the Earths crust.

STRATOSPHERE [01]
UF *High Altitude (Stratosphere)*
BT1 Earth Atmosphere
RT Global Fallout
RT Magnetic Rigidity
RT Ozone Layer
RT Supersonic Transport
RT Tropopause

STRAW
DA December 1978
RT Agricultural Wastes
RT Plant Stems

STRAWBERRIES [01]
BT1 Fruits
BT2 Food

STRAY RADIATION [01]
RT Radiations
RT Scattering
RT Shielding

STREAK PHOTOGRAPHY [01]
BT1 Photography

STREAMER SPARK CHAMBERS [01]
BT1 Spark Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

Streaming (Radiation)
USE Radiation Streaming

STREAMS
DA April 1976
UF *Creeks*
BT1 Surface Waters
NT1 Rivers
NT2 Allegheny River
NT2 Amazon River
NT2 Arkansas River
NT2 Blind River
NT2 Brazos River
NT2 Cape Fear River
NT2 Chattahoochee River
NT2 Clinch River
NT2 Colorado River
NT2 Columbia River
NT2 Connecticut River
NT2 Crystal River
NT2 Cumberland River
NT2 Danube River
NT2 Delaware River
NT2 Detroit River
NT2 Fraser River
NT2 Ganga River
NT2 Gunnison River
NT2 Hudson River
NT2 James River
NT2 Mississippi River
NT2 Missouri River
NT2 Mohawk River
NT2 Nelson River
NT2 Niger River
NT2 Nile River
NT2 North Platte River
NT2 Ohio River
NT2 Ottawa River
NT2 Peace River
NT2 Piceance Creek
NT2 Po River
NT2 Potomac River
NT2 Rhine River
NT2 Rhone River
NT2 Saint Clair River
NT2 Saint John River
NT2 Santee River
NT2 Savannah River
NT2 Scioto River
NT2 Severn River
NT2 St Lawrence River
NT2 Susquehanna River
NT2 Tennessee River
NT2 Thames River
NT2 Volga River
NT2 White River
NT2 Yellow Creek
NT2 Yukon River
RT Watersheds
DEF Bodies of flowing water, great or small, contained within channels.

Streets
DA January 1975
USE Roads

STRELKINITE [01]
DA December 1975
BT1 Hydrates
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Vanadates
BT2 Uranium Compounds
BT3 Actinide Compounds
BT2 Vanadates
BT3 Oxygen Compounds
BT3 Vanadium Compounds
BT4 Transition Element Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Strength (Compression)
USE Compression Strength

Strength (Flexural)
USE Flexural Strength

Strength (Fracture)
USE Fracture Properties

Strength (Impact)
USE Impact Strength

Strength (Shear)
USE Shear Properties

Strength (Tensile)
USE Tensile Properties

Strength (Yield)
USE Yield Strength

STRENGTH FUNCTIONS [01]
BT1 Functions
RT Energy Levels
RT Oscillator Strengths

STREPTOCOCCUS [01]
BT1 Bacteria
BT2 Microorganisms
RT Streptokinase

STREPTOKINASE [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Fibrinolysis
RT Streptococcus
RT Thrombosis

STREPTOMYCES [01]
BT1 Bacteria
BT2 Microorganisms
RT Streptomycin

STREPTOMYCIN [01]
BT1 Antibiotics
BT2 Drugs
RT Streptomyces
RT Tuberculosis

Streptozotocin
DA June 1975
USE Antibiotics
AND Nitroso Compounds
AND Saccharides

Streptozotocin 7
DA April 1975
USE Antibiotics
AND Nitroso Compounds
AND Saccharides

Stress (Biological)
USE Biological Stress

STRESS ANALYSIS [01]
RT Photoelasticity
RT Stress Intensity Factors
RT Stresses

STRESS CORROSION [01]
BT1 Corrosion
BT2 Chemical Reactions

STRESS INTENSITY FACTORS [01]
DA October 1978
RT Cracks
RT Defects
RT Fracture Properties
RT Fractures
RT Mechanical Tests
RT Stress Analysis

STRESS RELAXATION [01]
UF *Relaxation (Stress)*
UF *Relieving (Stress)*
UF *Stress Relieving*
RT Annealing
RT Creep
RT Heat Treatments
RT Stresses

Stress Relieving
USE Stress Relaxation

STRESSES [01]
(Mechanics.)
NT1 Flow Stress
NT1 Residual Stresses
NT1 Thermal Stresses
RT Dynamic Loads
RT Materials Testing
RT Mechanical Properties
RT Mechanical Tests
RT S-N Diagram
RT Shear
RT Static Loads
RT Strains
RT Stress Analysis
RT Stress Relaxation
RT Tensile Properties
RT Thermoelasticity

Stretch Model
USE Aligned Coupling Scheme

STRETFORD PROCESS
DA January 1975
RT Desulfurization
DEF Process for sweetening natural and industrial gases by complete removal of H_2S and partial removal of organic S compounds; gas is washed with aqueous solution containing sodium carbonate, sodium vanadate, anthraquinonedisulfonic acid.

STRIATIONS [01]
RT Electric Discharges

STRING MODELS [01]
(Treating the interactions of extended particles through breaking and connection of strings.)
BT1 Extended Particle Model
BT2 Particle Models
BT3 Mathematical Models
BT1 Quark Model
BT2 Composite Models
BT3 Particle Models
BT4 Mathematical Models
RT Particle Interactions
RT Particle Structure

STRIPED BASS
DA January 1978
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

Stripper Foils
USE Beam Strippers

Strippers
USE Beam Strippers

STRIPPING [01]
(For nuclear reactions only; for electron stripping use ELECTRON LOSS.)
BT1 Transfer Reactions
BT2 Direct Reactions
BT3 Nuclear Reactions
RT Butler Theory
RT Oppenheimer-Phillips Process
RT Serber Theory

STRONG-ABSORPTION MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

STRONG-COUPLING MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
RT Coupling
RT Strong Interactions
RT Weak-Coupling Model

STRONG INTERACTIONS [01]
BT1 Basic Interactions
BT2 Interactions
NT1 Charge-Exchange Interactions
NT1 Peripheral Collisions
RT Charge Independence
RT Chew-Low Method
RT CIM Model
RT Hadron-Hadron Interactions
RT Hadronic Particle Decay
RT Rescattering
RT Strong-Coupling Model

STRONGLY IONIZED GASES [01]
(Ionization factor above 10(-4).)
BT1 Ionized Gases
BT2 Gases
BT3 Fluids

STRONTIUM [01]
BT1 Alkaline Earth Metals
BT2 Metals
BT3 Elements

STRONTIUM 77 [01]
DA December 1976
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 78 [01]
DA January 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 79 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 80 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 81 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 82 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 83 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 84 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 85 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 86 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 87 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 88 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 89 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 90 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Radioisotope Generators

STRONTIUM 91 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 92 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 93 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 94 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 98 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 99 [01]
DA March 1976
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM 100 [01]
DA May 1979
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Strontium Isotopes
BT2 Alkaline Earth Isotopes
BT3 Isotopes

STRONTIUM ADDITIONS [01]
BT1 Strontium Alloys
BT2 Alloys

STRONTIUM ALLOYS [01]
BT1 Alloys
NT1 Strontium Additions
NT1 Strontium Base Alloys

STRONTIUM BASE ALLOYS [01]
BT1 Strontium Alloys
BT2 Alloys

STRONTIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM COMPLEXES [01]
BT1 Alkaline Earth Metal Complexes
BT2 Complexes

STRONTIUM COMPOUNDS [01]
BT1 Alkaline Earth Metal Compounds
NT1 Strontium Borides
NT1 Strontium Bromides
NT1 Strontium Carbides
NT1 Strontium Carbonates
NT1 Strontium Chlorides
NT1 Strontium Fluorides
NT1 Strontium Hydrides
NT1 Strontium Hydroxides
NT1 Strontium Iodides
NT1 Strontium Nitrates
NT1 Strontium Oxides
NT1 Strontium Perchlorates
NT1 Strontium Phosphates
NT1 Strontium Silicates
NT1 Strontium Sulfates
NT1 Strontium Sulfides
NT1 Strontium Titanates
NT1 Strontium Tungstates
NT1 Strontium Uranates

STRONTIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM IODIDES [01]
BT1 Iodides

BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

STRONTIUM ISOTOPES [01]
BT1 Alkaline Earth Isotopes
BT2 Isotopes
NT1 Strontium 77
NT1 Strontium 78
NT1 Strontium 79
NT1 Strontium 80
NT1 Strontium 81
NT1 Strontium 82
NT1 Strontium 83
NT1 Strontium 84
NT1 Strontium 85
NT1 Strontium 86
NT1 Strontium 87
NT1 Strontium 88
NT1 Strontium 89
NT1 Strontium 90
NT1 Strontium 91
NT1 Strontium 92
NT1 Strontium 93
NT1 Strontium 94
NT1 Strontium 95
NT1 Strontium 96
NT1 Strontium 97
NT1 Strontium 98
NT1 Strontium 99
NT1 Strontium 100
RT Bone Seekers

STRONTIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM PERCHLORATES
DA November 1977
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds

STRONTIUM SULFATES [01]
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds

STRONTIUM SULFIDES [01]
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds

STRONTIUM 84 TARGET [01]
DA July 1976
BT1 Targets

STRONTIUM 86 TARGET [01]
DA July 1976
BT1 Targets

STRONTIUM 87 TARGET [01]
DA July 1976
BT1 Targets

STRONTIUM 88 TARGET [01]
DA July 1976
BT1 Targets

STRONTIUM 90 TARGET
DA November 1976
BT1 Targets

STRONTIUM TITANATES
DA September 1976
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Titanates
BT2 Oxygen Compounds
BT2 Titanium Compounds
BT3 Transition Element Compounds

STRONTIUM TUNGSTATES
DA November 1976
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Tungstates

STRONTIUM URANATES
DA November 1978
BT1 Strontium Compounds
BT2 Alkaline Earth Metal Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

STROPHANTIN [01]
BT1 Cardiotonics
BT2 Drugs
BT2 Steroids
BT3 Organic Compounds
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds
NT1 Ouabain

STRUCTURAL BEAMS
DA August 1977
UF *Beams (Structural)*
RT Building Materials
RT Construction

Structural Buckling
USE Deformation

STRUCTURAL CHEMICAL ANALYSIS [01]
UF *Analysis (Structural Chemical)*
RT Absorption Spectroscopy
RT Coordination Valences
RT Debye-Scherrer Method
RT Electron Spin Resonance
RT Infrared Spectra
RT Laue Method
RT Moessbauer Effect
RT Molecular Structure
RT Neutron Diffraction
RT Nuclear Magnetic Resonance
RT Thermal Analysis
RT Ultraviolet Spectra
RT X-Ray Diffraction
RT X-Ray Diffractometers

Structural Materials
USE Building Materials

STRUCTURAL MODELS [01]
UF *Models (Structural)*
NT1 Mockup
NT2 Phantoms
RT Comparative Evaluations
RT Functional Models
RT Hypothesis
RT Mathematical Models
RT Response Functions

Structure (Crystal)
USE Crystal Structure

Structure (Molecular)
DA December 1975
USE Molecular Structure

STRUCTURE FACTORS
DA December 1978
RT Crystal Structure
RT Liquids
RT Solids
DEF Factor related to intensity of diffracted beam used in structure determination for liquids and solids, as by x-ray diffraction.

STRUCTURE FUNCTIONS [01]
BT1 Functions
RT Gribov-Lipatov Relation
RT Particle Models
RT Particle Structure
DEF Momentum distribution of constituents within an elementary particle.

Structures (Buildings)
USE Buildings

Structures (Mechanics)
USE Mechanical Structures

STRUTINSKY THEORY [01]
RT Fission
RT Nuclear Models

STRYCHNINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

STSF ASSEMBLY [01]
(Subcritical Time-of-Flight Spectrum Facility)
UF *Subcritical Time-of-Flight Spectrum Facility*
BT1 Subcritical Assemblies
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Studs
USE Fasteners

Studsvik FR-0 Reactor
USE FR-0 Reactor

Studsvik R-0 Reactor
USE R-0 Reactor

Studsvik R-2 Reactor
USE R-2 Reactor

Studsvik R2-0 Reactor
USE R2-0 Reactor

Sturgis-Floating Nuclear Power Plant
USE MH-1A Reactor

STURM-LIOUVILLE EQUATION [01]
BT1 Differential Equations
BT2 Equations
RT Eigenfunctions
RT Green Function

STYRENE [01]
UF *Phenylethylene*
UF *Vinylbenzene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

RT Polystyrene
RT Vinyl Monomers

Styrene-Divinylbenzene Copolymer
USE Polystyrene-DVB

Styrene Polymers
USE Polystyrene

SU GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups
NT1 SU-2 Groups
NT1 SU-3 Groups
NT1 SU-4 Groups
NT1 SU-5 Groups
NT1 SU-6 Groups
NT1 SU-8 Groups
RT Goldstone Bosons
RT Unitary Symmetry

SU-2 GROUPS [01]
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups

SU-3 GROUPS [01]
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups
RT Charm Particles
RT Grace Particles
RT Higgs Model
RT Taste Particles

SU-4 GROUPS [01]
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups

SU-5 GROUPS [01]
DA January 1975
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups

SU-6 GROUPS [01]
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups

SU-8 GROUPS [01]
DA November 1976
BT1 SU Groups
BT2 Lie Groups
BT3 Symmetry Groups

SUBBITUMINOUS COAL
DA May 1975
BT1 Coal
BT2 Carbonaceous Materials
BT2 Fossil Fuels
BT3 Energy Sources
BT3 Fuels
DEF Coal that is intermediate between bituminous coal and lignite.

SUBCOOLED BOILING [01]
UF *Local Boiling*
UF *Surface Boiling*
BT1 Boiling
BT2 Phase Transformations

SUBCOOLING [01]
BT1 Cooling
RT Vapor Condensation

SUBCRITICAL ASSEMBLIES [01]
UF *Exponential Piles*
UF *Fast Breeder Blanket Facility (FBBF)*
UF *Neutron Multiplier Facility*
UF *SR-OB Reactor*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
NT1 PSE Reactor
NT1 STSF Assembly

Subcritical Flow
USE Laminar Flow

Subcritical Suspension Reactor
USE SUSPOP Reactor

Subcritical Time-of-Flight Spectrum Facility
USE STSF Assembly

SUBCRITICALITY
DA April 1975
RT Criticality
RT Fission
RT Reactor Kinetics

SUBCUTANEOUS INJECTION [01]
BT1 Injection
BT2 Intake

SUBLETHAL IRRADIATION [01]
BT1 Irradiation
RT Dose-Response Relationships
RT Lethal Irradiation
RT Lethal Radiation Dose
RT Radiation Doses

SUBLIMATION [01]
BT1 Evaporation
BT2 Phase Transformations
RT Refining
RT Separation Processes
RT Sublimation Cooling
RT Sublimation Heat

SUBLIMATION COOLING [01]
BT1 Cooling
RT Sublimation

SUBLIMATION HEAT [01]
UF *Heat of Sublimation*
UF *Latent Heat of Sublimation*
BT1 Transition Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties
RT Ablation
RT Sublimation

SUBMARINES [01]
UF *Underwater Vehicles*
BT1 Ships
RT Nuclear Ships
RT S8G Prototype Reactor
DEF Any self-powered underwater craft or towed underwater barges and arrays.

SUBMERGED ARC WELDING [01]
BT1 Arc Welding
BT2 Welding
BT3 Joining
BT4 Fabrication

Subsidence (Ground)
DA October 1975
USE Ground Subsidence

SUBSIDIES
DA May 1979
BT1 Financial Incentives
RT Economics
RT Financing

SUBSONIC FLOW [01]
BT1 Fluid Flow
RT Aerodynamics
RT Compressible Flow

Substitution Equivalent
DA May 1979
RT Energy Efficiency
RT Energy Sources
RT Net Energy
DEF The amount of fuel saved by the substitution of one fuel for another when the same energy product is generated.

Substitution Techniques
USE Pile Replacement Techniques

SUBSTOICHIOMETRY [01]
RT Activation Analysis
RT Impurities
RT Isotope Dilution
RT Quantitative Chemical Analysis

SUBSTRATES [01]
RT Enzymes
RT Layers

SUBSURFACE STRUCTURES [01]
RT Civil Defense
RT Fallout Shelters
RT Shelters
RT Tunnels

SUBTERRENE PENETRATORS [01]
BT1 Drills
BT2 Drilling Equipment
BT3 Equipment
RT Boreholes
RT Earth Penetrators
RT Excavation
RT Heating
RT Materials Drilling
RT Melting
RT Rock Drilling
RT Tunnels

Suburbs
USE Urban Areas

SUCCINIC ACID [01]
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Aspartic Acid

Sucrose
USE Saccharose

SUDAN [01]
BT1 Africa
RT Nile River
RT Red Sea

SUDDEN APPROXIMATION [01]
DA January 1975
RT Collisions

SUDDEN COMMENCEMENTS [01]
RT Magnetic Storms

SUDDEN IONOSPHERIC DISTURBANCE [01]
UF *SID*
BT1 Disturbances
BT1 Ionospheric Storms
RT Ionosphere

SUEZ CANAL
DA February 1978
BT1 Egyptian Arab Republic
BT2 Africa
BT1 Surface Waters

Sugar
USE Saccharose

SUGAR BEETS
DA June 1977
BT1 Beets
BT2 Vegetables
BT3 Food

SUGAR CANE [01]
BT1 Gramineae
BT2 Plants
BT1 Grass
BT2 Plants
RT Crops
RT Molasses

Sugars
USE Saccharides

SUGAWARA THEORY [01]
RT Quantum Field Theory

SULFADIAZINE [01]
DA January 1975
BT1 Amines
BT2 Organic Compounds
BT1 Antibiotics
BT2 Drugs

BT1 Organic Sulfur Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

SULFAMIC ACID
DA January 1975
BT1 Inorganic Acids
BT2 Hydrogen Compounds

SULFANILIC ACID [01]
UF *Aminobenzenesulfonic Acid-para*
BT1 Amines
BT2 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

SULFATES [01]
BT1 Oxygen Compounds
BT1 Sulfur Compounds
NT1 Actinium Sulfates
NT1 Aluminium Sulfates
NT2 Alunite
NT1 *Americium* Sulfates
NT1 Ammonium Sulfates
NT1 Antimony Sulfates
NT1 Barium Sulfates
NT2 Barite
NT2 Uranocircite
NT1 Berkelium Sulfates
NT1 Beryllium Sulfates
NT1 Bismuth Sulfates
NT1 Cadmium Sulfates
NT1 Calcium Sulfates
NT2 Anhydrite
NT2 Gypsum
NT1 *Californium* Sulfates
NT1 Cerium Sulfates
NT1 Cesium Sulfates
NT1 Chromium Sulfates
NT1 Cobalt Sulfates
NT1 Copper Sulfates
NT2 Johannite
NT1 Curium Sulfates
NT1 Dysprosium Sulfates
NT1 Erbium Sulfates
NT1 Europium Sulfates
NT1 Gadolinium Sulfates
NT1 Gallium Sulfates
NT1 *Hafnium* Sulfates
NT1 Holmium Sulfates
NT1 Indium Sulfates
NT1 Iridium Sulfates
NT1 Iron Sulfates
NT1 Lanthanum Sulfates
NT1 Lead Sulfates
NT1 Lithium Sulfates
NT1 Lutetium Sulfates
NT1 Magnesium Sulfates
NT1 Manganese Sulfates
NT1 Mercury Sulfates
NT1 Molybdenum Sulfates
NT1 Neodymium Sulfates
NT1 Neptunium Sulfates
NT1 Nickel Sulfates
NT1 Niobium Sulfates
NT1 Osmium Sulfates
NT1 Platinum Sulfates
NT1 *Plutonium* Sulfates
NT1 Potassium Sulfates
NT2 Alunite
NT1 Praseodymium Sulfates
NT1 Protactinium Sulfates
NT1 Radium Sulfates
NT1 Rhenium Sulfates
NT1 Rubidium Sulfates
NT1 Ruthenium Sulfates
NT1 Samarium Sulfates
NT1 Scandium Sulfates
NT1 Silver Sulfates
NT1 Sodium Sulfates
NT2 Schroeckingerite
NT1 Strontium Sulfates
NT1 Tantalum Sulfates
NT1 Terbium Sulfates
NT1 Thallium Sulfates
NT1 Thorium Sulfates
NT1 Thulium Sulfates
NT1 Tin Sulfates
NT1 Titanium Sulfates
NT1 Uranium Sulfates
NT2 Johannite
NT2 Zippeite
NT1 Uranyl Sulfates
NT1 Vanadium Sulfates
NT1 Ytterbium Sulfates
NT1 Yttrium Sulfates
NT1 Zinc Sulfates
NT1 *Zirconium* Sulfates
RT Acid Sulfates
RT Sulfuric Acid
RT Thiosulfates

SULFENAMIDES
DA January 1975
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

SULFEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Sulfhydryl Compounds
USE Thiols

SULFHYDRYL RADICALS [01]
BT1 Radicals

SULFIBAN PROCESS
DA September 1976
BT1 Desulfurization
BT2 Chemical Reactions
DEF A process for coke oven gas desulfurization using monoethanolamine scrubbing.

SULFIDATION
DA July 1979
BT1 Chemical Reactions
RT Sulfur

SULFIDES [01]
UF *Polysulfides*
UF *Thioethers*
BT1 Chalcogenides
BT1 Sulfur Compounds
NT1 Aluminium Sulfides
NT1 Americium Sulfides
NT1 Antimony Sulfides
NT1 Arsenic Sulfides
NT1 Barium Sulfides
NT1 Berkelium Sulfides
NT1 Beryllium Sulfides
NT1 Bismuth Sulfides
NT1 Boron Sulfides
NT1 Cadmium Sulfides
NT1 Calcium Sulfides
NT1 Californium Sulfides
NT1 Carbon Sulfides
NT1 Cerium Sulfides
NT1 Cesium Sulfides
NT1 Chromium Sulfides
NT1 Cobalt Sulfides
NT1 Copper Sulfides
NT2 Chalcopyrite
NT1 Curium Sulfides
NT1 Dysprosium Sulfides
NT1 Einsteinium Sulfides
NT1 Erbium Sulfides
NT1 Europium Sulfides
NT1 Fermium Sulfides
NT1 Gadolinium Sulfides
NT1 Gallium Sulfides
NT1 Germanium Sulfides
NT1 Hafnium Sulfides
NT1 Holmium Sulfides
NT1 Hydrogen Sulfides
NT1 *Indium* Sulfides
NT1 Iron Sulfides
NT2 Chalcopyrite
NT2 Marcasite
NT2 Pyrite
NT2 Pyrrhotite
NT3 Troilite
NT1 Lanthanum Sulfides
NT1 Lead Sulfides
NT2 Galena
NT1 Lithium Sulfides
NT1 *Lutetium* Sulfides
NT1 Magnesium Sulfides
NT1 Manganese Sulfides
NT1 Mendelevium Sulfides
NT1 Mercury Sulfides
NT2 Cinnabar
NT1 Molybdenum Sulfides
NT1 Neodymium Sulfides
NT1 Neptunium Sulfides
NT1 Nickel Sulfides
NT1 Niobium Sulfides
NT1 Nobelium Sulfides
NT1 Osmium Sulfides
NT1 Palladium Sulfides
NT1 Phosphorus Sulfides
NT1 Platinum Sulfides
NT1 Plutonium Sulfides
NT1 Polonium Sulfides
NT1 Potassium Sulfides
NT1 Praseodymium Sulfides
NT1 Pyrites
NT2 Pyrite
NT1 Rhenium Sulfides
NT1 Rhodium Sulfides
NT1 Rubidium Sulfides
NT1 Ruthenium Sulfides
NT1 Samarium Sulfides
NT1 Scandium Sulfides
NT1 Selenium Sulfides
NT1 Silicon Sulfides
NT1 Silver Sulfides
NT1 Sodium Sulfides
NT1 Strontium Sulfides
NT1 Tantalum Sulfides
NT1 Technetium Sulfides
NT1 Tellurium Sulfides
NT1 Terbium Sulfides
NT1 Thallium Sulfides
NT1 Thorium Sulfides
NT1 Thulium Sulfides
NT1 Tin Sulfides
NT1 Titanium Sulfides
NT1 Tungsten Sulfides
NT1 Uranium Sulfides
NT1 Vanadium Sulfides
NT1 *Ytterbium* Sulfides
NT1 Yttrium Sulfides
NT1 Zinc Sulfides
NT1 Zirconium Sulfides
RT Oxysulfides

SULFINOL PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of acidic gas constituents, such as H_2S, CO_2, COS, and mercaptans, from natural, refinery, and synthesis gases and LNG feedstocks.

Sulfite Waste Liquor
DA August 1978
USE Spent Liquors

SULFITES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Sulfur Compounds
RT Sulfurous Acid

SULFOCHLORINATION [01]
BT1 Chlorination
BT2 Halogenation
BT3 Chemical Reactions
BT1 Sulfonation

BT2 Chemical Reactions

Sulfocyanides
USE Thiocyanates

SULFONAMIDES [01]
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Drugs
RT Sulfonic Acids

SULFONATES [01]
(For salts of sulfonic acids; for esters see SULFONIC ACID ESTERS.)
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Indocyanine Green
NT1 Petroleum Sulfonates
RT Sulfonic Acid Esters
RT Sulfonic Acids

SULFONATION [01]
BT1 Chemical Reactions
NT1 Sulfochlorination

SULFONES [01]
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 SPADNS

SULFONIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 ABS
NT1 EMS
NT1 Methyl Methanesulfonate
NT1 Petroleum Sulfonates
RT Sulfonates
RT Sulfonic Acids

SULFONIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Acid Chrome Dyes
NT1 Arsenazo
NT1 Beryllon
NT1 Bromosulfophthalein
NT1 Chromotropic Acid
NT1 Congo Red
NT1 Eriochrome Dyes
NT1 Erioglaucine
NT1 Evans Blue
NT1 Ferron
NT1 Methyl Orange
NT1 Nitroso-R Salt
NT1 SDPPH
NT1 SPADNS
NT1 Sulfanilic Acid
NT1 Taurine
NT1 Thorin
NT1 Tiron
NT1 Trypan Blue
NT1 Unithiol
RT Chloramines
RT Sulfonamides
RT Sulfonates
RT Sulfonic Acid Esters
RT Syntans

Sulfophenyl-Naphthalene-Sulfonic Acid
USE SPADNS

SULFOX PROCESS
DA January 1976
RT Desulfurization
DEF Conversion of hydrogen sulfide in some refinery gas or water streams to high-purity molten sulfur. Process operates on aqueous solution of ammonia and hydrogen sulfide, which may be refinery sour water or rich solution obtained by absorbing hydrogen sulfide from refinery gas with aqueous ammonia recycled from Sulfox unit.

SULFOXIDES [01]
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 DMSO
NT1 DPSO

SULFREEN PROCESS
DA January 1975
RT Desulfurization
DEF Process for desulfurization of residue gas from Claus tail unit to produce liquid S; H_2S and SO_2 are made to react at temperatures below the S dew point of the reaction gas mixture.

SULFUR [01]
UF *Sulfur Sulfides*
BT1 Nonmetals
BT2 Elements
RT BAMAG Process
RT RESOX Process
RT Sour Crudes
RT Sulfidation

SULFUR 24 [01]
DA May 1978
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 29 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 30 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sulfur Isotopes

SULFUR 31 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sulfur Isotopes

SULFUR 32 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Sulfur Isotopes
RT Sulfur 32 Beams
RT Sulfur 32 Reactions

SULFUR 33 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Sulfur Isotopes

SULFUR 34 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Sulfur Isotopes
RT Sulfur 34 Reactions

SULFUR 35 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 36 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Sulfur Isotopes

SULFUR 37 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Sulfur Isotopes

SULFUR 38 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 39 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 40 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 41 [01]
DA February 1976
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR 42 [01]
DA February 1976
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Light Nuclei
BT2 Nuclei
BT1 Sulfur Isotopes

SULFUR ADDITIONS [01]
BT1 Alloys
NT1 Ni-Hard

SULFUR 32 BEAMS [01]
DA June 1975
BT1 Ion Beams
BT2 Beams
RT Sulfur 32

Sulfur Carbides
USE Carbon Sulfides

SULFUR CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Sulfur Compounds

SULFUR COMPLEXES [01]
BT1 Complexes

SULFUR COMPOUNDS [01]
UF+ *Polythionates*
UF+ *Polythionic Acids*
NT1 Carbon Oxysulfide
NT1 Oxysulfides
NT1 Persulfates
NT1 Persulfuric Acid
*NT1 Sulfates
*NT1 Sulfides
NT1 Sulfites
NT1 Sulfur Chlorides
NT1 Sulfur Fluorides
NT1 Sulfur Nitrides
NT1 Sulfur Oxides
NT2 Sulfur Dioxide
NT2 Sulfur Trioxide
NT1 Sulfuryl Compounds
RT Organic Sulfur Compounds

SULFUR CYCLE
DA March 1979
RT Ecological Concentration
RT Ecosystems
RT Mineral Cycling

SULFUR DIOXIDE
DA January 1975
BT1 Sulfur Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Sulfur Compounds

SULFUR FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Sulfur Compounds

Sulfur Hydrides
USE Hydrogen Sulfides

SULFUR IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

SULFUR ISOTOPES [01]
NT1 Sulfur 24
NT1 Sulfur 29
NT1 Sulfur 30
NT1 Sulfur 31
NT1 Sulfur 32
NT1 Sulfur 33
NT1 Sulfur 34
NT1 Sulfur 35
NT1 Sulfur 36
NT1 Sulfur 37
NT1 Sulfur 38
NT1 Sulfur 39
NT1 Sulfur 40
NT1 Sulfur 41
NT1 Sulfur 42

SULFUR METERS
DA December 1978
BT1 Measuring Instruments
RT Chemical Analysis
RT Coal Gasification
RT Electrolytic Cells
RT Pollution Control Equipment

SULFUR NITRIDES [01]
UF *Nitrogen Sulfides*
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Sulfur Compounds

SULFUR ORES
DA June 1978
BT1 Ores
NT1 Pyrites
NT2 Pyrite

SULFUR OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Sulfur Compounds
NT1 Sulfur Dioxide
NT1 Sulfur Trioxide

SULFUR 32 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Sulfur 32

SULFUR 33 REACTIONS [01]
DA July 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

SULFUR 34 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Sulfur 34

Sulfur Sulfides
USE Sulfur

SULFUR 32 TARGET [01]
DA July 1976
BT1 Targets

SULFUR 33 TARGET [01]
DA July 1976
BT1 Targets

SULFUR 34 TARGET [01]
DA July 1976
BT1 Targets

SULFUR 36 TARGET [01]
DA July 1976
BT1 Targets

SULFUR TRIOXIDE
DA February 1975
BT1 Sulfur Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Sulfur Compounds

SULFURIC ACID [01]
UF *Hydrogen Sulfates*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
NT1 Persulfuric Acid
RT Acid Sulfates
RT Sulfates
RT Sulfuric Acid Esters
RT Sulfuryl Compounds

SULFURIC ACID ESTERS [01]
DA January 1975
BT1 Esters
BT2 Organic Compounds
RT Sulfuric Acid

SULFUROUS ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Sulfites

SULFURYL COMPOUNDS
DA January 1975
BT1 Sulfur Compounds
RT Sulfuric Acid

SUM RULES [01]
BT1 Equations
RT Quantum Mechanics

SUMMER-1 REACTOR [01]
UF *Virgil C Summer-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SUMMIT-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

SUMMIT-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

SUN [01]
BT1 Main Sequence Stars
BT2 Stars
RT Chromosphere
RT Energy Sources
RT International Geophysical Year
RT International Quiet Sun Year
RT Orbiting Solar Observatories
RT Photosphere
RT Solar Activity
RT Solar Atmosphere
RT Solar Corona
RT Solar Cycle
RT Solar Energy
RT Solar Flares
RT Solar Granulation
RT Solar Prominences
RT Solar Radiation
RT Solar Radio Bursts
RT Solar System
RT Solar Wind
RT Solar X-Ray Bursts

SUN SHADES
DA October 1975
RT Cooling Load
RT Curtains
RT Shading
RT Shutters

Sundance PM-1 Reactor
USE PM-1 Reactor

SUNDESERT-1 REACTOR [01]
DA May 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

SUNDESERT-2 REACTOR [01]
DA May 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

SUNFLOWERS [01]
UF *Helianthus Annuus*
BT1 Plants

SUNNYSIDE DEPOSIT
DA May 1977
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Oil Sands
RT Utah

SUNSHINE PROJECT [01]
UF *Project Sunshine*
RT Fallout

SUNSPOTS [01]
BT1 Solar Activity
RT Photosphere
RT Solar Cycle

Super High Frequency Radiation
USE GHz Range 01-100
AND Radiowave Radiation

SUPER KUKLA REACTOR [01]
(Lawrence Livermore Laboratory prompt burst reactor.)
DA January 1975
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors

SUPER PHENIX REACTOR [01]
DA May 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

Super Power Water Boiler
USE SUPO Reactor

SUPERCHARGERS
DA January 1975
UF *Supercharging*
BT1 Compressors
RT Blowers
RT Internal Combustion Engines

Supercharging
DA January 1975
USE Superchargers

SUPERCONDUCTING CABLES [01]
DA January 1975
BT1 Electric Cables
BT2 Cables
BT2 Conductor Devices
BT3 Electrical Equipment
BT4 Equipment
RT Cryogenic Cables
RT Superconducting Composites
RT Superconducting Devices

SUPERCONDUCTING CAVITY RESONATORS [01]
DA February 1975
BT1 Cavity Resonators
BT2 Resonators
BT3 Electronic Equipment
BT1 Superconducting Devices
RT Cyclic Accelerators
RT Microwave Equipment
RT RF Systems

SUPERCONDUCTING COILS
DA November 1975
RT Magnet Coils
RT Magnetic Energy Storage Equipment

SUPERCONDUCTING COLLOID DETECTORS [01]
DA November 1976
BT1 Radiation Detectors
BT2 Measuring Instruments
BT1 Superconducting Devices

SUPERCONDUCTING COMPOSITES [01]
DA January 1975
BT1 Composite Materials
RT Superconducting Cables
DEF Superconductors embedded or clad in a conductor matrix.

SUPERCONDUCTING DEVICES [01]
(Restricted to general or review articles and bibliographies.)
DA June 1975
NT1 Cryotrons
NT1 Flux Pumps
NT1 SQUID Devices
NT1 Superconducting Cavity Resonators
NT1 Superconducting Colloid Detectors
NT1 Superconducting Generators
NT1 Superconducting Magnets
NT1 Superconducting Motors
RT Josephson Junctions
RT Superconducting Cables
RT Superconducting Junctions

SUPERCONDUCTING FILMS
DA June 1975
BT1 Films
RT Superconductors

Superconducting Flux Pumps
DA March 1975
USE Flux Pumps

SUPERCONDUCTING GENERATORS [01]
DA May 1975
BT1 Electric Generators
BT1 Superconducting Devices

SUPERCONDUCTING JUNCTIONS [01]
NT1 Josephson Junctions
RT Superconducting Devices
RT Superconductors
RT Tunnel Effect

SUPERCONDUCTING MAGNETS [01]
BT1 Electromagnets
BT2 Electrical Equipment
BT3 Equipment
BT2 Magnets
BT1 Superconducting Devices
RT Large Coil Program
RT Magnet Coils
RT Magnetic Energy Storage
RT Magnetic Energy Storage Equipment
RT Superconductors

SUPERCONDUCTING MOTORS [01]
DA April 1975
BT1 Electric Motors
BT2 Motors
BT1 Superconducting Devices

Superconducting Quantum Interference Devices
USE SQUID Devices

SUPERCONDUCTING WIRES
DA June 1975
BT1 Wires
RT Superconductors

SUPERCONDUCTIVITY [01]
BT1 Electric Conductivity
BT2 Electrical Properties
BT3 Physical Properties
RT Abrikosov Theory
RT AC Losses
RT BCS Theory
RT Belyaev Theory
RT Bogolyubov Method
RT Coherence Length
RT Collective Excitations
RT Cooper Pairs
RT Critical Current
RT Critical Field
RT Cryogenics
RT Electron-Electron Coupling
RT Electron-Ion Coupling
RT Electron-Phonon Coupling
RT Energy Gap
RT Flux Quantization
RT Ginzburg-Landau Theory
RT Gorkov-Eliashberg Theory
RT Helicon Resonance
RT Intermediate State
RT Josephson Effect
RT Kisslinger-Sorensen Theory
RT London Equation
RT Magnetic Flux
RT Meissner-Ochsenfeld Effect
RT Mendelssohn Model
RT Mixed State
RT Penetration Depth
RT Pippard Theory
RT Proximity Effect
RT Quenching
RT Tunnel Effect

SUPERCONDUCTORS [01]
NT1 Landau Domain Structure
NT1 Stabilized Superconductors
NT1 Type-I Superconductors
NT1 Type-II Superconductors
RT Electric Conductors
RT Magnetic Shielding
RT SQUID Devices
RT Superconducting Films
RT Superconducting Junctions
RT Superconducting Magnets
RT Superconducting Wires
RT TTF-TCNQ

SUPERCONVERGENCE RELATIONS [01]
RT Mathematics
RT Series Expansion

Supercritical Flow
USE Turbulent Flow

SUPERCRITICAL GAS EXTRACTION
DA November 1978
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
BT1 Extraction

BT2 Separation Processes
RT Coal Liquids
DEF The extractor is charged with coal and gaseous toluene and heated to about 750°F. The reactor pressure is maintained at about 1500 psia. At these conditions the gaseous toluene acts as a solvent to "dissolve" the coal tar liquids.

SUPERDISLOCATIONS [01]
RT Dislocations
DEF Groups of dislocations with specific space configuration.

SUPERFLUID MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

SUPERFLUIDITY [01]
RT Bose-Einstein Condensation
RT Cryogenics
RT Fifth Sound
RT Film Flow
RT Fluid Flow
RT Fourth Sound
RT Ginzburg-Pitaevskii Theory
RT Helium 3 A
RT Helium 3 A1
RT Helium 3 B
RT Helium II
RT Khalatnikov Theory
RT Lambda Point
RT Landau Liquid Helium Theory
RT Second Sound
RT Third Sound
RT Viscosity
RT Vortex Flow
RT Zero Sound

SUPERGIANT STARS [01]
BT1 Giant Stars
BT2 Stars

Supergranulation
USE Solar Granulation

SUPERGRAVITY [01]
DA November 1977
RT Graded Lie Groups
RT Gravitation
RT Quantum Gravity
RT Symmetry
DEF A theory connecting fermion-boson supersymmetry with gravitation.

SUPERHEATERS [01]
UF *Steam Superheaters*
RT Reactor Cooling Systems
RT Steam Generators
RT Superheating

SUPERHEATING [01]
BT1 Heating
NT1 Nuclear Superheating
RT Steam
RT Superheaters

Superheavy Elements
USE Trans 104 Elements

Superheterodyne Receivers
DA June 1975
USE Heterodyne Receivers

SUPERHILAC [01]
UF *Berkeley Superhilac*
BT1 Hilacs
BT2 Heavy Ion Accelerators
BT3 Accelerators
BT2 Linear Accelerators
BT3 Accelerators
RT Bevalac

SUPERIOR PROCESS
DA March 1977
RT Oil Shales
DEF Circular-grate retort used in processing shale; nahcolite and dawsonite are co-products with shale oil.

SUPERLATTICES [01]
RT Order-Disorder Transformations
RT Solid Solutions

SUPERMASSIVE STARS [01]
(Of the order of 100000 solar masses.)
BT1 Stars

SUPERMULTIPLETS [01]
BT1 Multiplets

SUPERNOVA REMNANTS [01]
BT1 Cosmic Radio Sources
NT1 Crab Nebula
RT Pulsars
RT Supernovae

SUPERNOVAE [01]
BT1 Eruptive Variable Stars
BT2 Variable Stars
BT3 Stars
RT Novae
RT Supernova Remnants

SUPEROPERATORS [01]
(Acting on another mathematical operator(s).)
BT1 Mathematical Operators

SUPEROXIDE RADICALS (O_2)
DA August 1977
BT1 Radicals

SUPERPARAMAGNETISM [01]
DA April 1976
BT1 Magnetism

SUPERPHOSPHATES [01]
BT1 Fertilizers
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

SUPERSATURATION [01]
BT1 Saturation
RT Precipitation
RT Solubility
RT Solutions

SUPERSELECTION RULES [01]
BT1 Selection Rules
RT Quantum Mechanics

SUPERSONIC FLOW [01]
BT1 Fluid Flow
RT Aerodynamics
RT Compressible Flow
RT Shock Waves
RT Transonic Flow
RT Wind Tunnels

SUPERSONIC TRANSPORT [01]
BT1 Air Transport
BT2 Transport
RT Aircraft
RT Cosmic Radiation
RT Solar Flares
RT Stratosphere

SUPERSYMMETRY [01]
DA May 1978
BT1 Symmetry
RT Graded Lie Groups
RT Group Theory
RT Quantum Field Theory

Supertankers
DA March 1976
USE Tanker Ships

SUPERTHERM
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Silicon Alloys
BT2 Alloys
BT1 Tungsten Alloys
BT2 Alloys

Supervoltage Radiotherapy
USE Radiotherapy

SUPO REACTOR [01]
UF *Los Alamos Water Boiler Reactor*
UF *Super Power Water Boiler*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SUPPLY AND DEMAND
DA March 1978
RT Demand Factors
RT Domestic Supplies
RT Economics
RT Energy Demand
RT Energy Supplies
RT Market
RT Trade
DEF Relationship between the quantity that producers wish to sell at various prices and the quantity of a commodity that consumers wish to buy.

SUPPORT PILLARS
DA June 1979
RT Supports

SUPPORTS [01]
BT1 Mechanical Structures
NT1 Catalyst Supports
NT1 Foundations
NT1 Fuel Racks
NT1 Powered Supports
RT Mining Equipment
RT Reactor Core Restraints
RT Roof Bolts
RT Support Pillars

Suppression
DA January 1976
USE Inhibition

Supralethal Doses
USE Supralethal Irradiation

SUPRALETHAL IRRADIATION [01]
UF *Supralethal Doses*
BT1 Irradiation
RT Death
RT Dose-Response Relationships
RT Lethal Irradiation
RT Lethal Radiation Dose
RT Mortality
RT Radiation Doses

SUR-100 Aachen
USE SUR-100 Series Reactor

SUR-100 Berlin
USE SUR-100 Series Reactor

SUR-100 Bremen
USE SUR-100 Series Reactor

SUR-100 Darmstadt
USE SUR-100 Series Reactor

SUR-100 Hamburg
USE SUR-100 Series Reactor

SUR-100 Karlsruhe
USE SUR-100 Series Reactor

SUR-100 Kiel
USE SUR-100 Series Reactor

SUR-100 Muenchen
USE SUR-100 Series Reactor

SUR-100 SERIES REACTOR [01]
UF *Siemens Unterrichtsreaktor*
UF *SUR-100 Aachen*
UF *SUR-100 Berlin*
UF *SUR-100 Bremen*
UF *SUR-100 Darmstadt*
UF *SUR-100 Hamburg*
UF *SUR-100 Karlsruhe*
UF *SUR-100 Kiel*
UF *SUR-100 Muenchen*
UF *SUR-100 Stuttgart*
UF *SUR-100 Ulm*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

SUR-100 Stuttgart
USE SUR-100 Series Reactor

SUR-100 Ulm
USE SUR-100 Series Reactor

Surface-Active Agents
USE Surfactants

SURFACE AIR [01]
BT1 Air
BT2 Gases
BT3 Fluids
RT Earth Atmosphere
RT Particle Resuspension

SURFACE AREA
DA September 1977
BT1 Surface Properties

SURFACE BARRIER DETECTORS [01]
BT1 Semiconductor Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Surface Barrier Transistors

SURFACE BARRIER TRANSISTORS [01]
BT1 Transistors
BT2 Semiconductor Devices
RT Surface Barrier Detectors

Surface Boiling
USE Subcooled Boiling

SURFACE CLEANING [01]
BT1 Cleaning
BT1 Surface Finishing
RT Decontamination
RT Descaling
RT Polishing
RT Shot Peening
RT Solder Fluxes

SURFACE COATING [01]
UF *Coating (Surface)*
UF *Coating Processes*
BT1 Deposition
NT1 Chemical Coating
NT2 Chemical Vapor Deposition
NT2 Electrochemical Coating
NT3 Anodization
NT1 Cladding
NT1 Diffusion Coating
NT1 Dip Coating
NT2 Hot Dipping
NT1 Electrodeposition
NT2 Electroplating
NT1 Plating
NT2 Electroplating
NT2 Vapor Plating
NT1 Screen Printing
NT1 Spray Coating
NT2 Flame Spraying
NT2 Plasma Arc Spraying
NT1 Vacuum Coating
RT Coatings
RT Corrosion Protection
RT Hard Facing
RT Lining Processes
RT Surface Finishing
RT Waterproofing

SURFACE CONTAMINATION [01]
UF *Contamination (Surface)*
BT1 Contamination
RT Decontamination
RT Radioactivity

SURFACE CONTAMINATION MONITORS [01]
BT1 Radiation Monitors
BT2 Measuring Instruments
RT Contamination

Surface Delta Interaction
DA April 1975
USE Surface Delta Potential

SURFACE DELTA POTENTIAL [01]
DA April 1975
UF *Modified Surface Delta Potential*
UF *Surface Delta Interaction*
BT1 Nucleon-Nucleon Potential
BT2 Potentials

Surface-Effect Machines
DA August 1977
USE Air Cushion Vehicles

SURFACE ENERGY
DA February 1975
BT1 Free Energy
BT2 Energy
BT2 Thermodynamic Properties
BT3 Physical Properties
BT1 Surface Properties
DEF Free energy per unit area of surface.

SURFACE EXPLOSIONS [01]
BT1 Explosions
NT1 Holly Event
RT Buffalo Project
RT Cratering Explosions
RT Craters
RT Jangle Project
RT Nuclear Excavation
RT Nuclear Explosions
RT Plowshare Project

SURFACE FINISHING [01]
UF *Finishing (Surface)*
NT1 Descaling
NT1 Etching
NT1 Polishing
NT2 Chemical Polishing
NT2 Electropolishing
NT2 Mechanical Polishing
NT1 Surface Cleaning
RT Coatings
RT Machining
RT Metallography
RT Surface Coating
RT Surface Hardening

SURFACE FORCES
DA May 1979
RT Mechanics
DEF An external force which acts only on the surface of a body.

SURFACE HARDENING [01]
BT1 Hardening
BT1 Surface Treatments
NT1 Carburization
RT Cold Working
RT Shot Peening
RT Surface Finishing

SURFACE IONIZATION [01]
DA June 1975
BT1 Ionization
NT1 Adiabatic Surface Ionization
RT Ion Thrusters

SURFACE MINING
DA January 1975
BT1 Mining
NT1 Cross-Ridge Mining
RT Auger Mining
RT Coal Mining
RT Contained Explosions
RT Cratering Explosions
RT Excavation
RT Fracturing
RT Mines
RT Oil Shale Mining
RT Slope Stability
RT Underground Mining

SURFACE MINING ACTS
DA April 1978
BT1 Mining Laws
BT2 Laws

SURFACE POTENTIAL
DA April 1979
BT1 Potentials
RT Surface Properties
RT Work Functions

SURFACE PROPERTIES [01]
NT1 Emissivity
NT1 Reflectivity
NT1 Roughness
NT1 Sorptive Properties
NT1 Surface Area
NT1 Surface Energy
NT1 Surface Tension
RT Adhesion
RT Adsorption
RT Ceramography
RT Corrosion
RT Physical Properties
RT Surface Potential
RT Surface Treatments
RT Waterproofing
RT Wettability

SURFACE TENSION [01]
UF *Tension (Surface)*
BT1 Surface Properties
RT Surfactants
RT Tensiometers

SURFACE TREATMENTS [01]
NT1 Pickling
NT2 Corrosion Pickling
NT1 Shot Peening
NT1 Surface Hardening
NT2 Carburization
RT Sample Preparation
RT Surface Properties
RT Waterproofing

SURFACE WATERS [01]
NT1 Coastal Waters
NT1 Estuaries
NT1 Lakes
NT2 Ambrosia Lake
NT2 Athabasca Lake
NT2 Dead Sea
NT2 Elliot Lake
NT2 Great Lakes
NT3 Lake Erie
NT3 Lake Huron
NT3 Lake Michigan
NT3 Lake Ontario
NT3 Lake Superior
NT2 Great Salt Lake
NT2 Lago Maggiore
NT2 Lake Wabamun
NT1 Panama Canal
NT1 Seas
NT2 Arctic Ocean
NT3 Beaufort Sea
NT4 Prudhoe Bay
NT2 Atlantic Ocean
NT3 Baltimore Canyon
NT3 Bay of Fundy
NT3 Biscayne Bay

NT3 Caribbean Sea
NT4 Gulf of Mexico
NT5 Galveston Bay
NT5 San Antonio Bay
NT3 Chesapeake Bay
NT3 Gulf of Maine
NT3 Irish Sea
NT3 North Sea
NT3 Sargasso Sea
NT2 Baltic Sea
NT2 Bass Strait
NT2 Black Sea
NT2 Caspian Sea
NT2 Indian Ocean
NT3 Arabian Sea
NT4 Persian Gulf
NT2 Marmara Sea
NT2 Mediterranean Sea
NT3 Adriatic Sea
NT2 Pacific Ocean
NT3 Bering Sea
NT3 Gulf of Alaska
NT3 Gulf of California
NT3 Humboldt Bay
NT3 Puget Sound
NT3 San Francisco Bay
NT2 Red Sea
NT3 Gulf of Suez
NT2 Tasman Sea
NT1 Streams
NT2 Rivers
NT3 Allegheny River
NT3 Amazon River
NT3 Arkansas River
NT3 Blind River
NT3 Brazos River
NT3 Cape Fear River
NT3 Chattahoochee River
NT3 Clinch River
NT3 Colorado River
NT3 Columbia River
NT3 Connecticut River
NT3 Crystal River
NT3 Cumberland River
NT3 Danube River
NT3 Delaware River
NT3 Detroit River
NT3 Fraser River
NT3 Ganga River
NT3 Gunnison River
NT3 Hudson River
NT3 James River
NT3 Mississippi River
NT3 Missouri River
NT3 Mohawk River
NT3 Nelson River
NT3 Niger River
NT3 Nile River
NT3 North Platte River
NT3 Ohio River
NT3 Ottawa River
NT3 Peace River
NT3 Piceance Creek
NT3 Po River
NT3 Potomac River
NT3 Rhine River
NT3 Rhone River
NT3 Saint Clair River
NT3 Saint John River
NT3 Santee River
NT3 Savannah River
NT3 Scioto River
NT3 Severn River
NT3 St Lawrence River
NT3 Susquehanna River
NT3 Tennessee River
NT3 Thames River
NT3 Volga River
NT3 White River
NT3 Yellow Creek
NT3 Yukon River
NT1 Suez Canal
NT1 Swimming Pools
NT1 Territorial Waters
NT1 Water Reservoirs
NT2 Cooling Ponds
RT Alluvial Deposits
RT Atmospheric Precipitations
RT Fishes
RT Floods
RT Ground Water
RT Hydrology
RT Hydrosphere
RT Irrigation
RT Liquid Wastes
RT Marshes
RT Plankton
RT Swamps
RT Water
RT Water Resources
RT Watersheds

Surface Waves
DA July 1978
USE Seismic Surface Waves

SURFACES [01]
NT1 Spectrally Selective Surfaces
RT Absorptivity
RT Adsorption
RT Blisters
RT Interfaces
RT Rewetting
RT Topological Foliation
RT Two-Dimensional Calculations

Surfacing, Hard
DA July 1978
USE Hard Facing

SURFACTANTS [01]
SF *Chemicals*
UF *Dispersants (Chemical)*
UF *Surface-Active Agents*
NT1 Wetting Agents
NT2 Detergents
NT3 Pluronics
RT Surface Tension

SURGERY [01]
UF+ *Radiosurgery*
UF+ *Sympathectomy*
UF+ *Vagotomy*
BT1 Medicine
NT1 Adrenalectomy
NT1 Castration
NT1 Gastrectomy
NT1 Hepatectomy
NT1 Hypophysectomy
NT1 Nephrectomy
NT1 Plastic Surgery
NT1 Splenectomy
NT1 Thymectomy
NT1 Thyroidectomy
RT Anesthesia
RT Surgical Materials
RT Therapy

SURGES [01]
DA April 1975
RT Electric Controllers
RT Electric Currents
RT Electric Potential
RT Electrical Transients
RT Overcurrent
RT Overvoltage
RT Pulses
RT Transients
RT Voltage Regulators

SURGICAL MATERIALS [01]
BT1 Medical Supplies
RT Isomed
RT Prostheses
RT Surgery

SURINAM [01]
BT1 South America
BT2 Latin America

SURMAC REACTORS
DA January 1978
BT1 Thermonuclear Reactors

Surry Power Station Unit-1
USE Surry-1 Reactor

Surry Power Station Unit-2
USE Surry-2 Reactor

SURRY-1 REACTOR [01]
UF *Surry Power Station Unit-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SURRY-2 REACTOR [01]
UF *Surry Power Station Unit-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SURRY-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SURRY-4 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SURVEILLANCE
RT Physical Protection Devices
RT Safeguards
RT Security

Surveillance (Medical)
USE Preventive Medicine

Surveillance (Radioactivity)
USE Radiation Monitoring

Survey (Radioactivity)
USE Radiation Monitoring

SURVEY MONITORS [01]
BT1 Radiation Monitors
BT2 Measuring Instruments

SURVIVAL CURVES [01]
UF *Survival Fraction*
RT Biological Effects
RT Dose-Response Relationships
RT Lethal Irradiation
RT Mortality
RT Radiosensitivity

Survival Fraction
USE Survival Curves

SURVIVAL TIME [01]
RT Lethal Irradiation
RT Time Dependence

Susceptibility (Magnetic)
USE Magnetic Susceptibility

SUSPENSIONS [01]
BT1 Dispersions

NT1 Slurries
NT2 Fuel Slurries
RT Filters
RT Fluidized Bed
RT Turbidity

Suspensions (Fuel)
USE Fuel Slurries

SUSPOP REACTOR [01]
UF *Subcritical Suspension Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

SUSQUEHANNA-1 REACTOR [01]
UF *Susquehanna Steam Electric Station Unit-1*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SUSQUEHANNA-2 REACTOR [01]
UF *Susquehanna Steam Electric Station Unit-2*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

SUSQUEHANNA RIVER [01]
DA January 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Maryland
RT New York
RT Pennsylvania

Susquehanna Steam Electric Station Unit-1
USE Susquehanna-1 Reactor

Susquehanna Steam Electric Station Unit-2
USE Susquehanna-2 Reactor

SUYDAM CRITERION [01]
UF *Suydam Theory*
RT Plasma Instability

Suydam Theory
USE Suydam Criterion

Sv 40 Virus
USE Simian Virus

SW GROUPS [01]
DA April 1975
BT1 Lie Groups
BT2 Symmetry Groups
NT1 SW-3 Groups

SW-3 GROUPS [01]
DA April 1975
BT1 SW Groups
BT2 Lie Groups
BT3 Symmetry Groups

SWAGING [01]
BT1 Materials Working
BT2 Fabrication
RT Forging

SWAMPS [01]
DA July 1976
UF *Bogs*
BT1 Aquatic Ecosystems
BT2 Ecosystems
RT Marshes
RT Surface Waters

SWAZILAND [01]
DA April 1975
BT1 Africa

SWEAT [01]
UF *Transpiration (Animal)*
BT1 Biological Wastes
BT2 Biological Materials
BT2 Wastes
BT1 Body Fluids
BT2 Biological Materials
RT Excretion
RT Skin

Sweat Glands
USE Glands
AND Skin

SWEDEN [01]
BT1 Scandinavia
BT2 Europe

SWEDISH ORGANIZATIONS [01]
DA November 1976
BT1 National Organizations

Swedish Reactor R-0
USE R-0 Reactor

Swedish Reactor R-1
USE R-1 Reactor

Swedish Reactor R-2
USE R-2 Reactor

Swedish Reactor R2-0
USE R2-0 Reactor

SWEEP CIRCUITS [01]
BT1 Electronic Circuits
RT Timing Circuits

SWEETALLOY [01]
BT1 Nickel-Chromium Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Nickel Steels
BT3 Nickel Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

SWELLING [01]
RT Expansion
RT Thermal Expansion

SWESSAR STANDARD PLANT [01]
(Stone and Webster reference PWR nuclear power plant.)
DA May 1975
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants

Swierk Agata Reactor
DA April 1975
USE Agata Reactor

Swierk ANNA Reactor
DA April 1975
USE ANNA Reactor

Swierk EWA Reactor
DA April 1975
USE EWA Reactor

SWIERK LINAC [01]
BT1 Linear Accelerators
BT2 Accelerators

Swierk Maria Reactor
DA April 1975
USE Maria Reactor

SWIERK R-2 REACTOR [01]
UF *R-II Swierk Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors

Swierk Research Reactor Maryla
USE Maryla Reactor

Swimming
USE Exercise

Swimming Pool Reactors
USE Pool Type Reactors

Swimming Pool Tank Reactor Austria
USE ASTRA Reactor

SWIMMING POOLS
DA October 1975
BT1 Surface Waters

SWINE [01]
UF *Pigs*
BT1 Domestic Animals
BT2 Animals
BT1 Mammals
BT2 Vertebrates
BT3 Animals
NT1 Miniature Swine
RT Meat

SWIRL FLOW
DA November 1976
BT1 Fluid Flow
RT Combustion

Swiss Institute Nuclear Research Cyclotron
USE SIN Cyclotron

SWITCHES [01]
UF *Contactors*
UF *Electric Contactors*
UF *Electric Switches*
BT1 Electrical Equipment
BT2 Equipment
NT1 Semiconductor Switches
RT Bimetals
RT Circuit Breakers
RT Connectors
RT Electric Contacts
RT Electric Discharges
RT Electric Fuses
RT Equipment Protection Devices
RT Q-Switching
RT Relays
RT Switching Circuits

SWITCHING CIRCUITS [01]
BT1 Electronic Circuits
NT1 Transistor Switching Circuits
RT Circuit Breakers

RT Counting Circuits
RT Gating Circuits
RT Relays
RT Switches
RT Thyratrons
RT Thyristors

SWITCHING DIODES [01]
BT1 Semiconductor Diodes
BT2 Semiconductor Devices
RT Transistor Switching Circuits

SWITZERLAND [01]
BT1 Europe
RT Alps
RT Rhine River
RT Rhone River

SWORDFISH EVENT [01]
BT1 Atmospheric Explosions
BT2 Explosions
BT1 Dominic Project
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underwater Explosions
BT2 Explosions

SYCAMORES
DA March 1979
BT1 Trees
BT2 Plants

Sydsvenska Kraft AB Reactor 1
USE Barsebaeck-1 Reactor

Sydsvenska Kraft AB Reactor 2
DA July 1978
USE Barsebaeck-2 Reactor

SYMBIOSIS
DA May 1976
RT Biology
RT Ecology
RT Mycorrhizas
DEF The intimate living together of two organisms of different species, for mutual or one-sided benefit.

Symbolic Logic
DA November 1975
USE Mathematical Logic

SYMMETRY [01]
NT1 Axial Symmetry
NT1 Chiral Symmetry
NT1 Crossing Symmetry
NT1 Supersymmetry
NT1 Unitary Symmetry
RT Asymmetry
RT Configuration
RT Distribution
RT Invariance Principles
RT Orientation
RT Supergravity
RT Symmetry Breaking
RT Symmetry Groups

SYMMETRY BREAKING [01]
RT Symmetry
RT Symmetry Groups

SYMMETRY GROUPS [01]
NT1 Dynamical Groups
NT2 O Groups
NT1 Lie Groups
NT2 Conformal Groups
NT2 De Sitter Group
NT2 Graded Lie Groups
NT2 O Groups
NT2 Poincare Groups
NT3 Lorentz Groups
NT2 SL Groups
NT2 SO Groups
NT3 SO-2 Groups
NT3 SO-3 Groups
NT3 SO-4 Groups
NT2 Sp Groups
NT2 SU Groups
NT3 SU-2 Groups
NT3 SU-3 Groups
NT3 SU-4 Groups
NT3 SU-5 Groups
NT3 SU-6 Groups
NT3 SU-8 Groups
NT2 SW Groups
NT3 SW-3 Groups
NT2 U Groups
NT3 U-1 Groups
NT3 U-2 Groups
NT3 U-3 Groups
NT3 U-4 Groups
NT3 U-6 Groups
NT3 U-12 Groups
RT Casimir Operators
RT Current Algebra
RT Group Theory
RT Irreducible Representations
RT Nonunitary Representations
RT Symmetry
RT Symmetry Breaking

Sympathectomy
USE Autonomic Nervous System
AND Surgery

Sympathetic Nervous System
USE Autonomic Nervous System

SYMPATHOLYTICS [01]
BT1 Drugs
NT1 Ergotamine
RT Autonomic Nervous System

SYMPATHOMIMETICS [01]
BT1 Drugs
NT1 Adrenaline
NT1 Angiotensin
NT1 Benzedrine
NT1 Dopamine
NT1 Ephedrine
NT1 Noradrenaline
NT1 Serotonin
NT2 Mexamine
NT1 Tyramine
RT Autonomic Nervous System
RT Vasoconstriction
RT Vasodilation

Symplectic Groups
USE Sp Groups

Symposia
USE Meetings

SYMPTOMS [01]
NT1 Anemias
NT2 Ischemia
NT2 Megaloblastic Anemia
NT2 Thalassemia
NT1 Ascites
NT1 Constipation
NT1 Diarrhea
NT1 Edema
NT1 Erythema
NT1 Fever
NT1 Hemorrhage
NT1 Hypertension
NT1 Jaundice
NT1 Leukopenia
NT2 Lymphopenia
NT1 Nausea
NT1 Pain
NT1 Peritonitis
NT1 Splenomegaly
NT1 Uremia
NT1 Vomiting
RT Diagnosis
RT Diseases

SYNCHROCYCLOTRONS [01]
UF *Phasotrons*
BT1 Cyclic Accelerators
BT2 Accelerators
NT1 Berkeley Synchrocyclotron
NT1 CERN Synchrocyclotron
NT1 Chicago Synchrocyclotron
NT1 Dubna Synchrocyclotron
NT1 Goettingen Synchrocyclotron
NT1 Harvard Synchrocyclotron
NT1 Harwell Synchrocyclotron
NT1 IKO Synchrocyclotron
NT1 Leningrad Synchrocyclotron
NT1 McGill Synchrocyclotron
NT1 Uppsala Synchrocyclotron
RT Cyclotrons
RT Synchrotrons

SYNCHRONIZATION [01]
DA December 1976

SYNCHRONOUS CULTURES [01]
BT1 Cell Cultures
RT Antimetabolites
RT Cell Cycle

Synchrophasotrons
USE Synchrotrons

SYNCHROTRON OSCILLATIONS [01]
BT1 Beam Dynamics
BT1 Oscillations

SYNCHROTRON RADIATION [01]
UF *Bremsstrahlung (Magnetic)*
UF *Magnetic Bremsstrahlung*
BT1 Bremsstrahlung
BT2 Electromagnetic Radiation
BT3 Radiations
RT Cyclotron Radiation
RT NSLS
RT Synchrotron Radiation Sources

SYNCHROTRON RADIATION SOURCES
DA May 1979
BT1 Radiation Sources
NT1 NSLS
RT Light Sources
RT Synchrotron Radiation
RT X-Ray Sources

SYNCHROTRONS [01]
UF *Synchrophasotrons*
BT1 Cyclic Accelerators
BT2 Accelerators
NT1 Bevatron
NT1 Birmingham Synchrotron
NT1 Bonn Synchrotron
NT1 Brookhaven AGS
NT1 Caltech Synchrotron
NT1 Cambridge Electron Accelerator
NT1 CERN PS Synchrotron
NT1 CERN SPS Synchrotron
NT1 Cornell 2-GeV Synchrotron
NT1 Cornell 10-GeV Synchrotron
NT1 Cosmotron
NT1 DESY
NT1 Erevan Synchrotron
NT1 ESCAR
NT1 Fermilab Accelerator
NT1 FIAN Synchrotron
NT1 Frascati Synchrotron
NT1 Glasgow Synchrotron
NT1 IPNS-I
NT1 Itep Synchrotron
NT1 JINR Synchrotron
NT1 KEK Synchrotron
NT1 LUSY
NT1 MURA Synchrotron
NT1 Nimrod
NT1 Nina
NT1 NSLS
NT1 Omnitron
NT1 Orsay Synchrotron
NT1 Pakhra Synchrotron
NT1 Princeton Synchrotron
NT1 Saturne
NT1 Serpukhov Synchrotron
NT1 Tokyo Synchrotron
NT1 Tomsk Synchrotron
NT1 ZGS
RT Synchrocyclotrons

Syncrude
DA January 1975
USE Synthetic Petroleum

SYNERGISM [01]
RT Biochemistry
RT Biological Effects

RT Solvent Extraction

SYNGAMUS [01]
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
BT1 Parasites
RT Chickens
RT Mammals

Synovia
USE Bone Joints

SYNTANS
DA September 1976
RT Aromatics
RT Sulfonic Acids
DEF Any class of synthetic tanning materials that are sulfonated condensation products of aromatic compounds with formaldehyde or some other aldehyde.

SYNTHANE PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF U.S. Bureau of Mines process for producing intermediate- or high-Btu gas by reacting coal with steam and oxygen in a fluidized-bed gasifier at 1800°F and 500-1000 psi pressure.

SYNTHESIS [01]
UF *Formation*
NT1 Biosynthesis
NT1 Chemical Preparation
NT1 Hydrothermal Synthesis
NT1 Photosynthesis

SYNTHESIS GAS
DA January 1975
BT1 Gases
BT2 Fluids
RT Methanation
RT Segas Process
DEF A mixture of gases made specifically for use in a synthesis process.

Synthetases
USE Ligases

Synthetic Crude Oil
DA January 1975
USE Synthetic Petroleum

SYNTHETIC FUELS [01]
DA January 1975
SF *Alternate Fuels*
BT1 Fuels
NT1 Alcohol Fuels
NT1 Hydrogen Fuels
NT1 Pyrolytic Oils
NT1 Synthetic Petroleum
NT2 Shale Oil
NT3 Shale Oil Fractions
RT Aerobic Digestion
RT Anaerobic Digestion
RT Autotrophs
RT Coal Gasification
RT Coal Liquefaction
RT CRG Processes
RT Fuel Gas
RT Gasohol Program
RT M-Gas Process
RT Mobil M-gasoline Process
RT Pyrolysis Products
RT Pyrolytic Gases
RT Refuse Derived Fuels
RT Synthetic Fuels Industry

SYNTHETIC FUELS INDUSTRY
DA October 1976
BT1 Industry
RT Synthetic Fuels

Synthetic Natural Gas
DA January 1975
USE High BTU Gas

SYNTHETIC PETROLEUM
DA January 1975
UF *Syncrude*
UF *Synthetic Crude Oil*
BT1 Synthetic Fuels
BT2 Fuels
NT1 Shale Oil
NT2 Shale Oil Fractions

Synthine Process
DA May 1975
USE Fischer-Tropsch Synthesis

SYNTHOIL PROCESS
DA May 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF U.S. Bureau of Mines process for converting coal to fuel oil by feeding coal slurry into a fixed-bed catalytic reactor with turbulently flowing hydrogen. The operating conditions are 2000 to 4000 psig and the coal is liquefied and desulfurized.

SYNTHOL PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF A reaction of CO and hydrogen with an iron and sodium carbonate catalyst to produce synthetic gasoline.

SYPHILIS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Spirochaetes

SYRIA [01]
BT1 Asia
BT1 Middle East

Syrian Hamster
USE Hamsters

SYSTEM FAILURE ANALYSIS [01]
DA June 1975
BT1 Systems Analysis
NT1 Failure Mode Analysis
NT1 Fault Tree Analysis
DEF Techniques for analysing the events leading to, or following from, a potential, or actual, system failure.

SYSTEMS ANALYSIS [01]
(Used in the fields of technology research and management for problems such as the calculation of failure probabilities and for reliability studies of systems and components.)
DA January 1975
NT1 System Failure Analysis
NT2 Failure Mode Analysis
NT2 Fault Tree Analysis
RT Control Systems
RT Energy Analysis
RT Failures
RT NCSR
RT Reactor Protection Systems
RT Reactor Safety
RT Reliability
RT Safety Engineering
RT Simulation
RT Statistical Models
RT Statistics

SZILARD-CHALMERS REACTION [01]
BT1 Hot Atom Chemistry
BT2 Radiochemistry
BT3 Chemistry

SZR TYPE REACTORS [01]
UF *Sodium Cooled Zirconium Hydride Moderated Reactors*
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Liquid Metal Cooled Reactors
BT2 Reactors
NT1 KNK Reactor
NT1 KNK-2 Reactor
RT Hydride Moderators
RT Power Reactors

T CHANNEL [01]
RT Mandelstam Representation
RT Particle Interactions
RT S Channel
RT U Channel

T CODES [01]
BT1 Computer Codes

T3 Hormone
DA September 1975
USE Triiodothyronine

T4 Hormone
DA September 1975
USE Thyroxine

T INVARIANCE [01]
UF *Time-Reversal Invariance*
BT1 Invariance Principles
NT1 Detailed Balance Principle

T Matrix
USE S Matrix

T-2200 RESONANCES [01]
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

T TAURI STARS [01]
BT1 Eruptive Variable Stars
BT2 Variable Stars
BT3 Stars

TABAKIN POTENTIAL [01]
BT1 Potentials
RT Nuclear Potential
RT Nucleon-Nucleon Potential
RT Nucleons

TABLE MOUNTAIN AREA [01]
BT1 South Dakota
BT2 Rocky Mountain Region
BT3 USA
BT4 North America

TABLES [01]
(Use only for significant tables of data.)
BT1 Data Forms
RT Information Needs

TACHYONS [01]
BT1 Postulated Particles
BT2 Elementary Particles
DEF Hypothesized particles that travel faster than the velocity of light; they have an imaginary rest mass.

Tadpoles
USE Amphibians
AND Larvae

TAGGED PHOTON METHOD [01]
BT1 Coincidence Methods
BT2 Counting Techniques
RT Bremsstrahlung
RT Photons

RT Polarization

TAILINGS
DA May 1979
BT1 Solid Wastes
BT2 Wastes
NT1 Mill Tailings

TAIWAN
DA January 1975
UF *Formosa*
UF *Republic of China*
BT1 Asia
RT China

TAIWAN RESEARCH REACTOR [01]
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TAKAHAMA-1 REACTOR [01]
UF *Kansai-3 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TAKAHAMA-2 REACTOR [01]
UF *Kansai-4 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TAKAHAX PROCESS
DA January 1975
RT Desulfurization
DEF Process for removal of up to 99.9% of H_2S from gas streams particularly those with low initial H_2S concentration and/or high CO_2/H_2S ratios.

TAKENOYU GEOTHERMAL FIELD
DA August 1977
BT1 Geothermal Fields
RT Japan

TAKINOUE GEOTHERMAL FIELD
DA April 1978
BT1 Geothermal Fields
[redacted] Hachimantai
Japan

TALC [01]
BT1 Magnesium Silicates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

TALMI INTEGRALS [01]
BT1 Integrals
RT Shell Models

TALSPEAK PROCESS [01]
DA August 1978
BT1 Separation Processes
RT Solvent Extraction

TAMM-DANCOFF METHOD [01]
RT Quantum Mechanics

TAN
DA May 1975
UF *Tetramethyl-4-piperidone-N-Oxyl*
UF *Triacetoneamine-N-Oxyl*
BT1 Ketones
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Piperidines
BT2 Amines
BT3 Organic Compounds
BT2 Pyridines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Radiosensitizers
BT2 Drugs
BT2 Response Modifying Factors

Tandem Accelerators
USE Van de Graaff Accelerators

TANDEM ELECTROSTATIC ACCELERATORS
(Prior to February 1979,information was indexed to Van de Graaff Accelerators.)
DA August 1979
BT1 Electrostatic Accelerators
BT2 Accelerators
NT1 CRNL Mp Tandem Accelerator
NT1 Learn Tandem Accelerator
NT1 Orsay Tandem Accelerator
RT Dynamitrons
RT Pelletrons
RT Van de Graaff Accelerators

TANK CIRCUITS [01]
BT1 Electronic Circuits
RT Stored Energy

Tank Type Critical Assembly
USE TCA Reactor

TANK TYPE REACTORS [01]
BT1 Reactors
NT1 AARR Reactor
NT1 AEG Nullenergie Reactor
NT1 ALRR Reactor
NT1 AQUILON Reactor
NT1 ATR Reactor
NT1 ATSR Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 BR-1 Reactor
NT1 BR-02 Reactor
NT1 BR-2 Reactor
NT1 BR-3-VN Reactor
NT1 Cirus Reactor
NT1 CP-3M Reactor
NT1 CP-3 Reactor
NT1 CP-5 Reactor
NT1 Daphne Reactor
NT1 DCA Reactor
NT1 Dido Reactor
NT1 Diorit Reactor
NT1 DMTR Reactor
NT1 DR-3 Reactor
NT1 ECO Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 EL-3 Reactor
NT1 EOCR Reactor
NT1 EOLE Reactor
NT1 ESADA-VESR Reactor
NT1 ESSOR Reactor
NT1 ETR Reactor
NT1 EWA Reactor
NT1 FIR-1 Reactor
NT1 FR-2 Reactor
NT1 FRJ-2 Reactor
NT1 GETR Reactor
NT1 Grenoble Reactor
NT1 GTRR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 HBWR Reactor
NT1 HFBR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 HIFAR Reactor
NT1 HWCTR Reactor
NT1 IRR-2 Reactor
NT1 Ispra-1 Reactor
NT1 JANUS Reactor
NT1 JEEP-1 Reactor
NT1 JEEP-2 Reactor
NT1 JMTR Reactor
NT1 JRR-2 Reactor
NT1 JRR-3 Reactor
NT1 Juno Reactor
NT1 LITR Reactor
NT1 Loft Reactor
NT1 LPTR Reactor
NT1 Manhattan College Reactor
NT1 MIR Reactor
NT1 MITR Reactor
NT1 MRR Reactor
NT1 MTR Reactor
NT1 MUR Reactor
NT1 MURR Reactor
NT1 NBSR Reactor
NT1 NETR Reactor
NT1 Nora Reactor
NT1 NRU Reactor
NT1 NRX Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NTR Reactor
NT1 Nuclear Furnace Reactor
NT1 OCF Reactor
NT1 ORR Reactor
NT1 Osiris Reactor
NT1 OWR Reactor
NT1 PBF Reactor
NT1 PBR Reactor
NT1 Pegase Reactor
NT1 Pelinduna Reactor
NT1 Pluto Reactor
NT1 PRCF Reactor
NT1 PRR Reactor
NT1 PSE Reactor
NT1 R-A Reactor
NT1 R-0 Reactor
NT1 R-1 Reactor
NT1 R-2 Reactor
NT1 RA-0 Reactor
NT1 RA-2 Reactor
NT1 RA-3 Reactor
NT1 RA-5 Reactor
NT1 RAKE-2 Reactor
NT1 RB-3 Reactor
NT1 ROSPO Reactor
NT1 RPT Reactor
NT1 Safari-1 Reactor
NT1 SCA Reactor
NT1 SERF Reactor
NT1 SM-2 Reactor
NT1 SPERT-1 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SR-OA Reactor
NT1 SR-1 Reactor
NT1 Taiwan Research Reactor
NT1 TCA Reactor
NT1 Thermos Reactor
NT1 TR Reactor
NT1 TSR-1 Reactor

NT1 TTR-2 Reactor
NT1 Venus Reactor
NT1 WR-1 Reactor
NT1 WTR Reactor
*NT1 WWR Type Reactors
NT1 ZED-2 Reactor
NT1 ZEEP Reactor
NT1 ZPR Reactor

TANKER SHIPS
DA March 1976
UF *Crude Carriers*
UF *Supertankers*
UF *ULCC*
UF *VLCC*
BT1 Ships
RT Lightering
RT Petroleum
RT Transport

TANKS [01]
BT1 Containers
NT1 Accumulators
RT Hydrogen Storage
RT Liners
RT Sensible Heat Storage

TANNIC ACID [01]
UF *Digallic Acid*
UF *Gallotannic Acid*
UF *Tannin*
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds

Tannin
USE Tannic Acid

TANTALATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds
RT Tantalum Oxides

TANTALITE [01]
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Manganese Oxides
BT2 Manganese Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
BT1 Tantalum Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tantalum Compounds
BT3 Transition Element Compounds

TANTALUM [01]
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements

TANTALUM 166 [01]
DA June 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 167 [01]
DA April 1976
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 168 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 169 [01]
DA August 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 170 [01]
DA January 1975
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 171 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 172 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 173 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 174 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 175 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 176 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 177 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 178 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 179 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TANTALUM 180 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 181 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tantalum Isotopes

TANTALUM 182 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 183 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 184 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 185 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM 186 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Tantalum Isotopes

TANTALUM ADDITIONS [01]
BT1 Tantalum Alloys
BT2 Alloys
NT1 Alloy-N-155
NT1 Alloy-N-10M
NT1 Steel-DIN-1-4981

TANTALUM ALLOY-T111 [01]
BT1 Tantalum Base Alloys
BT2 Tantalum Alloys
BT3 Alloys

TANTALUM ALLOY-T222 [01]
BT1 Tantalum Base Alloys
BT2 Tantalum Alloys
BT3 Alloys

TANTALUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-1900
NT1 Alloy-C-103
NT1 Alloy-FS-85
NT1 Alloy-HS-25
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-S-816
NT1 Alloy-V-36
NT1 Carboloy
NT1 Inconel 82
NT1 Inconel 625
NT1 Inconel 738
NT1 Tantalum Additions
NT2 Alloy-N-155
NT2 Alloy-N-10M
NT2 Steel-DIN-1-4981
NT1 Tantalum Base Alloys
NT2 Alloy-TA-10V
NT2 Astar 811C
NT2 Tantalum Alloy-T111
NT2 Tantalum Alloy-T222

TANTALUM BASE ALLOYS [01]
BT1 Tantalum Alloys
BT2 Alloys
NT1 Alloy-TA-10V
NT1 Astar 811C
NT1 Tantalum Alloy-T111
NT1 Tantalum Alloy-T222

TANTALUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

TANTALUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Tantalates
NT1 Tantalum Borides
NT1 Tantalum Bromides
NT1 Tantalum Carbides
NT1 Tantalum Chlorides
NT1 Tantalum Fluorides
NT1 Tantalum Hydrides
NT1 Tantalum Hydroxides
NT1 Tantalum Iodides
NT1 Tantalum Nitrides
NT1 Tantalum Oxides
NT2 Hatchettolite
NT2 Tantalite
NT2 Tapiolite
NT1 Tantalum Phosphates
NT1 Tantalum Phosphides
NT1 Tantalum Selenides
NT1 Tantalum Silicates
NT1 Tantalum Silicides
NT1 Tantalum Sulfates
NT1 Tantalum Sulfides
NT1 Tantalum Tellurides
NT1 Tantalum Tungstates

TANTALUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM IONS [01]
BT1 Atomic Ions

BT2 Ions
BT3 Charged Particles

TANTALUM ISOTOPES [01]
NT1 Tantalum 166
NT1 Tantalum 167
NT1 Tantalum 168
NT1 Tantalum 169
NT1 Tantalum 170
NT1 Tantalum 171
NT1 Tantalum 172
NT1 Tantalum 173
NT1 Tantalum 174
NT1 Tantalum 175
NT1 Tantalum 176
NT1 Tantalum 177
NT1 Tantalum 178
NT1 Tantalum 179
NT1 Tantalum 180
NT1 Tantalum 181
NT1 Tantalum 182
NT1 Tantalum 183
NT1 Tantalum 184
NT1 Tantalum 185
NT1 Tantalum 186

TANTALUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM ORES [01]
BT1 Ores

TANTALUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds
NT1 Hatchettolite
NT1 Tantalite
NT1 Tapiolite
RT Tantalates

TANTALUM PHOSPHATES
DA June 1975
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM PHOSPHIDES
DA September 1976
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM SILICATES
DA March 1979
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM SILICIDES [01]
DA January 1975
BT1 Silicides
BT2 Silicon Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM SULFATES
DA June 1975
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Tantalum Compounds
BT2 Transition Element Compounds

TANTALUM 180 TARGET [01]
DA July 1976
BT1 Targets

TANTALUM 181 TARGET [01]
DA July 1976
BT1 Targets

TANTALUM 182 TARGET [01]
DA November 1976
BT1 Targets

TANTALUM TELLURIDES
DA November 1975
BT1 Tantalum Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

TANTALUM TUNGSTATES
DA April 1976
BT1 Tantalum Compounds
BT2 Transition Element Compounds
BT1 Tungstates

TANZANIA [01]
BT1 Africa

Tapeworms
USE Cestodes

TAPIOLITE [01]
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
BT1 Niobium Oxides
BT2 Niobium Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Tantalum Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tantalum Compounds
BT3 Transition Element Compounds

TAPIRO REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

TAR [01]
BT1 Other Organic Compounds
BT2 Organic Compounds
NT1 Bitumens
NT2 Asphalts
NT3 Asphaltenes
NT2 Blown Bitumens
NT2 Carburan
NT2 Thucholite
NT1 Coal Tar
NT1 Shale Tar
RT Pitches

Tar Sand Oil
DA July 1976
USE Bitumens

Tar Sand Tailings
DA June 1975
USE Oil Sand Tailings

TAR SAND TRIANGLE DEPOSIT
DA May 1977
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Oil Sands
RT Utah

Tar Sands
DA February 1975
USE Oil Sands

TARAPUR-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TARAPUR-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TARGET CHAMBERS [01]
BT1 Accelerator Facilities
RT Accelerators
RT Targets

TARGETS [01]
NT1 Actinium 227 Target
NT1 Aluminium 25 Target
NT1 Aluminium 27 Target
NT1 Aluminium 28 Target
NT1 Americium 241 Target
NT1 Americium 242 Target
NT1 Americium 243 Target
NT1 Antimony 120 Target
NT1 Antimony 121 Target
NT1 Antimony 123 Target
NT1 Antimony 127 Target
NT1 Argon 36 Target
NT1 Argon 37 Target
NT1 Argon 38 Target
NT1 Argon 40 Target
NT1 Arsenic 75 Target
NT1 Astatine 212 Target
NT1 Barium 127 Target
NT1 Barium 130 Target
NT1 Barium 134 Target
NT1 Barium 135 Target
NT1 Barium 136 Target
NT1 Barium 137 Target
NT1 Barium 138 Target
NT1 Barium 139 Target
NT1 Berkelium 249 Target
NT1 Beryllium 6 Target
NT1 Beryllium 7 Target
NT1 Beryllium 8 Target
NT1 Beryllium 9 Target
NT1 Beryllium 10 Target
NT1 Bismuth 207 Target
NT1 Bismuth 208 Target
NT1 Bismuth 209 Target
NT1 Bismuth 210 Target
NT1 Boron 10 Target
NT1 Boron 11 Target
NT1 Boron 12 Target
NT1 Boron 13 Target
NT1 Bromine 76 Target
NT1 Bromine 79 Target
NT1 Bromine 81 Target

NT1 Cadmium 106 Target
NT1 Cadmium 108 Target
NT1 Cadmium 109 Target
NT1 Cadmium 110 Target
NT1 Cadmium 111 Target
NT1 Cadmium 112 Target
NT1 Cadmium 113 Target
NT1 Cadmium 114 Target
NT1 Cadmium 116 Target
NT1 Calcium 40 Target
NT1 Calcium 41 Target
NT1 Calcium 42 Target
NT1 Calcium 43 Target
NT1 Calcium 44 Target
NT1 Calcium 46 Target
NT1 Calcium 48 Target
NT1 Californium 244 Target
NT1 Californium 249 Target
NT1 Californium 250 Target
NT1 Californium 251 Target
NT1 Californium 252 Target
NT1 Californium 254 Target
NT1 Carbon 11 Target
NT1 Carbon 12 Target
NT1 Carbon 13 Target
NT1 Carbon 14 Target
NT1 Carbon 16 Target
NT1 Cerium 136 Target
NT1 Cerium 138 Target
NT1 Cerium 140 Target
NT1 Cerium 141 Target
NT1 Cerium 142 Target
NT1 Cesium 132 Target
NT1 Cesium 133 Target
NT1 Chlorine 35 Target
NT1 Chlorine 37 Target
NT1 Chromium 50 Target
NT1 Chromium 52 Target
NT1 Chromium 53 Target
NT1 Chromium 54 Target
NT1 Cobalt 57 Target
NT1 Cobalt 58 Target
NT1 Cobalt 59 Target
NT1 Cobalt 60 Target
NT1 Copper 61 Target
NT1 Copper 63 Target
NT1 Copper 64 Target
NT1 Copper 65 Target
NT1 Curium 242 Target
NT1 Curium 243 Target
NT1 Curium 244 Target
NT1 Curium 245 Target
NT1 Curium 246 Target
NT1 Curium 247 Target
NT1 Curium 248 Target
NT1 Curium 250 Target
NT1 Deuterium Target
NT1 Dysprosium 154 Target
NT1 Dysprosium 156 Target
NT1 Dysprosium 158 Target
NT1 Dysprosium 160 Target
NT1 Dysprosium 161 Target
NT1 Dysprosium 162 Target
NT1 Dysprosium 163 Target
NT1 Dysprosium 164 Target
NT1 Einsteinium 253 Target
NT1 Einsteinium 254 Target
NT1 Einsteinium 255 Target
NT1 Electron Beam Targets
NT1 Erbium 162 Target
NT1 Erbium 163 Target
NT1 Erbium 164 Target
NT1 Erbium 165 Target
NT1 Erbium 166 Target
NT1 Erbium 167 Target
NT1 Erbium 168 Target
NT1 Erbium 170 Target
NT1 Europium 151 Target
NT1 Europium 152 Target
NT1 Europium 153 Target
NT1 Europium 154 Target
NT1 Fermium 254 Target
NT1 Fermium 255 Target
NT1 Fermium 257 Target
NT1 Fluorine 16 Target
NT1 Fluorine 18 Target
NT1 Fluorine 19 Target
NT1 Gadolinium 142 Target
NT1 Gadolinium 152 Target
NT1 Gadolinium 154 Target
NT1 Gadolinium 155 Target
NT1 Gadolinium 156 Target
NT1 Gadolinium 157 Target
NT1 Gadolinium 158 Target
NT1 Gadolinium 159 Target
NT1 Gadolinium 160 Target
NT1 Gallium 65 Target
NT1 Gallium 67 Target
NT1 Gallium 69 Target
NT1 Gallium 71 Target
NT1 Germanium 70 Target
NT1 Germanium 71 Target
NT1 Germanium 72 Target
NT1 Germanium 73 Target
NT1 Germanium 74 Target
NT1 Germanium 75 Target
NT1 Germanium 76 Target
NT1 Gold 187 Target
NT1 Gold 193 Target
NT1 Gold 194 Target
NT1 Gold 195 Target
NT1 Gold 196 Target
NT1 Gold 197 Target
NT1 Gold 198 Target
NT1 Gold 199 Target
NT1 Hafnium 174 Target
NT1 Hafnium 176 Target
NT1 Hafnium 177 Target
NT1 Hafnium 178 Target
NT1 Hafnium 179 Target
NT1 Hafnium 180 Target
NT1 Helium 3 Target
NT1 Helium 4 Target
NT1 Helium 6 Target
NT1 Holmium 165 Target
NT1 Hydrogen 1 Target
NT1 Indium 110 Target
NT1 Indium 113 Target
NT1 Indium 115 Target
NT1 Iodine 127 Target
NT1 Iodine 129 Target
NT1 Ion Beam Targets
NT1 Iridium 189 Target
NT1 Iridium 190 Target
NT1 Iridium 191 Target
NT1 Iridium 193 Target
NT1 Iron 54 Target
NT1 Iron 55 Target
NT1 Iron 56 Target
NT1 Iron 57 Target
NT1 Iron 58 Target
NT1 Krypton 78 Target
NT1 Krypton 80 Target
NT1 Krypton 82 Target
NT1 Krypton 83 Target
NT1 Krypton 84 Target
NT1 Krypton 85 Target
NT1 Krypton 86 Target
NT1 Lanthanum 139 Target
NT1 Laser Targets
NT1 Lead 202 Target
NT1 Lead 204 Target
NT1 Lead 205 Target
NT1 Lead 206 Target
NT1 Lead 207 Target
NT1 Lead 208 Target
NT1 Lead 209 Target
NT1 Lead 210 Target
NT1 Lithium 6 Target
NT1 Lithium 7 Target
NT1 Lithium 9 Target
NT1 Lutetium 174 Target
NT1 Lutetium 175 Target
NT1 Lutetium 176 Target
NT1 Magnesium 23 Target
NT1 Magnesium 24 Target
NT1 Magnesium 25 Target
NT1 Magnesium 26 Target
NT1 Magnesium 27 Target
NT1 Manganese 51 Target
NT1 Manganese 52 Target
NT1 Manganese 53 Target
NT1 Manganese 54 Target
NT1 Manganese 55 Target
NT1 Mercury 198 Target
NT1 Mercury 199 Target
NT1 Mercury 200 Target
NT1 Mercury 201 Target
NT1 Mercury 202 Target
NT1 Mercury 204 Target
NT1 Molybdenum 92 Target
NT1 Molybdenum 94 Target
NT1 Molybdenum 95 Target
NT1 Molybdenum 96 Target
NT1 Molybdenum 97 target
NT1 Molybdenum 98 Target
NT1 Molybdenum 100 Target
NT1 Neodymium 142 Target
NT1 Neodymium 143 Target
NT1 Neodymium 144 Target
NT1 Neodymium 145 Target
NT1 Neodymium 146 Target
NT1 Neodymium 148 Target
NT1 Neodymium 150 Target
NT1 Neon 20 Target
NT1 Neon 21 Target
NT1 Neon 22 Target
NT1 Neptunium 232 Target
NT1 Neptunium 237 Target
NT1 Neptunium 238 Target
NT1 Neptunium 239 Target
NT1 Nickel 57 Target
NT1 Nickel 58 Target
NT1 Nickel 59 Target
NT1 Nickel 60 Target
NT1 Nickel 61 Target
NT1 Nickel 62 Target
NT1 Nickel 64 Target
NT1 Niobium 91 Target
NT1 Niobium 93 Target
NT1 Niobium 94 Target
NT1 Niobium 95 Target
NT1 Niobium 96 Target
NT1 Nitrogen 12 Target
NT1 Nitrogen 13 Target
NT1 Nitrogen 14 Target
NT1 Nitrogen 15 Target
NT1 Nitrogen 16 Target
NT1 Osmium 184 Target
NT1 Osmium 186 Target
NT1 Osmium 187 Target
NT1 Osmium 188 Target
NT1 Osmium 189 Target
NT1 Osmium 190 Target
NT1 Osmium 191 Target
NT1 Osmium 192 Target
NT1 Oxygen 15 Target
NT1 Oxygen 16 Target
NT1 Oxygen 17 Target
NT1 Oxygen 18 Target
NT1 Palladium 102 Target
NT1 Palladium 104 Target
NT1 Palladium 105 Target
NT1 Palladium 106 Target
NT1 Palladium 107 Target
NT1 Palladium 108 Target
NT1 Palladium 110 Target
NT1 Palladium 118 Target
NT1 Phosphorus 31 Target
NT1 Phosphorus 32 Target
NT1 Platinum 192 Target
NT1 Platinum 194 Target
NT1 Platinum 195 Target
NT1 Platinum 196 Target
NT1 Platinum 198 Target
NT1 Platinum 235 Target
NT1 Plutonium 235 Target
NT1 Plutonium 236 Target
NT1 Plutonium 237 Target
NT1 Plutonium 238 Target
NT1 Plutonium 239 Target
NT1 Plutonium 240 Target
NT1 Plutonium 241 Target
NT1 Plutonium 242 Target
NT1 Plutonium 243 Target
NT1 Plutonium 244 Target
NT1 Polarized Targets
NT1 Polonium 210 Target
NT1 Potassium 39 Target
NT1 Potassium 40 Target
NT1 Potassium 41 Target
NT1 Praseodymium 141 Target
NT1 Promethium 149 Target
NT1 Protactinium 231 Target

NT1 Radium 226 Target
NT1 Rhenium 184 Target
NT1 Rhenium 185 Target
NT1 Rhenium 186 Target
NT1 Rhenium 187 Target
NT1 Rhodium 96 Target
NT1 Rhodium 103 Target
NT1 Rubidium 84 Target
NT1 Rubidium 85 Target
NT1 Rubidium 87 Target
NT1 Ruthenium 96 Target
NT1 Ruthenium 98 Target
NT1 Ruthenium 99 Target
NT1 Ruthenium 100 Target
NT1 Ruthenium 101 Target
NT1 Ruthenium 102 Target
NT1 Ruthenium 104 Target
NT1 Samarium 144 Target
NT1 Samarium 145 Target
NT1 Samarium 146 Target
NT1 Samarium 147 Target
NT1 Samarium 148 Target
NT1 Samarium 149 Target
NT1 Samarium 150 Target
NT1 Samarium 151 Target
NT1 Samarium 152 Target
NT1 Samarium 154 Target
NT1 Scandium 45 Target
NT1 Scandium 47 Target
NT1 Selenium 72 Target
NT1 Selenium 74 Target
NT1 Selenium 76 Target
NT1 Selenium 77 Target
NT1 Selenium 78 Target
NT1 Selenium 80 Target
NT1 Selenium 82 Target
NT1 Silicon 28 Target
NT1 Silicon 29 Target
NT1 Silicon 30 Target
NT1 Silver 107 Target
NT1 Silver 108 Target
NT1 Silver 109 Target
NT1 Sodium 22 Target
NT1 Sodium 23 Target
NT1 Strontium 84 Target
NT1 Strontium 86 Target
NT1 Strontium 87 Target
NT1 Strontium 88 Target
NT1 Strontium 90 Target
NT1 Sulfur 32 Target
NT1 Sulfur 33 Target
NT1 Sulfur 34 Target
NT1 Sulfur 36 Target
NT1 Tantalum 180 Target
NT1 Tantalum 181 Target
NT1 Tantalum 182 Target
NT1 Technetium 99 Target
NT1 Tellurium 119 Target
NT1 Tellurium 120 Target
NT1 Tellurium 122 Target
NT1 Tellurium 123 Target
NT1 Tellurium 124 Target
NT1 Tellurium 125 Target
NT1 Tellurium 126 Target
NT1 Tellurium 128 Target
NT1 Tellurium 130 Target
NT1 Terbium 159 Target
NT1 Terbium 160 Target
NT1 Thallium 203 Target
NT1 Thallium 205 Target
NT1 Thorium 229 Target
NT1 Thorium 230 Target
NT1 Thorium 231 Target
NT1 Thorium 232 Target
NT1 Thorium 233 Target
NT1 Thorium 239 Target
NT1 Thulium 169 Target
NT1 Tin 112 Target
NT1 Tin 114 Target
NT1 Tin 115 Target
NT1 Tin 116 Target
NT1 Tin 117 Target
NT1 Tin 118 Target
NT1 Tin 119 Target
NT1 Tin 120 Target
NT1 Tin 122 Target
NT1 Tin 124 Target
NT1 Titanium 44 Target
NT1 Titanium 45 Target
NT1 Titanium 46 Target
NT1 Titanium 47 Target
NT1 Titanium 48 Target
NT1 Titanium 49 Target
NT1 Titanium 50 Target
NT1 Tritium Target
NT1 Tungsten 180 Target
NT1 Tungsten 182 Target
NT1 Tungsten 183 Target
NT1 Tungsten 184 Target
NT1 Tungsten 186 Target
NT1 Uranium 232 Target
NT1 Uranium 233 Target
NT1 Uranium 234 Target
NT1 Uranium 235 Target
NT1 Uranium 236 Target
NT1 Uranium 237 Target
NT1 Uranium 238 Target
NT1 Uranium 239 Target
NT1 Uranium 240 Target
NT1 Vanadium 48 Target
NT1 Vanadium 49 Target
NT1 Vanadium 50 Target
NT1 Vanadium 51 Target
NT1 Xenon 123 Target
NT1 Xenon 124 Target
NT1 Xenon 125 Target
NT1 Xenon 126 Target
NT1 Xenon 127 Target
NT1 Xenon 128 Target
NT1 Xenon 130 Target
NT1 Xenon 131 Target
NT1 Xenon 132 Target
NT1 Xenon 134 Target
NT1 Xenon 136 Target
NT1 Ytterbium 168 Target
NT1 Ytterbium 170 Target
NT1 Ytterbium 171 Target
NT1 Ytterbium 172 Target
NT1 Ytterbium 173 Target
NT1 Ytterbium 174 Target
NT1 Ytterbium 176 Target
NT1 Yttrium 87 Target
NT1 Yttrium 88 Target
NT1 Yttrium 89 Target
NT1 Zinc 64 Target
NT1 Zinc 66 Target
NT1 Zinc 67 Target
NT1 Zinc 68 Target
NT1 Zinc 70 Target
NT1 Zirconium 90 Target
NT1 Zirconium 91 Target
NT1 Zirconium 92 Target
NT1 Zirconium 94 Target
NT1 Zirconium 96 Target
RT Analyzing Power
RT Nuclear Reactions
RT Polarization-Asymmetry Ratio
RT Scattering
RT Target Chambers

TARIFFS
DA June 1978
UF *Import Taxes*
RT Exports
RT Imports
RT Taxes
RT Trade

TARTARIC ACID [01]
UF *Dihydroxysuccinic Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Rochelle Salt

TARTARIC ACID ESTERS [01]
BT1 Carboxylic Acid Esters
BT2 Esters
BT3 Organic Compounds

TARTRATES [01]
BT1 Carboxylic Acid Salts
NT1 Rochelle Salt

TASMAN SEA
DA April 1977
BT1 Seas
BT2 Surface Waters
RT Australia
RT New Zealand

TASMANIA [01]
BT1 Australia
BT2 Australasia

TASTE BUDS [01]
BT1 Sense Organs
BT2 Organs
BT3 Body
RT Flavor

TASTE PARTICLES [01]
DA October 1978
BT1 Postulated Particles
BT2 Elementary Particles
RT Color Model
RT Hadrons
RT Hypercharge
RT Quarks
RT SU-3 Groups

TATB
DA August 1975
UF *1,3,5-Triamino-2,4,6-Trinitrobenzene*
BT1 Chemical Explosives
BT2 Explosives

Tau Leptons
DA May 1979
USE Tau Particles

TAU NEUTRINOS [01]
DA February 1978
BT1 Heavy Leptons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Postulated Particles
BT3 Elementary Particles
BT1 Neutrinos
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Massless Particles
BT3 Elementary Particles

TAU PARTICLES [01]
DA February 1978
UF *Tau Leptons*
UF *Tauons*
BT1 Heavy Leptons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
BT2 Postulated Particles
BT3 Elementary Particles
DEF Possible new lepton at about 1.9 GeV.

Tauons
DA August 1978
USE Tau Particles

TAURINE [01]
UF *Aminoethanesulfonic Acid*
BT1 Amines
BT2 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

Tax Credits
DA December 1976
USE Financial Incentives

TAX LAWS
DA March 1978
BT1 Laws

TAXES [01]
DA January 1975
RT Charges
RT Depletion Allowances
RT Economics
RT Financial Incentives

RT Tariffs
RT Trade

TAXONOMY [01]
DA January 1975
BT1 Biology

TBP [01]
UF *Tributyl Phosphate*
BT1 Butyl Phosphates
BT2 Phosphoric Acid Esters
BT3 Esters
BT4 Organic Compounds
BT3 Organic Phosphorus Compounds
BT4 Organic Compounds

TBPO [01]
UF *Tributylphosphine Oxide*
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds

TCA REACTOR [01]
UF *Tank Type Critical Assembly*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

TCP [01]
UF *Tricresyl Phosphates*
BT1 Phosphoric Acid Esters
BT2 Esters
BT3 Organic Compounds
BT2 Organic Phosphorus Compounds
BT3 Organic Compounds

TCT
DA November 1975
USE Two-Component Torus

TD-NICKEL [01]
(Ni-ThO2 dispersion.)
UF *Nickel-Thorium Oxide Dispersions*
BT1 Cermets
BT2 Composite Materials
BT1 Dispersions
RT Nickel
RT Thorium Oxides

TD-NICKEL CHROMIUM [01]
(Ni-Cr-ThO2 dispersion.)
UF *Nickel Chromium-Td*
BT1 Cermets
BT2 Composite Materials
BT1 Chromium Alloys
BT2 Alloys
BT1 Dispersions
BT1 Nickel Alloys
BT2 Alloys
RT Thorium Oxides

TDA [01]
UF *Decylamine-tris*
BT1 Amines
BT2 Organic Compounds
BT1 Chelating Agents

Tea
USE Beverages

TEA LEAVES [01]
BT1 Leaves
RT Beverages

TEAB [01]
UF *Tetraethylammonium Bromide*
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Quaternary Compounds
BT2 Amines
BT3 Organic Compounds
BT2 Ammonium Compounds

TEAK EVENT [01]
BT1 Atmospheric Explosions
BT2 Explosions
BT1 Nuclear Explosions
BT2 Explosions

Teal Oil
USE Sesame Oil

TEAPOT PROJECT [01]
RT Nuclear Weapons

TEARING INSTABILITY [01]
DA September 1978
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability

TECHNETATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds
RT Technetium Oxides

TECHNETIUM [01]
UF *Masurium*
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements

TECHNETIUM 90 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Technetium Isotopes

TECHNETIUM 91 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 92 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 93 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 94 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 95 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 96 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 97 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TECHNETIUM 98 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TECHNETIUM 99 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TECHNETIUM 100 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Technetium Isotopes

TECHNETIUM 101 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 102 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Technetium Isotopes

TECHNETIUM 103 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Technetium Isotopes

TECHNETIUM 104 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 105 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 106 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 107 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 108 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Technetium Isotopes

TECHNETIUM 109 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM 110 [01]
DA January 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Technetium Isotopes

TECHNETIUM ADDITIONS [01]
BT1 Technetium Alloys
BT2 Alloys

TECHNETIUM ALLOYS [01]
BT1 Alloys
NT1 Technetium Additions
NT1 Technetium Base Alloys

TECHNETIUM BASE ALLOYS [01]
BT1 Technetium Alloys
BT2 Alloys

TECHNETIUM BROMIDES
DA January 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

TECHNETIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Pertechnetates
NT1 Technetates
NT1 Technetium Bromides
NT1 Technetium Carbides
NT1 Technetium Chlorides
NT1 Technetium Fluorides
NT1 Technetium Iodides
NT1 Technetium Oxides
NT1 Technetium Selenides
NT1 Technetium Sulfides
NT1 Technetium Tellurides

TECHNETIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TECHNETIUM ISOTOPES [01]
NT1 Technetium 90
NT1 Technetium 91
NT1 Technetium 92
NT1 Technetium 93
NT1 Technetium 94
NT1 Technetium 95
NT1 Technetium 96
NT1 Technetium 97
NT1 Technetium 98
NT1 Technetium 99
NT1 Technetium 100
NT1 Technetium 101
NT1 Technetium 102
NT1 Technetium 103
NT1 Technetium 104
NT1 Technetium 105
NT1 Technetium 106
NT1 Technetium 107
NT1 Technetium 108
NT1 Technetium 109
NT1 Technetium 110

TECHNETIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds
RT Pertechnetates
RT Technetates

TECHNETIUM SELENIDES
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Technetium Compounds
BT2 Transition Element Compounds

TECHNETIUM 99 TARGET [01]
DA July 1976
BT1 Targets

TECHNETIUM TELLURIDES
DA January 1975
BT1 Technetium Compounds
BT2 Transition Element Compounds
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds

Technical Specifications
USE Specifications

TECHNOLOGY ASSESSMENT
DA July 1976
RT Appropriate Technology
RT Delphi Method
RT Feasibility Studies
RT Industry

TECHNOLOGY TRANSFER [01]
DA February 1975
UF *Spin-off*
RT Commercialization
RT Industry
RT Information

TECHNOLOGY UTILIZATION
DA July 1976
RT Appropriate Technology
RT Commercialization
RT Developed Countries
RT Feasibility Studies
RT Industry

TECTONICS [01]
NT1 Plate Tectonics
RT Ground Uplift
RT Metamorphism
RT Petrogenesis
RT Rocks
DEF A branch of geology dealing with the broad architecture of the upper part of the Earth's crust, that is, the regional assembling of structural or deformational features, a study of their mutual relations, their origin, and their historical evolution.

TEDLAR
DA May 1979
BT1 Fluorinated Aliphatic Hydrocarbons
BT2 Halogenated Aliphatic Hydrocarbons
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT2 Organic Fluorine Compounds
BT3 Organic Halogen Compounds
BT4 Organic Compounds
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polyvinyls
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

Teel Oil
USE Sesame Oil

TEETH [01]
BT1 Oral Cavity
BT2 Digestive System
RT Bone Tissues
RT Calcium
RT Caries
RT Dentin
RT Dentistry
RT Jaw

TEFLON [01]
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products
BT1 Polytetrafluoroethylene
BT2 Fluorinated Aliphatic Hydrocarbons
BT3 Halogenated Aliphatic Hydrocarbons
BT4 Organic Halogen Compounds
BT5 Organic Compounds
BT3 Organic Fluorine Compounds
BT4 Organic Halogen Compounds
BT5 Organic Compounds
BT2 Polyethylenes
BT3 Polyolefins
BT4 Organic Polymers
BT5 Organic Compounds
BT5 Polymers

TEHRAN NUCLEAR RESEARCH CENTRE [01]
DA November 1976
BT1 Iranian Organizations
BT2 National Organizations

TEKTITES [01]
UF *Australites*
UF *Billitonites*
UF *Moldavites*
UF *Obsidianites*
BT1 Minerals
RT Meteorites

TEL [01]
UF *Tetraethyl Lead*
BT1 Lead Compounds
BT1 Organometallic Compounds
BT2 Organic Compounds

TELANGIECTASIS [01]
BT1 Cardiovascular Diseases
BT2 Diseases
RT Blood Vessels

TELEMETRY [01]
BT1 Data Transmission
BT2 Communications
RT MWD Systems

TELEPHONES
DA August 1976
BT1 Communications
RT Public Utilities

TELESCOPE COUNTERS [01]
RT Coincidence Circuits
RT Cosmic Ray Detection
RT Counting Techniques
RT Hodoscopes
RT Radiation Detectors

TELESCOPES [01]
NT1 Pyrheliometers
NT1 Radio Telescopes
RT Borescopes
RT Mirrors
RT Optical Systems

TELEVISION [01]
RT Camera Tubes
RT Cameras
RT Radiation Protection
RT Radio Equipment
RT Remote Viewing Equipment
RT X Radiation

TELEVISION CAMERAS
DA March 1977
BT1 Cameras
RT Vidicons

TELLURATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Tellurium Compounds

TELLURIC ACID [01]
BT1 Inorganic Acids
BT2 Hydrogen Compounds

TELLURIC SURVEYS
DA August 1976
BT1 Electrical Surveys
BT2 Geophysical Surveys
RT Geothermal Exploration
DEF Electrical surveys in which the Earth's natural electric field is measured at two or more stations simultaneously and a quantitative estimate of the geoelectric section obtained thereby.

TELLURIDES [01]
BT1 Chalcogenides
BT1 Tellurium Compounds
NT1 Aluminium Tellurides
NT1 Americium Tellurides
NT1 Antimony Tellurides
NT1 Arsenic Tellurides
NT1 Berkelium Tellurides
NT1 Beryllium Tellurides
NT1 Bismuth Tellurides
NT1 Cadmium Tellurides
NT1 Californium Tellurides
NT1 Cesium Tellurides
NT1 Chromium Tellurides
NT1 Cobalt Tellurides
NT1 Copper Tellurides
NT1 Curium Tellurides
NT1 Dysprosium Tellurides
NT1 Erbium Tellurides
NT1 Europium Tellurides
NT1 Gadolinium Tellurides
NT1 Gallium Tellurides
NT1 Germanium Tellurides
NT1 Gold Tellurides
NT1 Hafnium Tellurides
NT1 Holmium Tellurides
NT1 Indium Tellurides
NT1 Iridium Tellurides
NT1 Iron Tellurides

NT1 Lanthanum Tellurides
NT1 Lead Tellurides
NT1 Lithium Tellurides
NT1 Magnesium Tellurides
NT1 Manganese Tellurides
NT1 Mercury Tellurides
NT1 Molybdenum Tellurides
NT1 Neodymium Tellurides
NT1 Neptunium Tellurides
NT1 Niobium Tellurides
NT1 Palladium Tellurides
NT1 Platinum Tellurides
NT1 Plutonium Tellurides
NT1 Potassium Tellurides
NT1 Praseodymium Tellurides
NT1 Rhenium Tellurides
NT1 Rhodium Tellurides
NT1 Rubidium Tellurides
NT1 Ruthenium Tellurides
NT1 Samarium Tellurides
NT1 Silver Tellurides
NT1 Sodium Tellurides
NT1 Tantalum Tellurides
NT1 Technetium Tellurides
NT1 Terbium Tellurides
NT1 Thallium Tellurides
NT1 Thorium Tellurides
NT1 Thulium Tellurides
NT1 Tin Tellurides
NT1 Titanium Tellurides
NT1 Tungsten Tellurides
NT1 Uranium Tellurides
NT1 Ytterbium Tellurides
NT1 Yttrium Tellurides
NT1 Zinc Tellurides
NT1 Zirconium Tellurides
RT Intermetallic Compounds
RT Oxytellurides
RT Tellurium Alloys

TELLURIUM [01]
BT1 Semimetals
BT2 Elements

TELLURIUM 106 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 107 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 108 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 109 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 110 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 111 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 112 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 113 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 114 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 115 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 116 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 117 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 118 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 119 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 120 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 121 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 122 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 123 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 124 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 125 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 126 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 127 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 128 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 129 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 130 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 131 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 132 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes
RT Radioisotope Generators

TELLURIUM 133 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 134 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 135 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tellurium Isotopes

TELLURIUM 136 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 137 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM 138 [01]
DA March 1976
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tellurium Isotopes

TELLURIUM ADDITIONS [01]
BT1 Tellurium Alloys
BT2 Alloys

TELLURIUM ALLOYS [01]
BT1 Alloys
NT1 Tellurium Additions
RT Tellurides

TELLURIUM ARSENIDES
DA February 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Tellurium Compounds

TELLURIUM BROMIDES [01]
DA January 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tellurium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tellurium Compounds

TELLURIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Tellurium Compounds

TELLURIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tellurium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tellurium Compounds

TELLURIUM COMPLEXES [01]
BT1 Complexes

TELLURIUM COMPOUNDS [01]
NT1 Oxytellurides
NT1 Tellurates
NT1 Tellurides
NT2 Aluminium Tellurides
NT2 Americium Tellurides
NT2 Antimony Tellurides
NT2 Arsenic Tellurides
NT2 Berkelium Tellurides
NT2 Beryllium Tellurides
NT2 Bismuth Tellurides
NT2 Cadmium Tellurides
NT2 Californium Tellurides
NT2 Cesium Tellurides
NT2 Chromium Tellurides
NT2 Cobalt Tellurides
NT2 Copper Tellurides
NT2 Curium Tellurides
NT2 Dysprosium Tellurides
NT2 Erbium Tellurides
NT2 Europium Tellurides
NT2 Gadolinium Tellurides
NT2 Gallium Tellurides
NT2 Germanium Tellurides
NT2 Gold Tellurides
NT2 Hafnium Tellurides
NT2 Holmium Tellurides
NT2 Indium Tellurides
NT2 Iridium Tellurides
NT2 Iron Tellurides
NT2 Lanthanum Tellurides
NT2 Lead Tellurides
NT2 Lithium Tellurides
NT2 Magnesium Tellurides
NT2 Manganese Tellurides
NT2 Mercury Tellurides
NT2 Molybdenum Tellurides
NT2 Neodymium Tellurides
NT2 Neptunium Tellurides
NT2 Niobium Tellurides
NT2 Palladium Tellurides
NT2 Platinum Tellurides
NT2 Plutonium Tellurides

NT2 Potassium Tellurides
NT2 Praseodymium Tellurides
NT2 Rhenium Tellurides
NT2 Rhodium Tellurides
NT2 Rubidium Tellurides
NT2 Ruthenium Tellurides
NT2 Samarium Tellurides
NT2 Silver Tellurides
NT2 Sodium Tellurides
NT2 Tantalum Tellurides
NT2 Technetium Tellurides
NT2 Terbium Tellurides
NT2 Thallium Tellurides
NT2 Thorium Tellurides
NT2 Thulium Tellurides
NT2 Tin Tellurides
NT2 Titanium Tellurides
NT2 Tungsten Tellurides
NT2 Uranium Tellurides
NT2 Ytterbium Tellurides
NT2 Yttrium Tellurides
NT2 Zinc Tellurides
NT2 Zirconium Tellurides
NT1 Tellurium Arsenides
NT1 Tellurium Carbides
NT1 Tellurium Halides
NT2 Tellurium Bromides
NT2 Tellurium Chlorides
NT2 Tellurium Fluorides
NT2 Tellurium Iodides
NT1 Tellurium Hydrides
NT1 Tellurium Hydroxides
NT1 Tellurium Nitrates
NT1 Tellurium Oxides
NT2 Moctezumite
NT1 Tellurium Sulfides

TELLURIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tellurium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tellurium Compounds

TELLURIUM HALIDES
DA October 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Tellurium Compounds
NT1 Tellurium Bromides
NT1 Tellurium Chlorides
NT1 Tellurium Fluorides
NT1 Tellurium Iodides

TELLURIUM HYDRIDES [01]
DA January 1977
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Tellurium Compounds

TELLURIUM HYDROXIDES [01]
DA April 1978
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Tellurium Compounds

TELLURIUM IODIDES [01]
DA January 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Tellurium Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tellurium Compounds

TELLURIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TELLURIUM ISOTOPES [01]
NT1 Tellurium 106
NT1 Tellurium 107
NT1 Tellurium 108
NT1 Tellurium 109
NT1 Tellurium 110
NT1 Tellurium 111
NT1 Tellurium 112
NT1 Tellurium 113
NT1 Tellurium 114
NT1 Tellurium 115
NT1 Tellurium 116
NT1 Tellurium 117
NT1 Tellurium 118
NT1 Tellurium 119
NT1 Tellurium 120
NT1 Tellurium 121
NT1 Tellurium 122
NT1 Tellurium 123
NT1 Tellurium 124
NT1 Tellurium 125
NT1 Tellurium 126
NT1 Tellurium 127
NT1 Tellurium 128
NT1 Tellurium 129
NT1 Tellurium 130
NT1 Tellurium 131
NT1 Tellurium 132
NT1 Tellurium 133
NT1 Tellurium 134
NT1 Tellurium 135
NT1 Tellurium 136
NT1 Tellurium 137
NT1 Tellurium 138

TELLURIUM NITRATES [01]
DA July 1978
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Tellurium Compounds

TELLURIUM ORES [01]
BT1 Ores

TELLURIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Tellurium Compounds
NT1 Moctezumite

TELLURIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Tellurium Compounds

TELLURIUM 119 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 120 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 122 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 123 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 124 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 125 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 126 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 128 TARGET [01]
DA July 1976
BT1 Targets

TELLURIUM 130 TARGET [01]
DA July 1976
BT1 Targets

TELOMERIZATION [01]
BT1 Polymerization
BT2 Chemical Reactions

Telophase
USE Mitosis

TEM
USE Alkylating Agents

TEM (Microscopy)
DA January 1979
USE Transmission Electron Microscopy

Temperature (0 K)
USE Absolute Zero Temperature

Temperature (0000-0013 K)
USE Ultralow Temperature

Temperature (0013-0065 K)
USE Very Low Temperature

Temperature (0065-0273 K)
USE Low Temperature

Temperature (0273-0400 K)
USE Medium Temperature

Temperature (0400-1000 K)
USE High Temperature

Temperature (1000-4000 K)
USE Very High Temperature

Temperature (4000 K And Above)
USE Ultrahigh Temperature

Temperature (Ambient)
DA May 1976
USE Ambient Temperature

Temperature (Body)
USE Body Temperature

Temperature (Debye)
USE Debye Temperature

Temperature (Electron)
USE Electron Temperature

Temperature (Ion)
USE Ion Temperature

Temperature (Neutron)
USE Neutron Temperature

Temperature (Nuclear)
USE Nuclear Temperature

Temperature (Photon)
USE Photon Temperature

Temperature (Proton)
USE Proton Temperature

Temperature (Transition)
USE Transition Temperature

TEMPERATURE COEFFICIENT [01]
BT1 Reactivity Coefficients
RT Doppler Coefficient
RT Temperature Dependence

TEMPERATURE CONTROL [01]
BT1 Control
NT1 Thermoregulation
RT Air Conditioning
RT Ambient Temperature
RT Cooling
RT Heating
RT Temperature Measurement
RT Temperature Monitoring
RT Thermal Insulation
RT Thermostats

TEMPERATURE DEPENDENCE [01]
RT Absolute Zero Temperature
RT Ambient Temperature
RT High Temperature
RT Low Temperature
RT Medium Temperature
RT Temperature Coefficient
RT Temperature Distribution

RT Temperature Effects
RT Ultrahigh Temperature
RT Ultralow Temperature
RT Vernalization
RT Very High Temperature
RT Very Low Temperature

TEMPERATURE DISTRIBUTION
DA February 1975
RT Ambient Temperature
RT Isotherm
RT Spatial Distribution
RT Temperature Dependence

TEMPERATURE EFFECTS
DA October 1975
UF *Heat Effects*
UF *Thermal Effects*
NT1 Magneto-Thermal Effects
RT Ambient Temperature
RT Heat
RT Heat Resistant Materials
RT Temperature Dependence
RT Thermal Effluents
RT Thermal Pollution
RT Thermoelasticity

TEMPERATURE GRADIENTS
DA February 1975
UF *Thermal Gradients*
NT1 Geothermal Gradients
RT Ambient Temperature

TEMPERATURE INVERSIONS [01]
DA December 1976
RT Meteorology

TEMPERATURE LOGGING
DA November 1977
BT1 Well Logging
RT Temperature Measurement
DEF Measurement of well temperature as a function of depth in order to ascertain the presence of anomalies.

TEMPERATURE MEASUREMENT [01]
RT Ambient Temperature
RT Bolometers
RT Calorimeters
RT Calorimetry
RT Geothermometers
RT Isotherm
RT Measuring Instruments
RT Noise Thermometers
RT Optical Pyrometers
RT Pyrometers
RT Reservoir Temperature
RT Temperature Control
RT Temperature Logging
RT Temperature Monitoring
RT Thermocouples
RT Thermography
RT Thermometers
RT Well Temperature

TEMPERATURE MONITORING [01]
BT1 Monitoring
RT In Core Instruments
RT Infrared Thermography
RT Temperature Control
RT Temperature Measurement

TEMPERATURE NOISE [01]
BT1 Noise
RT Cooling
RT Transients
RT Variations

TEMPERING [01]
BT1 Heat Treatments

TEMPORAL DOSE DISTRIBUTIONS [01]
BT1 Radiation Dose Distributions
RT Chronic Irradiation
RT Cumulative Radiation Effects
RT Dose Rates
RT Fractionated Irradiation
RT Integral Doses
RT Irradiation Procedures
RT Pulsed Irradiation
RT Time Dependence

Tendons (Structural)
DA September 1978
USE Cables

TENELON
DA December 1978
BT1 Manganese Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

TENNESSEE [01]
BT1 Southeast Region
BT1 USA
BT2 North America
NT1 Chattanooga
NT1 Oak Ridge
RT Chattanooga Formation
RT Clinch River
RT Cumberland River
RT Mississippi River
RT Nuclear Fuel Recovery and Recycling Center
RT Tennessee River

TENNESSEE RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Alabama
RT Kentucky
RT Tennessee
RT Tennessee Valley Region

TENNESSEE VALLEY AUTHORITY [01]
DA January 1976
UF *TVA*
BT1 US Organizations
BT2 National Organizations
RT Paradise Steam Plant
RT Tennessee Valley Region
RT Widows Creek Steam Plant

TENNESSEE VALLEY REGION
DA September 1978
RT Tennessee River
RT Tennessee Valley Authority

TENSILE PROPERTIES [01]
UF *Strength (Tensile)*
UF *Tensile Strength*
BT1 Mechanical Properties
NT1 Ductility
NT1 Elasticity
NT2 Poisson Ratio
NT2 Thermoelasticity
NT2 Young Modulus
NT1 Flexibility
RT Compression Strength
RT Shear
RT Strain Rate
RT Strains
RT Stresses
RT Yield Strength

Tensile Strength
USE Tensile Properties

TENSIOMETERS
DA September 1976
BT1 Measuring Instruments
RT Strain Gages
RT Surface Tension

Tension (Surface)
USE Surface Tension

TENSOR DOMINANCE MODEL [01]
UF *Tensor Meson Dominance*
BT1 Particle Models
BT2 Mathematical Models
RT Tensor Mesons

TENSOR FORCES [01]
RT Nuclear Forces
RT Tensors
RT Vectors

Tensor Meson Dominance
USE Tensor Dominance Model

TENSOR MESONS [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 A2-1310 Resonances
NT1 F-1260 Resonances
NT1 F-1514 Resonances
NT1 K-1420 Resonances
RT Meson Nonets
RT Noncentral Forces
RT Tensor Dominance Model
DEF Mesons with spin-parity of two-plus.

TENSORS [01]
NT1 Energy-Momentum Tensor
NT1 Ricci Tensor
NT1 Vectors
NT2 Isovectors
RT Mathematics
RT Metrics
RT Scalars
RT Tensor Forces

TERATOGENESIS [01]
RT Biological Radiation Effects
RT Congenital Malformations
RT Growth

TERBIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

TERBIUM 146 [01]
DA January 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 147 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 148 [01]
BT1 Beta-Plus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 149 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 150 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 151 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 152 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 153 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 154 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 155 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 156 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 157 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TERBIUM 158 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TERBIUM 159 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 160 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 161 [01]
BT1 Beta-Minus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 162 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 163 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM 164 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Terbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

TERBIUM ADDITIONS [01]
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Terbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

TERBIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Terbium Additions
NT1 Terbium Base Alloys

TERBIUM ARSENIDES [01]
DA September 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM BASE ALLOYS [01]
BT1 Terbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

TERBIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM BROMIDES [01]
DA April 1975
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

TERBIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Terbium Arsenides
NT1 Terbium Borides
NT1 Terbium Bromides
NT1 Terbium Carbides
NT1 Terbium Carbonates
NT1 Terbium Chlorides
NT1 Terbium Fluorides
NT1 Terbium Hydrides
NT1 Terbium Hydroxides
NT1 Terbium Iodides
NT1 Terbium Nitrates
NT1 Terbium Nitrides
NT1 Terbium Oxides
NT1 Terbium Perchlorates
NT1 Terbium Phosphides
NT1 Terbium Selenides
NT1 Terbium Silicides
NT1 Terbium Sulfates
NT1 Terbium Sulfides
NT1 Terbium Tellurides

TERBIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM IODIDES [01]
DA January 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TERBIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Terbium 146
NT1 Terbium 147
NT1 Terbium 148
NT1 Terbium 149
NT1 Terbium 150
NT1 Terbium 151
NT1 Terbium 152
NT1 Terbium 153
NT1 Terbium 154
NT1 Terbium 155
NT1 Terbium 156
NT1 Terbium 157
NT1 Terbium 158
NT1 Terbium 159
NT1 Terbium 160
NT1 Terbium 161
NT1 Terbium 162
NT1 Terbium 163
NT1 Terbium 164

TERBIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM PHOSPHATES [01]
DA February 1975
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

TERBIUM PHOSPHIDES [01]
DA August 1976
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM SELENIDES
DA September 1978
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM SILICIDES [01]
DA May 1975

BT1 Silicides
BT2 Silicon Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TERBIUM 159 TARGET [01]
DA July 1976
BT1 Targets

TERBIUM 160 TARGET [01]
DA May 1979
BT1 Targets

TERBIUM TELLURIDES [01]
DA October 1977
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Terbium Compounds
BT2 Rare Earth Compounds

TEREPHTHALIC ACID [01]
UF *Benzenedicarboxylic Acid-para*
BT1 Dicarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Dacron

TERMINAL FACILITIES
DA March 1977
NT1 Deep Water Oil Terminals
RT Energy Facilities
RT Liquefied Natural Gas
RT Storage Facilities

TERNARY ALLOY SYSTEMS [01]
BT1 Alloy Systems

TERNARY FISSION [01]
BT1 Fission
BT2 Nuclear Reactions

TERNE-METAL [01]
BT1 Antimony Alloys
BT2 Alloys
BT2 Pnictides
BT1 Lead Base Alloys
BT2 Lead Alloys
BT3 Alloys
BT1 Tin Alloys
BT2 Alloys

TERPENES [01]
BT1 Organic Compounds
NT1 Camphene
NT1 Camphor
NT1 Carotenoids
NT1 Geraniol
NT1 Squalene
NT1 Turpentine
RT Oils

TERPHENYL-META [01]
BT1 Terphenyls
BT2 Polyphenyls
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydrocarbons
BT4 Organic Compounds

TERPHENYL-ORTHO [01]
BT1 Terphenyls
BT2 Polyphenyls
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydrocarbons
BT4 Organic Compounds

TERPHENYL-PARA [01]
BT1 Terphenyls
BT2 Polyphenyls
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydrocarbons
BT4 Organic Compounds

TERPHENYLS [01]
BT1 Polyphenyls
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydrocarbons
BT3 Organic Compounds
NT1 Terphenyl-Meta
NT1 Terphenyl-Ortho
NT1 Terphenyl-Para
RT Liquid Scintillators
RT Plastic Scintillators

Terramycin
USE Oxytetracycline

Terrestrial Background
USE Background Radiation

TERRESTRIAL ECOSYSTEMS [01]
BT1 Ecosystems
NT1 Rangelands
RT Arid Lands
RT Deserts
RT Forests
RT Islands
RT Prevention of Significant Deterioration
RT Soils
RT Tundra

TERRITORIAL WATERS [01]
DA May 1975
BT1 Surface Waters
RT Coastal Waters
RT Continental Shelf
RT Government Policies

TERTIARY PERIOD
DA October 1977
UF *Eocene Epoch*
UF *Miocene Epoch*
UF *Neogene Period*
UF *Oligocene Epoch*
UF *Paleocene Epoch*
UF *Paleogene Period*
UF *Pliocene Epoch*
BT1 Cenozoic Era
BT2 Geologic Ages

Tertiary Recovery
DA February 1976
USE Enhanced Recovery

Terylene
USE Dacron

TESI DEVICES
DA January 1975
BT1 Pinch Devices
BT2 Thermonuclear Devices

TEST FACILITIES
DA April 1975
UF *Liquid Metal Test Facilities*
NT1 Tonopah Test Range
RT Large Coil Program
RT Nuclear Facilities
RT Testing

Test Fast Breeder Reactor Kalpakkam
USE Kalpakkam LMFBR Reactor

TEST PARTICLES [01]
RT Charged Particles

TEST REACTORS [01]
BT1 Research and Test Reactors
BT2 Reactors
NT1 AEG Nullenergie Reactor
NT1 AGNIR Reactor
NT1 AIPFR Reactor
NT1 ARBUS Reactor
NT1 ASTR Reactor
NT1 ASTRA Reactor
NT1 ATPR Reactor
NT1 ATR Reactor
NT1 BARN Reactor
NT1 BAWTR Reactor
NT1 BGRR Reactor
NT1 BORAX-5 Reactor
NT1 BR-02 Reactor
NT1 BRR Reactor
NT1 Cesnef Reactor
NT1 Cirus Reactor
NT1 CP-5 Reactor
NT1 CWRR Reactor
NT1 Dimple Reactor
NT1 Diorit Reactor
NT1 EBOR Reactor
NT1 EBR-1 Reactor
NT1 ECO Reactor
NT1 EER Reactor
NT1 EOCR Reactor
NT1 ESADA-VESR Reactor
NT1 ESSOR Reactor
NT1 ETR Reactor
NT1 ETRC Reactor
NT1 FFTF Reactor
NT1 FIR-1 Reactor
NT1 FMRB Reactor
NT1 FNR Reactor
NT1 FR-2 Reactor
NT1 FRCTF Reactor
NT1 FRG-1 Reactor
NT1 FRN Reactor
NT1 FS-1 Reactor
NT1 GETR Reactor
NT1 Grenoble Reactor
NT1 GTR Reactor
NT1 GTRR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 Harmonie Reactor
NT1 Herald Reactor
NT1 Hero Reactor
NT1 HEW-305 Reactor
NT1 HFIR Reactor
NT1 HIFAR Reactor
NT1 HRE-1 Reactor
NT1 HRE-2 Reactor
NT1 HTLTR Reactor
NT1 IRL Reactor
NT1 IRR-1 Reactor
NT1 IRT-Accra Reactor
NT1 IRT-2000 Djakarta Reactor
NT1 IRT-2000 Moscow Reactor
NT1 Ispra-1 Reactor
NT1 JMTR Reactor
NT1 Kalpakkam LMFBR Reactor
NT1 Loft Reactor
NT1 MZFR Reactor
NT1 NETR Reactor
NT1 NRR Reactor
NT1 NRU Reactor
NT1 NTR Reactor
NT1 OWR Reactor
NT1 PAT Reactor
NT1 Pegase Reactor
NT1 Proteus Reactor
NT1 RA-3 Reactor
NT1 Rapsodie Reactor
NT1 RTS-1 Reactor
NT1 Safari-1 Reactor
NT1 SBR-5 Reactor
NT1 SIC Prototype Reactor
NT1 SNAPTRAN Reactors
NT1 STF Reactor
NT1 Tapiro Reactor
NT1 Tory-2A Reactor
NT1 Tory-2C Reactor
NT1 TREAT Reactor
NT1 TRIGA-2-Pavia Reactor
NT1 Trombay R-5 Reactor
NT1 TSR-1 Reactor
NT1 TSR-2 Reactor
NT1 TTR-1 Reactor
NT1 TTR-2 Reactor
NT1 URR Reactor
NT1 UVAR Reactor
NT1 VIPER Reactor

NT1 WR-1 Reactor
NT1 WTR Reactor
NT1 WWR-S-Baghdad Reactor
NT1 WWR-S-Obninsk Reactor
DEF A facility to test the technical feasibility of a concept or to provide the technical basis for a similar facility in a larger size.

Test Wells
DA January 1979
USE Exploratory Wells

TESTES [01]
BT1 Gonads
BT1 Male Genitals
BT2 Organs
BT3 Body
RT Androgens
RT Spermatogenesis

TESTING [01]
NT1 Drill Stem Testing
NT1 Frequency Response Testing
NT1 Leak Testing
NT1 Materials Testing
NT2 Destructive Testing
NT2 Mechanical Tests
NT3 Impact Tests
NT2 Nondestructive Testing
NT3 Acoustic Testing
NT4 Acoustic Emission Testing
NT4 Ultrasonic Testing
NT3 Electrical Testing
NT3 Electromagnetic Testing
NT4 Eddy Current Testing
NT3 Industrial Radiography
NT4 Beta Radiography
NT4 Gamma Radiography
NT5 Gamma Fuel Scanning
NT4 Neutron Radiography
NT4 Proton Radiography
NT4 X-Ray Radiography
NT3 Liquid Penetrant Inspection
NT3 Magnetic Testing
NT3 Radiation Attenuation Testing
NT3 Thermal Testing
NT4 Frost Tests
NT4 Thermography
NT5 Infrared Thermography
NT1 Performance Testing
NT2 Federal Test Procedure
RT Certification
RT Feasibility Studies
RT Inspection
RT Mutagen Screening
RT Road Tests
RT Sampling
RT Test Facilities

Testing (Biological)
USE Bioassay

Testing (Materials)
USE Materials Testing

TESTOSTERONE [01]
BT1 Androgens
BT2 Androstanes
BT3 Steroids
BT4 Organic Compounds
BT2 Steroid Hormones
BT3 Hormones
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds

TETA [01]
UF *Triethylenetetramine*
BT1 Amines
BT2 Organic Compounds

TETAHA [01]
UF *Triethylenetetraaminehexaacetic Acid*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Chelating Agents

TETANUS [01]
BT1 Infectious Diseases
BT2 Diseases

TETRACENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

Tetrachlorobenzoquinone
USE Chloranil

Tetrachloromethane
DA May 1975
USE Carbon Tetrachloride

TETRACYCLINES [01]
BT1 Antibiotics
BT2 Drugs
NT1 Chlortetracycline
NT1 Oxytetracycline

TETRADECANOIC ACID [01]
UF *Myristic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

Tetraethyl Lead
USE TEL

Tetraethylammonium Bromide
USE TEAB

Tetrafluoromethane
DA August 1976
USE Carbon Tetrafluoride

TETRAGONAL LATTICES [01]
BT1 Crystal Lattices
BT2 Crystal Structure

Tetrahydronaphthalene
USE Tetralin

TETRAHYDROPYRAN [01]
BT1 Pyrans
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
RT Ethers

Tetrahydropyrroles
USE Pyrrolidines

Tetrahydroxybutane
USE Erythritol

TETRAHYMENA [01]
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms

TETRALIN [01]
UF *Tetrahydronaphthalene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT Naphthalene

Tetramethyl-4-piperidone-N-Oxyl
DA April 1975
USE TAN

1,2,4,5-Tetramethylbenzene
USE Durene

Tetramethylenediamine
USE Putrescine

Tetramethylethylene Glycol
USE Pinacol

TETRANEUTRONS [01]
DA January 1975
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Trineutrons
DEF Bound state of four neutrons.

Tetraphenylethylene Glycol
USE Benzopinacol

Tetraploidy
USE Polyploidy

Tetrathiafulvalene Tetracyanoquinodimethane
DA October 1975
USE TTF-TCNQ

TETRAZOLES [01]
(Compounds that contain a five-membered heterocyclic ring containing four nitrogen atoms.)
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Tetrazolium

TETRAZOLIUM [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tetrazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

TETRYL
DA January 1975
BT1 Amines
BT2 Organic Compounds
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds

TEV RANGE [01]
BT1 Energy Range
NT1 TeV Range 01-10
NT1 TeV Range 10-100
NT1 TeV Range 100-1000

TEV RANGE 01-10 [01]
DA November 1977
BT1 TeV Range
BT2 Energy Range

TEV RANGE 10-100 [01]
DA November 1977
BT1 TeV Range
BT2 Energy Range

TEV RANGE 100-1000 [01]
DA November 1977
BT1 TeV Range
BT2 Energy Range

TEXACO GASIFICATION PROCESS
DA May 1977
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Coal, or any carbonaceous fuel, and oxygen are reacted in carbon monoxide and hydrogen at temperatures of 1200-2200°F and pressures of 300-4500 p.s.i. Steam may be used optionally. Hydrogen and carbon monoxide are recycled to the reactor to optimize methane yield. The high-BTU offgas is suitable for upgrading to pipeline quality.

TEXAS [01]
BT1 Southwest Region
BT1 USA
BT2 North America
RT Brazos River
RT Pantex Plant
RT San Antonio Bay

TEXAS A AND M CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Texas College Station Training Reactor
USE NSCR Reactor

Texas Experimental Tokamak
DA March 1978
USE TEXT Devices

TEXT DEVICES [01]
DA March 1978
UF *Texas Experimental Tokamak*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
DEF TEXT is intended for diagnostic development and basic physics experiments including rf heating.

TEXT EDITORS
DA June 1978
RT Computer Codes
DEF Means, often computer codes, to create or modify any sort of text, report, or computer code.

TEXTILE INDUSTRY
DA June 1977
BT1 Industry
RT Textiles

TEXTILES [01]
RT Clothing
RT Cotton
RT Dacron
RT Jute
RT Rayon
RT Textile Industry
RT Wool

TEXTOLITE [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers

TEXTOR TOKAMAK [01]
DA November 1977
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TEXTURE [01]
RT Crystal Structure
RT Grain Orientation
RT Schulz Method

TFR TOKAMAK [01]
UF *Tokamak Fontenay-Aux-Roses*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TFTR REACTORS
DA April 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

Thai Research Reactor-1
USE TRR-1 Reactor

THAILAND [01]
BT1 Asia

THALAMUS [01]
BT1 Brain
BT2 Central Nervous System
BT3 Nervous System
BT2 Organs
BT3 Body
RT Ganglions

THALASSEMIA [01]
BT1 Anemias
BT2 Hemic Diseases
BT3 Diseases
BT2 Symptoms

THALLIUM [01]
BT1 Metals
BT2 Elements

THALLIUM 184 [01]
DA January 1977
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 185 [01]
DA April 1977
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 186 [01]
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 187 [01]
DA June 1975
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 188 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 189 [01]
DA April 1975
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 190 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 191 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 192 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 193 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 194 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 195 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 196 [01]
BT1 Electron Capture Radioisotopes
BT2 Nuclei
BT1 Thallium Isotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 197 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 198 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 199 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 200 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 201 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 202 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thallium Isotopes

THALLIUM 203 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Thallium Isotopes

THALLIUM 204 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

THALLIUM 205 [01]
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Thallium Isotopes

THALLIUM 206 [01]
UF *Radium E//*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 207 [01]
UF *Actinium C//*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 208 [01]
UF *Thorium C//*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 209 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM 210 [01]
UF *Radium C//*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Thallium Isotopes

THALLIUM ADDITIONS [01]
BT1 Thallium Alloys
BT2 Alloys

THALLIUM ALLOYS [01]
BT1 Alloys
NT1 Thallium Additions
NT1 Thallium Base Alloys

THALLIUM BASE ALLOYS [01]
BT1 Thallium Alloys
BT2 Alloys

THALLIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thallium Compounds

THALLIUM CARBIDES [01]
DA December 1975
BT1 Carbides

BT2 Carbon Compounds
BT1 Thallium Compounds

THALLIUM CARBONATES [01]
DA October 1977
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Thallium Compounds

THALLIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thallium Compounds

THALLIUM COMPLEXES [01]
BT1 Complexes

THALLIUM COMPOUNDS [01]
NT1 Thallium Bromides
NT1 Thallium Carbides
NT1 Thallium Carbonates
NT1 Thallium Chlorides
NT1 Thallium Fluorides
NT1 Thallium Halides
NT1 Thallium Hydroxides
NT1 Thallium Iodides
NT1 Thallium Nitrates
NT1 Thallium Oxides
NT1 Thallium Perchlorates
NT1 Thallium Phosphates
NT1 Thallium Selenides
NT1 Thallium Sulfates
NT1 Thallium Sulfides
NT1 Thallium Tellurides
NT1 Thallium Tungstates
NT1 Thallium Uranates

THALLIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thallium Compounds

THALLIUM HALIDES
DA May 1976
BT1 Halides
BT2 Halogen Compounds
BT1 Thallium Compounds

THALLIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Thallium Compounds

THALLIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Thallium Compounds

THALLIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

THALLIUM ISOTOPES [01]
NT1 Thallium 184
NT1 Thallium 185
NT1 Thallium 186
NT1 Thallium 187
NT1 Thallium 188
NT1 Thallium 189
NT1 Thallium 190
NT1 Thallium 191
NT1 Thallium 192
NT1 Thallium 193
NT1 Thallium 194
NT1 Thallium 195
NT1 Thallium 196
NT1 Thallium 197
NT1 Thallium 198
NT1 Thallium 199
NT1 Thallium 200
NT1 Thallium 201
NT1 Thallium 202
NT1 Thallium 203
NT1 Thallium 204
NT1 Thallium 205
NT1 Thallium 206
NT1 Thallium 207
NT1 Thallium 208
NT1 Thallium 209
NT1 Thallium 210

THALLIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Thallium Compounds

THALLIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Thallium Compounds

THALLIUM PERCHLORATES [01]
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Thallium Compounds

THALLIUM PHOSPHATES [01]
DA February 1979
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Thallium Compounds

THALLIUM 205 REACTIONS [01]
DA July 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

THALLIUM SELENIDES
DA August 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Thallium Compounds

THALLIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Thallium Compounds

THALLIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Thallium Compounds

THALLIUM 203 TARGET [01]
DA July 1976
BT1 Targets

THALLIUM 205 TARGET [01]
DA July 1976
BT1 Targets

THALLIUM TELLURIDES
DA November 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Thallium Compounds

THALLIUM TUNGSTATES
DA November 1976
BT1 Thallium Compounds
BT1 Tungstates

THALLIUM URANATES [01]
DA January 1975
BT1 Thallium Compounds
BT1 Uranates
BT2 Uranium Compounds
BT3 Actinide Compounds

THAMES RIVER [01]
DA April 1976
BT1 Rivers
BT2 Streams
BT3 Surface Waters

THAWING
DA March 1976
RT Freezing
RT Melting

The Geysers
DA January 1975
USE Geysers Geothermal Field

The Next Step Device
DA March 1978
USE TNS Reactors

THEBAINE [01]
BT1 Alkaloids
BT2 Organic Compounds

THEFT
DA February 1976
RT Adversaries
RT Physical Protection Devices
RT Sabotage
RT Security
RT Vulnerability

Thenoyltrifluoroacetone
USE TTA

THEOBROMA [01]
BT1 Plants

THEOBROMINE [01]
UF *3,7-Dimethylxanthine*
BT1 Diuretics
BT2 Drugs
BT1 Xanthines
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Purines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

THEOPHYLLINE [01]
UF *1,3-Dimethylxanthine*
BT1 Diuretics
BT2 Drugs
BT1 Xanthines
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Purines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

THEORETICAL DATA [01]
DA February 1979
BT1 Numerical Data
BT2 Data
BT3 Information

THERAPY [01]
UF *Treatment (Therapy)*
NT1 Chemotherapy
NT1 First Aid
NT1 Immunotherapy
NT1 Post-Irradiation Therapy
NT1 Radiotherapy
NT2 Afterloading
NT2 Neutron Capture Therapy
NT2 Neutron Therapy
NT1 Transfusions
RT Balneology
RT Biological Recovery
RT Bleomycin
RT Blood Substitutes
RT Castration
RT Diet
RT Drugs
RT Injection
RT Medicine
RT Patients
RT Radioimmunology
RT Side Effects
RT Surgery

Thermal Alteration
DA August 1977
USE Maturation

THERMAL ANALYSIS [01]
UF *Analysis (Thermal)*
NT1 Differential Thermal Analysis
NT1 Dilatometry
NT1 Emanation Thermal Analysis
NT1 Thermal Gravimetric Analysis
RT Phase Diagrams
RT Phase Transformations
RT Structural Chemical Analysis
RT Thermal Expansion

THERMAL BATTERIES
DA January 1975
BT1 Electric Batteries
BT2 Electrochemical Cells
BT2 Energy Storage Systems
BT1 Thermoelectric Conversion
BT2 Direct Energy Conversion
BT3 Energy Conversion
BT4 Conversion
RT Electrolytic Cells

THERMAL BOUNDARY RESISTANCE [01]
NT1 Kapitza Resistance
RT Heat Transfer
RT Ultralow Temperature
DEF Thermal impedance at an interface at ultralow temperature.

THERMAL COLUMNS [01]
UF *Columns (Thermal)*
UF *Reactor Thermal Columns*
RT Moderators
RT Neutron Sources
RT Thermal Neutrons

THERMAL CONDUCTION [01]
BT1 Heat Transfer
BT2 Energy Transfer
RT Heat Flow
RT Thermal Conductivity
RT Thermal Insulation
DEF Heat transfer by conduction.

THERMAL CONDUCTIVITY [01]
UF *Conductivity (Thermal)*
BT1 Thermodynamic Properties
BT2 Physical Properties
RT Heat Transfer
RT Matthiessen Rule
RT Righi-Leduc Effect
RT Thermal Conduction
RT Thermal Diffusivity
RT Umklapp Processes
RT Wiedemann-Franz Law

THERMAL CRACKING
DA December 1976
BT1 Cracking
BT2 Pyrolysis
BT3 Decomposition
BT4 Chemical Reactions
BT3 Thermochemical Processes
RT Catalytic Cracking
RT Hydrocracking

THERMAL CYCLING [01]
RT Mechanical Tests
RT Thermal Shock

Thermal Decay Time Log
DA March 1979
USE Neutron-Gamma Logging

Thermal Decomposition
USE Pyrolysis

THERMAL DEGRADATION [01]
DA January 1975
UF *Degradation (Thermal)*
RT Pyrolysis
DEF Impairment of properties caused by exposure to heat.

THERMAL DIFFUSION [01]
BT1 Diffusion
RT Heat Transfer
RT Isotope Separation
RT Separation Processes
RT Thermal Diffusivity

THERMAL DIFFUSIVITY [01]
BT1 Thermodynamic Properties
BT2 Physical Properties
RT Thermal Conductivity
RT Thermal Diffusion
RT Thermal Insulation

Thermal Effects
DA October 1975
USE Temperature Effects

THERMAL EFFICIENCY [01]
BT1 Efficiency
RT Thermodynamics

THERMAL EFFLUENTS [01]
SF *Heat Dissipation*
UF *Effluents (Thermal)*
UF *Heated Effluents*
RT Cold Effluents
RT Heat Sinks
RT Temperature Effects
RT Thermal Pollution
RT Waste Heat

THERMAL ENERGY STORAGE EQUIPMENT
DA November 1975
UF *Heat Storage Devices*
UF *Heat Storage Systems*
BT1 Equipment
RT Heat Storage
RT Latent Heat Storage
RT Peaking Power Plants
RT Solar-Assisted Power Systems
RT Thermochemical Heat Storage

THERMAL EQUILIBRIUM [01]
BT1 Equilibrium
RT Thermodynamic Properties

THERMAL EXPANSION [01]
BT1 Expansion
RT Contraction
RT Dilatometry
RT Elongation
RT Expansion Joints
RT Grueneisen Constant
RT Swelling
RT Thermal Analysis
RT Thermodynamic Properties
RT Thermoelasticity

THERMAL FATIGUE [01]
BT1 Fatigue
BT2 Mechanical Properties

THERMAL FISSION [01]
BT1 Fission
BT2 Nuclear Reactions
BT1 Neutron Reactions
BT2 Nucleon Reactions
BT3 Baryon Reactions
BT4 Hadron Reactions
BT5 Nuclear Reactions
RT Thermal Neutrons
RT Watt Fission Spectrum

THERMAL FISSION FACTOR [01]
RT Fission
RT Multiplication Factors

Thermal Gradients
DA February 1975
USE Temperature Gradients

THERMAL GRAVIMETRIC ANALYSIS [01]
UF *Thermogravimetry*
BT1 Gravimetric Analysis
BT2 Quantitative Chemical Analysis
BT3 Chemical Analysis
BT1 Thermal Analysis
RT Decomposition

THERMAL INSULATION [01]
UF *Insulation (Thermal)*
RT Air Conditioning
RT Bead Walls
RT Curtains
RT Fire Resistance
RT Heat Mirrors
RT Heat Transfer
RT Mineral Wool
RT R Factors
RT Shielding
RT Shutters
RT Storm Doors
RT Storm Windows
RT Temperature Control
RT Thermal Conduction
RT Thermal Diffusivity
RT Thermal Shields
RT Weatherization
RT Weatherstripping

THERMAL MASS
DA July 1978
UF *Mass (Thermal)*
RT Sensible Heat Storage

THERMAL-NELSON MODEL [01]
BT1 Mathematical Models
RT Thermal Spikes

THERMAL NEUTRONS [01]
BT1 Neutrons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Neutron Temperature
RT Thermal Columns
RT Thermal Fission
RT Watt Fission Spectrum
RT Zemach-Glauber Formalism
DEF Neutrons in thermal equilibrium with the medium in which they exist.

Thermal Photography
DA September 1977
USE Infrared Thermography

THERMAL POLLUTION [01]
UF *Pollution (Thermal)*
UF+ *Thermal Pollution (Air)*
UF+ *Thermal Pollution (Water)*
BT1 Pollution
RT Environmental Effects
RT Plumes
RT Temperature Effects
RT Thermal Effluents
RT Waste Heat
DEF Environmental temperature rise due to waste heat disposal.

Thermal Pollution (Air)
USE Air Pollution
AND Thermal Pollution

Thermal Pollution (Water)
USE Thermal Pollution
AND Water Pollution

THERMAL POWER PLANTS [01]
BT1 Power Plants
NT1 Combined-Cycle Power Plants
NT2 MHD Generator ETF
NT1 Fossil-Fuel Power Plants
NT2 Paradise Steam Plant
NT2 San Juan Power Plant
NT2 Widows Creek Steam Plant
NT1 Geothermal Power Plants
NT1 Nuclear Power Plants
NT2 BOPSSAR Standard Plant
NT2 Ebasco Standard Plant
NT2 Gibbssar Standard Plant
NT2 Offshore Nuclear Power Plants
NT3 Atlantic-2 Reactor
NT2 Swessar Standard Plant
NT2 Underground Nuclear Stations
NT1 Refuse-Fueled Power Plants
RT CPU-400 Combustion Plant
RT Peaking Power Plants

Thermal Properties
USE Thermodynamic Properties

THERMAL RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
RT Blackbody Radiation
RT Heat Transfer
RT Infrared Radiation
RT Radiant Heat Transfer
RT Rosseland Approximation
RT Thermodynamic Properties

THERMAL REACTORS [01]
BT1 Reactors
NT1 AE-6 Reactor
NT1 AEG Nullenergie Reactor
NT1 AEG-PR-10 Reactor
NT1 Aerojet-General Nucleonics Reactors
NT2 AGN-201 Reactor Series
NT3 AGN-201M-105 Reactor
NT3 AGN-201M-112 Reactor
NT3 AGN-201P-103 Reactor
NT3 AGN-201P-111 Reactor
NT3 AGN-201-100 Reactor
NT3 AGN-201-101 Reactor
NT3 AGN-201-102 Reactor
NT3 AGN-201-104 Reactor
NT3 AGN-201-106 Reactor
NT3 AGN-201-107 Reactor
NT3 AGN-201-108 Reactor
NT3 AGN-201-109 Reactor
NT3 AGN-201-110 Reactor
NT3 AGN-201-113 Reactor
NT3 AGN-201-114 Reactor
NT2 AGN-211 Reactor Series
NT3 AGN-211P-100 Reactor
NT3 AGN-211-101 Reactor
NT3 AGN-211-102 Reactor
NT3 AGN-211-103 Reactor
NT2 AGNIR Reactor
NT1 AFRRI Reactor
NT1 Agesta Reactor
NT1 AHCF Reactor
NT1 AI-L-77 Reactor
NT1 ALECTO Reactor
NT1 ALIZE Reactor
NT1 Allens Creek-1 Reactor
NT1 Allens Creek-2 Reactor
NT1 Almaraz-1 Reactor
NT1 Almaraz-2 Reactor
NT1 ALRR Reactor
NT1 AMRR Reactor
NT1 ANEX Reactor
NT1 Angra-1 Reactor
NT1 Angra-2 Reactor
NT1 Angra-3 Reactor
NT1 ANNA Reactor
NT1 APS Reactor
NT1 Apsara Reactor
NT1 AQUILON Reactor
NT1 ARBI Reactor
NT1 ARBUS Reactor
NT1 Ardennes Reactor
NT1 Argonaut Reactor
NT1 ARGOS Reactor
NT1 ARMF-1 Reactor
NT1 ARMF-2 Reactor
NT1 ARR Reactor
NT1 Asco-1 Reactor
NT1 Asco-2 Reactor
NT1 ASTRA Reactor
NT1 Athene Reactor
NT1 Atlantic-1 Reactor
NT1 Atlantic-2 Reactor
NT1 ATPR Reactor
NT1 ATR Reactor
NT1 ATRC Reactor
NT1 ATSR Reactor
NT1 Atucha Reactor
NT1 Avogadro RS-1 Reactor
NT1 AVR Reactor
NT1 AZUR Reactor
NT1 Barton-1 Reactor
NT1 Barton-2 Reactor
NT1 Barton-3 Reactor
NT1 Barton-4 Reactor
NT1 BAWTR Reactor
NT1 Bellefonte-1 Reactor
NT1 Bellefonte-2 Reactor
NT1 Beloyarsk-1 Reactor
NT1 Beloyarsk-2 Reactor
NT1 BEPO Reactor
NT1 BER-1 Reactor
NT1 BER-2 Reactor
NT1 Berkeley Reactor
NT1 Beznau-1 Reactor
NT1 Beznau-2 Reactor
NT1 BGRR Reactor
NT1 Big Rock Point Reactor
NT1 Bilibin Reactor
NT1 Black Fox-1 Reactor
NT1 Black Fox-2 Reactor
NT1 Blue Hills-1 Reactor
NT1 Blue Hills-2 Reactor
NT1 Bohunice A-1 Reactor
NT1 Bohunice A-2 Reactor
NT1 Bohunice V-1 Reactor
NT1 Bolsa Chica-1 Reactor
NT1 Bolsa Chica-2 Reactor
NT1 BONUS Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 Borssele Reactor
NT1 BR-1 Reactor
NT1 BR-02 Reactor
NT1 BR-2 Reactor
NT1 BR-3 Reactor
NT1 BR-3-VN Reactor
NT1 Braidwood-1 Reactor
NT1 Braidwood-2 Reactor
NT1 BRR Reactor
NT1 BSR-1 Reactor
NT1 BSR-2 Reactor
NT1 Bugey-1 Reactor
NT1 Bugey-3 Reactor
NT1 Byron-1 Reactor
NT1 Byron-2 Reactor
NT1 BYU L-77 Reactor
NT1 Cabri Reactor
NT1 Calder Hall A-1 Reactor
NT1 Calder Hall A-2 Reactor
NT1 Calder Hall B-3 Reactor
NT1 Calder Hall B-4 Reactor
NT1 Calhoun-2 Reactor
NT1 Callaway-1 Reactor
NT1 Callaway-2 Reactor
NT1 Candu Type Reactors
NT2 Bruce-1 Reactor
NT2 Bruce-2 Reactor
NT2 Bruce-3 Reactor
NT2 Bruce-4 Reactor
NT2 Bruce-5 Reactor
NT2 Bruce-6 Reactor
NT2 Bruce-7 Reactor
NT2 Bruce-8 Reactor
NT2 Cordoba Reactor
NT2 Darlington-1 Reactor
NT2 Darlington-2 Reactor
NT2 Darlington-3 Reactor
NT2 Darlington-4 Reactor
NT2 Douglas Point Ontario Reactor
NT2 Gentilly-2 Reactor
NT2 KANUPP Reactor
NT2 NPD Reactor
NT2 Pickering-1 Reactor
NT2 Pickering-2 Reactor
NT2 Pickering-3 Reactor
NT2 Pickering-4 Reactor
NT2 Pickering-5 Reactor
NT2 Pickering-6 Reactor
NT2 Pickering-7 Reactor
NT2 Pickering-8 Reactor
NT2 Point Lepreau-1 Reactor
NT2 Rajasthan-1 Reactor
NT2 Rajasthan-2 Reactor
NT2 Wolsung-1 Reactor
NT1 Cesar Reactor
NT1 Cesnef Reactor
NT1 Chapelcross-1 Reactor
NT1 Chapelcross-2 Reactor
NT1 Chapelcross-3 Reactor
NT1 Chapelcross-4 Reactor
NT1 Cherokee-1 Reactor
NT1 Cherokee-2 Reactor
NT1 Cherokee-3 Reactor
NT1 Chinon-1 Reactor
NT1 Chinon-2 Reactor
NT1 Chinon-3 Reactor
NT1 Cirene Reactor
NT1 Cirus Reactor
NT1 Clinton-1 Reactor
NT1 Clinton-2 Reactor
NT1 Cofrentes Reactor
NT1 Columbia TRIGA-Mk-2 Reactor
NT1 Connecticut Yankee Reactor
NT1 Consort-2 Reactor
NT1 CP-3M Reactor
NT1 CP-1 Reactor
NT1 CP-2 Reactor
NT1 CP-3 Reactor
NT1 CP-5 Reactor
NT1 CVTR Reactor
NT1 CWRR Reactor
NT1 Daphne Reactor
NT1 Davis Besse-1 Reactor
NT1 Davis Besse-2 Reactor
NT1 Davis Besse-3 Reactor
NT1 Democritus Reactor
NT1 Dido Reactor
NT1 Dimple Reactor
NT1 DMTR Reactor
NT1 Dodewaard Reactor
NT1 Doel-3 Reactor
NT1 DORF Reactor
NT1 Douglas Point-1 Reactor
NT1 Douglas Point-2 Reactor
NT1 Dow TRIGA-Mk-1 Reactor
NT1 DR-1 Reactor
NT1 DR-2 Reactor
NT1 DR-3 Reactor
NT1 Dragon Reactor
NT1 Dresden-1 Reactor
NT1 Dresden-2 Reactor
NT1 Dresden-3 Reactor
NT1 Dukovany V-2 Reactor
NT1 Dungeness-A Reactor
NT1 Dungeness-B Reactor
NT1 EBOR Reactor
NT1 EBWR Reactor
NT1 EER Reactor
NT1 EFDR-50 Reactor
NT1 EGCR Reactor
NT1 EL-1 Reactor
NT1 EL-2 Reactor
NT1 EL-4 Reactor
NT1 EOCR Reactor
NT1 Erie-1 Reactor
NT1 Erie-2 Reactor
NT1 ERR Reactor
NT1 ESADA-VESR Reactor
NT1 ESSOR Reactor
NT1 ETR Reactor
NT1 ETRC Reactor
NT1 FIR-1 Reactor
NT1 FNR Reactor
NT1 FR-2 Reactor
NT1 FRG-1 Reactor
NT1 Fulton-1 Reactor
NT1 Fulton-2 Reactor
NT1 G-1 Reactor
NT1 G-2 Reactor
NT1 G-3 Reactor
NT1 GA Standard Reactor
NT1 Garigliano Reactor
NT1 Garona Reactor
NT1 GETR Reactor
NT1 Ginna-1 Reactor
NT1 Gleep Reactor
NT1 Goesgen Reactor
NT1 Graben-1 Reactor
NT1 Graben-2 Reactor
NT1 Grafenrheinfeld Reactor
NT1 Greene County Reactor
NT1 Greenwood-2 Reactor
NT1 Greenwood-3 Reactor
NT1 Gundremmingen-2 Reactor
NT1 Gundremmingen-3 Reactor
NT1 Hartlepool Reactor
NT1 Hartsville-1 Reactor
NT1 Hartsville-2 Reactor
NT1 Hartsville-3 Reactor
NT1 Hartsville-4 Reactor

NT1 Haven-1 Reactor
NT1 Haven-2 Reactor
NT1 HBWR Reactor
NT1 HDR Reactor
NT1 Hector Reactor
NT1 Herald Reactor
NT1 HEW-305 Reactor
NT1 Heysham-A Reactor
NT1 Heysham-B Reactor
NT1 HFBR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 HIFAR Reactor
NT1 Hinkley Point-A Reactor
NT1 Hinkley Point-B Reactor
NT1 Hitrex-1 Reactor
NT1 HNPF Reactor
NT1 Hope Creek-1 Reactor
NT1 Hope Creek-2 Reactor
NT1 HOR Reactor
NT1 HTR Reactor
NT1 Humboldt Bay Reactor
NT1 Hunterston-A Reactor
NT1 Hunterston-B Reactor
NT1 HWCTR Reactor
NT1 HYPO Reactor
NT1 IAN-R1 Reactor
NT1 IEAR-1 Reactor
NT1 Indian Point-1 Reactor
NT1 Iran-1 Reactor
NT1 Iran-2 Reactor
NT1 IRL Reactor
NT1 IRR-1 Reactor
NT1 IRT-A Reactor
NT1 IRT-B Reactor
NT1 IRT-C Reactor
NT1 IRT-D Reactor
NT1 IRT-2000 Djakarta Reactor
NT1 IRT-E Reactor
NT1 IRT-F Reactor
NT1 IRT-2000 Moscow Reactor
NT1 IRT Reactor
NT1 IRT-Sofia Reactor
NT1 Isis Reactor
NT1 Jamesport-1 Reactor
NT1 Jamesport-2 Reactor
NT1 JANUS Reactor
NT1 JATR Reactor
NT1 JEEP-1 Reactor
NT1 JEN Reactor
NT1 JEN-1 Reactor
NT1 JPDR Reactor
NT1 Juggernaut Reactor
NT1 Juno Reactor
NT1 Kaiseraugst Reactor
NT1 KNK Reactor
NT1 KNK-2 Reactor
NT1 Koshkonong-1 Reactor
NT1 Koshkonong-2 Reactor
NT1 Kozloduy-1 Reactor
NT1 Kozloduy-2 Reactor
NT1 Krsko Reactor
NT1 Kruemmel Reactor
NT1 Kuosheng-1 Reactor
NT1 Kuosheng-2 Reactor
NT1 Kursk-1 Reactor
NT1 Kursk-2 Reactor
NT1 LACBWR Reactor
NT1 Laguna Verde-1 Reactor
NT1 Latina Reactor
NT1 Leibstadt Reactor
NT1 Lemoniz-1 Reactor
NT1 Lemoniz-2 Reactor
NT1 Leningrad-1 Reactor
NT1 Leningrad-2 Reactor
NT1 LFR Reactor
NT1 Lido Reactor
NT1 Lingen Reactor
NT1 LITR Reactor
NT1 LPR Reactor
NT1 LPTR Reactor
NT1 Lucens Reactor
NT1 LWBR Type Reactors
NT1 Maine Yankee Reactor
NT1 Malibu-1 Reactor
NT1 Marble Hill-1 Reactor
NT1 Marble Hill-2 Reactor
NT1 Maria Reactor
NT1 Marius Reactor
NT1 Melusine-1 Reactor
NT1 Merlin Reactor
NT1 MH-1A Reactor
NT1 Michigan State TRIGA-Mk-1 Reactor
NT1 Minerve Reactor
NT1 MIR Reactor
NT1 MITR Reactor
NT1 Montague-1 Reactor
NT1 Montague-2 Reactor
NT1 MRR Reactor
NT1 MSRE Reactor
NT1 MTR Reactor
NT1 Muehleberg Reactor
NT1 Muelheim-Kaerlich Reactor
NT1 Mutsu Reactor
NT1 MZFR Reactor
NT1 NBSR Reactor
NT1 NCA Reactor
NT1 NCSCR-1 Reactor
NT1 NCSCR-2 Reactor
NT1 NCSCR-3 Reactor
NT1 NCSCR-4 Reactor
NT1 NEP-1 Reactor
NT1 NEP-2 Reactor
NT1 Nestor Reactor
NT1 NETR Reactor
NT1 Nevada University Reactor
NT1 Newbold Island-1 Reactor
NT1 Newbold Island-2 Reactor
NT1 Niederaichbach Reactor
NT1 Nine Mile Point-1 Reactor
NT1 Nine Mile Point-2 Reactor
NT1 Nora Reactor
NT1 North Anna-3 Reactor
NT1 North Anna-4 Reactor
NT1 North Coast-1 Reactor
NT1 NRR Reactor
NT1 NRX Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NTR Reactor
NT1 Obrigheim Reactor
NT1 OKG-1 Reactor
NT1 OKG-2 Reactor
NT1 Oldbury-A Reactor
NT1 Oldbury-B Reactor
NT1 Osiris Reactor
NT1 OWR Reactor
NT1 Oyster Creek-1 Reactor
NT1 Palisades-1 Reactor
NT1 Palo Verde-1 Reactor
NT1 Palo Verde-2 Reactor
NT1 Palo Verde-3 Reactor
NT1 Palo Verde-4 Reactor
NT1 Palo Verde-5 Reactor
NT1 PCTR Reactor
NT1 Peach Bottom-1 Reactor
NT1 Pebble Springs-1 Reactor
NT1 Pebble Springs-2 Reactor
NT1 Pegase Reactor
NT1 Pelinduna Reactor
NT1 Perkins-1 Reactor
NT1 Perkins-2 Reactor
NT1 Perkins-3 Reactor
NT1 Perry-1 Reactor
NT1 Perry-2 Reactor
NT1 Perryman-1 Reactor
NT1 Perryman-2 Reactor
NT1 Phipps Bend-1 Reactor
NT1 Phipps Bend-2 Reactor
NT1 Pilgrim-1 Reactor
NT1 Pilgrim-2 Reactor
NT1 Pilgrim-3 Reactor
NT1 Pluto Reactor
NT1 PNPF Reactor
NT1 Proserpine Reactor
NT1 PRR Reactor
NT1 PSE Reactor
NT1 PSTR Reactor
NT1 PUR-1 Reactor
NT1 Quanicassee-1 Reactor
NT1 Quanicassee-2 Reactor
NT1 R-A Reactor
NT1 R-1 Reactor
NT1 RA-5 Reactor
NT1 RB-1 Reactor
NT1 RB-2 Reactor
NT1 Reed College TRIGA-1 Reactor
NT1 RG-1M Reactor
NT1 RITMO Reactor
NT1 Rowe Yankee Reactor
NT1 RTS-1 Reactor
NT1 RWE-Bayernwerk Reactor
NT1 Safari-1 Reactor
NT1 Saint Laurent-1 Reactor
NT1 Saint Laurent-2 Reactor
NT1 Salem-1 Reactor
NT1 Salem-2 Reactor
NT1 San Onofre-1 Reactor
NT1 San Onofre-2 Reactor
NT1 San Onofre-3 Reactor
NT1 Saphir Reactor
NT1 Savannah Reactor
NT1 Saxton Reactor
NT1 Seabrook-2 Reactor
NT1 Selni Reactor
NT1 Sequoyah-1 Reactor
NT1 Sequoyah-2 Reactor
NT1 SGHWR Reactor
NT1 SHCA Reactor
NT1 Shippingport Reactor
NT1 Shoreham Reactor
NT1 Siloe Reactor
NT1 Siloette Reactor
NT1 Sizewell-A Reactor
NT1 Sizewell-B Reactor
NT1 Skagit-1 Reactor
NT1 Skagit-2 Reactor
NT1 SL-1 Reactor
NT1 SM-1A Reactor
NT1 SM-1 Reactor
NT1 SM-2 Reactor
NT1 South Texas Project-1 Reactor
NT1 South Texas Project-2 Reactor
NT1 SPERT-1 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SPERT-4 Reactor
NT1 SPR-2 Reactor
NT1 SR-3P Reactor
NT1 SR-1 Reactor
NT1 SR-305 Reactor
NT1 SRE Reactor
NT1 SRRC-UTR-100 Reactor
NT1 Stade Reactor
NT1 Stanford Pool Reactor
NT1 Stark Reactor
NT1 STEK Reactor
NT1 Sterling-1 Reactor
NT1 Sterling-2 Reactor
NT1 STIR Reactor
NT1 Summer-1 Reactor
NT1 SUPO Reactor
NT1 SUR-100 Series Reactor
NT1 Surry-1 Reactor
NT1 Surry-2 Reactor
NT1 Surry-3 Reactor
NT1 Surry-4 Reactor
NT1 SUSPOP Reactor
NT1 Susquehanna-1 Reactor
NT1 Susquehanna-2 Reactor
NT1 Taiwan Research Reactor
NT1 Takahama-1 Reactor
NT1 Takahama-2 Reactor
NT1 Tarapur-1 Reactor
NT1 Tarapur-2 Reactor
NT1 Thermos Reactor
NT1 Thetis Reactor
NT1 Three Mile Island-1 Reactor
NT1 Three Mile Island-2 Reactor
NT1 THTR-300 Reactor
NT1 Tihange Reactor
NT1 Tokai-Mura Reactor
NT1 Toshiba Reactor
NT1 TR Reactor
NT1 TR-1 Reactor
NT1 Trawsfynydd Reactor
NT1 TREAT Reactor
NT1 Trico Reactor
NT1 TRIGA-Arizona Reactor
NT1 TRIGA-2-Bandung Reactor
NT1 Triga-Brazil Reactor
NT1 TRIGA-2-Dalat Reactor
NT1 TRIGA-F-Nor Reactor

NT1 TRIGA-1-Hanover Reactor
NT1 TRIGA-1-Heidelberg Reactor
NT1 TRIGA-2-Heidelberg Reactor
NT1 TRIGA-3-Illinois Reactor
NT1 TRIGA-2-Kansas Reactor
NT1 TRIGA-2-Ljubljana Reactor
NT1 TRIGA-2-Mainz Reactor
NT1 TRIGA-3-Munich Reactor
NT1 TRIGA-2-Musashi Reactor
NT1 TRIGA-2-Pavia Reactor
NT1 TRIGA-2 Reactor
NT1 TRIGA-2-Rikkyo Reactor
NT1 TRIGA-2-Rome Reactor
NT1 TRIGA-3-Salazar Reactor
NT1 TRIGA-2-Seoul Reactor
NT1 TRIGA-3-Seoul Reactor
NT1 TRIGA-Texas Reactor
NT1 TRIGA-Veterans Reactor
NT1 TRIGA-2-Vienna Reactor
NT1 Triton Reactor
NT1 Troitsk Reactor
NT1 Trojan Reactor
NT1 Trombay R-5 Reactor
NT1 TRR-1 Reactor
NT1 Tsuruga Reactor
NT1 TTR-1 Reactor
NT1 TTR-2 Reactor
NT1 Tullnerfeld Reactor
NT1 Turkey Point-3 Reactor
NT1 Turkey Point-4 Reactor
NT1 TVO-1 Reactor
NT1 TVO-2 Reactor
NT1 Tyrone-1 Reactor
NT1 Tyrone-2 Reactor
NT1 UCBRR Reactor
NT1 UCIRR Reactor
NT1 UCNR Reactor
NT1 UFTR Reactor
NT1 UHTREX Reactor
NT1 UKNR Reactor
NT1 Ulysse Reactor
NT1 UMNE-1 Reactor
NT1 UMRR Reactor
NT1 URR Reactor
NT1 UTR-10-Kinki Reactor
NT1 UTRR Reactor
NT1 UVAR Reactor
NT1 UWNR Reactor
NT1 UWRR Reactor
NT1 UWTR Reactor
NT1 VAK Reactor
NT1 Vandellos Reactor
NT1 VBWR Reactor
NT1 Venus Reactor
NT1 Vermont Yankee Reactor
NT1 Verplanck-1 Reactor
NT1 Verplanck-2 Reactor
NT1 VHTR Reactor
NT1 Vidal-1 Reactor
NT1 Vidal-2 Reactor
NT1 VK-50 Reactor
NT1 VPI-UTR-10 Reactor
NT1 WAGR Reactor
NT1 Watts Bar-1 Reactor
NT1 Watts Bar-2 Reactor
NT1 Windscale Production Reactors
NT1 WNP-1 Reactor
NT1 WNP-2 Reactor
NT2 Hanford-2 Reactor
NT1 WNP-3 Reactor
NT1 WNP-4 Reactor
NT1 WNP-5 Reactor
NT1 Wolf Creek-1 Reactor
NT1 WPIR Reactor
NT1 WR-1 Reactor
NT1 WRRR Reactor
NT1 WSUR Reactor
NT1 WTR Reactor
NT1 Wuergassen Reactor
NT1 WUP-3 Reactor
NT1 WUP-4 Reactor
NT1 WUP-5 Reactor
NT1 WUP-6 Reactor
NT1 WWER Type Reactors
NT2 Greifswald-1 Reactor
NT2 Greifswald-2 Reactor
NT2 Greifswald-3 Reactor
NT2 Greifswald-4 Reactor
NT2 Kola-1 Reactor
NT2 Kola-2 Reactor
NT2 Loviisa Reactor
NT2 Loviisa-1 Reactor
NT2 Loviisa-2 Reactor
NT2 PAKS-1 Reactor
NT2 PAKS-2 Reactor
NT2 Rovno-1 Reactor
NT2 Rovno-2 Reactor
NT2 Rovno-3 Reactor
NT2 WWER-1 Reactor
NT2 WWER-2 Reactor
NT2 WWER-3 Reactor
NT2 WWER-4 Reactor
NT2 WWER-5 Reactor
NT1 WWR-K-Alma-Ata Reactor
NT1 WWR-M-Kiev Reactor
NT1 WWR-M-Leningrad Reactor
NT1 WWR-2 Reactor
NT1 WWR-S-Baghdad Reactor
NT1 WWR-S-Bucharest Reactor
NT1 WWR-S-Budapest Reactor
NT1 WWR-S-Cairo Reactor
NT1 WWR-S-Moscow Reactor
NT1 WWR-S-Obninsk Reactor
NT1 WWR-S-Prague Reactor
NT1 WWR-S-Tashkent Reactor
NT1 WWR-SM Rossendorf Reactor
NT1 WWR-Z Reactor
NT1 Wyhl-1 Reactor
NT1 Wyhl-2 Reactor
NT1 Wylfa Reactor
NT1 X-10 Reactor
NT1 Yellow Creek-1 Reactor
NT1 Yellow Creek-2 Reactor
NT1 Zarnowiec Reactor
NT1 ZED-2 Reactor
NT1 Zenith Reactor
NT1 Zerlina Reactor
NT1 ZETR Reactor
NT1 Zimmer-1 Reactor
NT1 Zimmer-2 Reactor
NT1 Zion-1 Reactor
NT1 Zion-2 Reactor
NT1 Zorita-1 Reactor
NT1 ZPR Reactor

THERMAL SHIELDS [01]
BT1 Shields
RT Thermal Insulation

THERMAL SHOCK [01]
UF *Shock (Thermal)*
RT Thermal Cycling
RT Thermal Stresses

THERMAL SPIKES [01]
UF *Spikes (Thermal)*
RT Crystal Defects
RT Radiation Effects
RT Thermal-Nelson Model

THERMAL SPRINGS [01]
DA January 1976
NT1 Hot Springs
RT Hydrothermal Systems
RT Mineral Springs
RT Thermal Waters
DEF A spring whose water temperature is appreciably higher than the local mean annual atmospheric temperature. A thermal spring may be a hot spring or a warm spring.

Thermal Storage
DA February 1979
USE Heat Storage

THERMAL STRESSES [01]
BT1 Stresses
RT Thermal Shock
RT Thermoelasticity

Thermal Test Reactor-1
USE TTR-1 Reactor

Thermal Test Reactor-2
USE TTR-2 Reactor

THERMAL TESTING [01]
BT1 Nondestructive Testing
BT2 Materials Testing
BT3 Testing
NT1 Frost Tests
NT1 Thermography
NT2 Infrared Thermography

THERMAL TRANSMISSION ICES
DA October 1978
BT1 ICES
RT Co-Generation
RT District Heating
DEF High-quality thermal energy generated remotely and transmitted in thermal form to final cogeneration site.

THERMAL UTILIZATION [01]
RT Multiplication Factors

THERMAL WATERS
DA January 1975
RT Flashing
RT Fumaroles
RT Geothermal Fluids
RT Geysers
RT Hot Springs
RT Hydrothermal Systems
RT Thermal Springs
DEF Water, generally of a spring or geyser, whose temperature is appreciably above the local mean annual air temperature.

THERMALIZATION [01]
BT1 Slowing-Down
DEF Establishment of thermal equilibrium between neutrons and their surroundings.

THERMIC DIODE SOLAR PANELS
DA July 1979
BT1 Passive Solar Heating Systems
BT2 Solar Heating Systems
BT3 Heating Systems
RT Heat Storage
RT Solar Collectors

Thermionic Cells
USE Thermionic Converters

THERMIONIC COLLECTORS [01]
DA January 1976
RT Anodes
RT Thermionic Converters
RT Thermionic Diodes

THERMIONIC CONVERSION [01]
BT1 Direct Energy Conversion
BT2 Energy Conversion
BT3 Conversion
RT Thermionic Converters
RT Thermionic Diodes

THERMIONIC CONVERTERS [01]
UF *Thermionic Cells*
UF *Thermionic Generators*
BT1 Direct Energy Converters
RT Thermionic Collectors
RT Thermionic Conversion
RT Thermionic Diodes
RT Thermionic Emitters
RT Thermionic Fuel Elements
RT Thermionic Reactors
RT Topaz Reactor

THERMIONIC DIODES [01]
UF *Plasma Diodes*
BT1 Diode Tubes
BT2 Electron Tubes
BT1 Thermionic Tubes
BT2 Electron Tubes
RT Magnetic Insulation
RT Semiconductor Diodes
RT Thermionic Collectors
RT Thermionic Conversion
RT Thermionic Converters
RT Thermionic Emission
RT Thermionic Emitters

THERMIONIC EMISSION [01]
BT1 Emission

RT Electron Emission
RT Electron Tubes
RT Thermionic Diodes
RT Thermionic Emitters

THERMIONIC EMITTERS [01]
DA January 1976
RT Cathodes
RT Electron Sources
RT Thermionic Converters
RT Thermionic Diodes
RT Thermionic Emission

THERMIONIC FUEL ELEMENTS [01]
BT1 Fuel Elements
BT2 Reactor Components
RT Thermionic Converters
RT Thermionic Reactors

Thermionic Generators
USE Thermionic Converters

THERMIONIC REACTOR CRITICAL EXPERIMENTS
DA January 1975
UF *TRCE*
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Thermionic Reactors

Thermionic Reactor Experiment (TREX)
DA April 1975
USE Thermionic Reactors

THERMIONIC REACTORS [01]
(Limited to reactors with in-core thermionic cells.)
UF *Thermionic Reactor Experiment (TREX)*
BT1 Power Reactors
BT2 Reactors
NT1 ITR Reactor
RT Mobile Reactors
RT SNAP Reactors
RT Thermionic Converters
RT Thermionic Fuel Elements
RT Thermionic Reactor Critical Experiments

THERMIONIC TUBES [01]
BT1 Electron Tubes
NT1 Thermionic Diodes
RT Microwave Tubes

THERMIONICS [01]
RT Richardson Equation
RT Schottky Effect

THERMISTORS [01]
BT1 Semiconductor Devices
RT Resistors

THERMITE PROCESS [01]
BT1 Reduction
BT2 Chemical Reactions
RT Welding

THERMOACTINOMYCES
DA March 1979
BT1 Bacteria
BT2 Microorganisms
RT Enzymatic Hydrolysis

THERMOCHEMICAL HEAT STORAGE
DA June 1977
BT1 Heat Storage
BT2 Energy Storage
BT3 Storage
RT Dissociation Heat
RT Formation Heat
RT Reaction Heat
RT Thermal Energy Storage Equipment
RT Thermochemical Processes
DEF Storage of thermal energy in heat of decomposition and recombination of reversible chemical reactions.

THERMOCHEMICAL PROCESSES
DA January 1975
NT1 Combustion
NT2 Fluidized-Bed Combustion
NT2 In-Situ Combustion
NT2 Reverse Combustion
NT2 Spontaneous Combustion
NT1 Gasification
NT2 Coal Gasification
NT3 Agglomerating Ash Process
NT3 Arc Coal Process
NT3 Atgas Process
NT3 AVG Process
NT3 Babcock and Wilcox-DuPont Process
NT3 Bi-Gas Process
NT3 Bubiag-Didier Process
NT3 Carbon Dioxide Acceptor Process
NT3 CE Entrained Fuel Process
NT3 COGAS Process
NT3 Combined-Cycle FW Process
NT3 Consol Synthetic Gas Process
NT3 Exxon Gasification Process
NT3 Flash Hydropyrolysis Process
NT3 FW-Stoic Process
NT3 GEGAS Process
NT3 Hydrane Process
NT3 Hygas Process
NT3 I G Process
NT3 Kellogg Process
NT3 Koppers Process
NT3 Koppers-Totzek Process
NT3 Lichtenberg Process
NT3 Liquid Phase Methanation Process
NT3 Lurgi Process
NT3 Lurgi Slagging Process
NT3 McDowell-Wellman Process
NT3 MERC Process
NT3 Molten Salt Coal Gasification Process
NT3 Moving-Burden Process
NT3 Occidental Flash Pyrolysis Process
NT3 Panindco Process
NT3 Patgas Process
NT3 Riley-Morgan Process
NT3 Rockgas Process
NT3 Rombach Process
NT3 Saarberg-Otto Gasification Process
NT3 Schmalfeldt-Wintershall Process
NT3 Seacoke Process
NT3 Stone and Webster Gasification Process
NT3 Synthane Process
NT3 Texaco Gasification Process
NT3 Thyssen-Galocsy Process
NT3 Tosco-Dyne Process
NT3 Toscoal Process
NT3 Tri-Gas Process
NT3 U-Gas Process
NT3 Wellman-Incandescent Process
NT3 Westinghouse Gasification Process
NT3 Wilputte Process
NT3 Winkler Process
NT3 Woodall-Duckham Process
NT3 Zhuravlev Process
NT2 In-Situ Gasification
NT1 Liquefaction
NT2 Coal Liquefaction
NT3 ADL Process
NT3 Bergius Process
NT3 Catalytic Hydrosolvation Process
NT3 CFFC Process
NT3 COED Process
NT3 Coil Process
NT3 Costeam Process
NT3 CSF Process
NT3 Dow Liquefaction Process
NT3 Exxon Liquefaction Process
NT3 Flash Hydropyrolysis Process
NT3 H-Coal Process
NT3 Occidental Flash Pyrolysis Process
NT3 Pamco Process
NT3 Pott-Broche Process
NT3 Sasol Process
NT3 SRC-II Process
NT3 Supercritical Gas Extraction
NT3 Synthoil Process
NT3 Synthol Process
NT3 Uhde-Pfirrmann Process
NT3 Zinc Halide Process
NT2 In-Situ Liquefaction
NT1 Partial Oxidation Processes
NT1 Pyrolysis
NT2 Calcination
NT2 Cracking
NT3 Catalytic Cracking
NT3 Hydrocracking
NT3 Thermal Cracking
RT Hydrogen Production
RT Thermochemical Heat Storage
RT Water

THERMOCHROMATOGRAPHY [01]
DA April 1977
BT1 Chromatography
BT2 Separation Processes

THERMOCOUPLES [01]
BT1 Measuring Instruments
RT Calorimetric Dosemeters
RT Fission Thermocouple Detectors
RT Reactor Control Systems
RT Temperature Measurement
RT Thermoelectric Generators
RT Thermoelectricity

THERMODYNAMIC ACTIVITY [01]
(Used instead of molar fractions in non-ideal solutions.)
DA November 1976
UF *Chemical Activity*
UF+ *Activity Coefficient*
RT Chemical Reactions
RT Equilibrium
RT Phase Studies
RT Quantity Ratio
RT Thermodynamics

THERMODYNAMIC CYCLES [01]
UF *Cycles (Thermodynamic)*
NT1 Bottoming Cycles
NT1 Brayton Cycle
NT1 Carnot Cycle
NT1 Combined Cycles
NT1 Otto Cycle
NT1 Rankine Cycle
NT1 Stirling Cycle
NT1 Vuilleumier Cycle
RT Binary-Fluid Systems
RT Flashed Steam Systems
RT Thermodynamics
RT Topping Cycles
RT Total Flow Systems

THERMODYNAMIC MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
BT1 Statistical Models
BT2 Mathematical Models
NT1 Hydrodynamic Model

THERMODYNAMIC MOLECULAR MODEL [01]
BT1 Molecular Models
BT2 Mathematical Models

THERMODYNAMIC PROPERTIES [01]
UF *Heat Transfer Properties*
UF *Thermal Properties*
BT1 Physical Properties
NT1 Critical Pressure
NT1 Enthalpy
NT2 Absorption Heat
NT2 Adsorption Heat
NT2 Mixing Heat
NT2 Reaction Heat
NT3 Combustion Heat
NT3 Dissociation Heat
NT3 Formation Heat
NT2 Solution Heat
NT2 Transition Heat
NT3 Fusion Heat
NT3 Sublimation Heat

NT3 Vaporization Heat
NT1 Entropy
NT1 Free Energy
NT2 Formation Free Energy
NT2 Surface Energy
NT1 Free Enthalpy
NT2 Formation Free Enthalpy
NT1 Specific Heat
NT2 Electronic Specific Heat
NT2 Magnetic Specific Heat
NT2 Nuclear Specific Heat
NT1 Stored Energy
NT1 Thermal Conductivity
NT1 Thermal Diffusivity
NT1 Transition Temperature
NT2 Boiling Points
NT2 Critical Temperature
NT2 Curie Point
NT2 Lambda Point
NT2 Melting Points
NT2 Neel Temperature
NT1 Vapor Pressure
RT Apparent Molal Volume
RT Combustion Properties
RT Joule-Thomson Effect
RT Limiting Values
RT Partial Molal Volume
RT Prandtl Number
RT Thermal Equilibrium
RT Thermal Expansion
RT Thermal Radiation
RT Thermodynamics

THERMODYNAMICS [01]
RT Absolute Zero Temperature
RT Adiabatic Processes
RT Brayton Cycle
RT Carnot Cycle
RT Coefficient of Performance
RT Energy
RT Energy Recovery
RT Enthalpy
RT Entropy
RT Equations of State
RT Equilibrium
RT Heat Sinks
RT Heat Transfer
RT Irreversible Processes
RT Isentropic Processes
RT Isothermal Processes
RT Joule-Thomson Effect
RT Khalatnikov Theory
RT LTE
RT Mollier Diagrams
RT Nernst Heat Theorem
RT Onsager Relations
RT Partition Functions
RT Physical Metallurgy
RT Planck Radiation Formula
RT Rankine Cycle
RT Saha Equation
RT Steam Quality
RT Stirling Cycle
RT Thermal Efficiency
RT Thermodynamic Activity
RT Thermodynamic Cycles
RT Thermodynamic Properties
RT Virial Equation
RT Wigner Distribution

THERMOELASTICITY [01]
DA April 1977
BT1 Elasticity
BT2 Tensile Properties
BT3 Mechanical Properties
RT Stresses
RT Temperature Effects
RT Thermal Expansion
RT Thermal Stresses
DEF Dependence of the stress distribution of an elastic solid on its thermal state, or of its thermal conductivity on the stress distribution.

Thermoelectric Cells
USE Thermoelectric Generators

THERMOELECTRIC CONVERSION [01]
BT1 Direct Energy Conversion
BT2 Energy Conversion
BT3 Conversion
NT1 Thermal Batteries
RT Thermoelectric Generators
RT Thermoelectric Heaters
RT Thermoelectric Refrigerators

Thermoelectric Converters
USE Thermoelectric Generators

Thermoelectric Coolers
DA November 1976
USE Thermoelectric Refrigerators

THERMOELECTRIC GENERATORS [01]
UF *Thermoelectric Cells*
UF *Thermoelectric Converters*
BT1 Direct Energy Converters
RT Radioisotope Batteries
RT Radioisotope Heat Sources
RT Thermocouples
RT Thermoelectric Conversion
RT Thermoelectric Materials
RT Thermoelectricity

Thermoelectric Heat Pumps
DA November 1976
SEE Thermoelectric Heaters
OR Thermoelectric Refrigerators

THERMOELECTRIC HEATERS
DA November 1976
SF *Thermoelectric Heat Pumps*
BT1 Direct Energy Converters
BT1 Heaters
RT Thermoelectric Conversion

THERMOELECTRIC MATERIALS
DA January 1975
RT Semiconductor Materials
RT Thermoelectric Generators
RT Thermoelectric Properties
RT Thermoelectricity

THERMOELECTRIC PROPERTIES [01]
BT1 Electrical Properties
BT2 Physical Properties
RT Thermoelectric Materials

THERMOELECTRIC REFRIGERATORS
DA November 1976
SF *Thermoelectric Heat Pumps*
UF *Thermoelectric Coolers*
BT1 Direct Energy Converters
BT1 Refrigerators
BT2 Electric Appliances
BT3 Appliances
BT2 Refrigerating Machinery
RT Thermoelectric Conversion

THERMOELECTRICITY [01]
BT1 Electricity
RT Seebeck Effect
RT Thermocouples
RT Thermoelectric Generators
RT Thermoelectric Materials

THERMOGRAPHY [01]
DA September 1978
BT1 Thermal Testing
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
NT1 Infrared Thermography
RT Infrared Radiation
RT Temperature Measurement
DEF Technique employing heat transfer transients.

Thermogravimetry
USE Thermal Gravimetric Analysis

THERMOLUMINESCENCE [01]
BT1 Luminescence
RT Thermoluminescent Dosemeters

THERMOLUMINESCENT DOSEMETERS [01]
UF *Tld (Dosemeters)*
UF *Tld Systems*
BT1 Luminescent Dosemeters
BT2 Dosemeters
BT3 Measuring Instruments
RT Calcium Fluorides
RT Calcium Sulfates
RT Lithium Fluorides
RT Personnel Dosimetry
RT Thermoluminescence
RT Thermoluminescent Dosimetry

THERMOLUMINESCENT DOSIMETRY [01]
UF *Tld (Dosimetry)*
BT1 Dosimetry
RT Thermoluminescent Dosemeters

THERMOMAGNETIC CONVERSION [01]
BT1 Direct Energy Conversion
BT2 Energy Conversion
BT3 Conversion

THERMOMAGNETISM [01]
BT1 Magnetism

THERMOMETERS [01]
BT1 Measuring Instruments
NT1 Geothermometers
NT1 Noise Thermometers
RT Bolometers
RT Temperature Measurement

THERMOMETRIC TITRATION
DA April 1975
BT1 Titration

THERMONUCLEAR DEVICES [01]
NT1 Closed Plasma Devices
NT2 ASTRON
NT2 Blascon Devices
NT2 Heliotron
NT2 Internal Ring Devices
NT3 FM Devices
NT3 Levitron Devices
NT3 LM Devices
NT3 Spherator
NT3 Stator-B Device
NT3 Tokapole Devices
NT3 Tornado Devices
NT2 Stellarators
NT3 Clasp Device
NT3 Cleo Stellarator
NT3 Harmonica-2 Device
NT3 JIPP Stellarator
NT3 L-1 Stellarator
NT3 L-2 Stellarator
NT3 Proto-Cleo Stellarators
NT3 Pulsator Stellarator
NT3 Sirius Device
NT3 Stellarator Model C
NT3 TOR Devices
NT3 Torsatron
NT3 Torsatron Stellarator
NT4 Vint Torsatron
NT3 Uragan Stellarator
NT3 W Stellarators
NT3 Wega Stellarator
NT3 Wendelstein-2B Stellarator
NT3 Wendelstein-7 Stellarator
NT2 Tokamak Devices
NT3 Alcator Device
NT3 Asdex Tokamak
NT3 ATC Devices
NT3 Doublet-1 Device
NT3 Doublet-2 Device
NT3 JFT-2A Tokamak
NT3 JFT-2 Tokamak
NT3 LT-3 Tokamak
NT3 Ormak Devices
NT3 Petula Tokamak
NT3 Pulsator Devices
NT3 Smartor Device
NT3 ST Tokamak
NT3 TEXT Devices
NT3 TEXTOR Tokamak

NT3 TFR Tokamak
NT3 Tokapole Devices
NT3 Tormac Devices
NT3 Torus-II Tokamak
NT3 Tuman Devices
NT3 Two-Component Torus
NT2 Toroidal Pinch Devices
NT3 TLP Devices
NT4 Alpha Device
NT4 Zeta Devices
NT3 Toroidal Screw Pinch Devices
NT4 HBTX Devices
NT3 Toroidal Theta Pinch Devices
NT4 Scyllac Devices
NT1 Harmonica Devices
NT1 Migma Devices
NT1 Open Plasma Devices
NT2 Baseball Devices
NT2 Linear Pinch Devices
NT3 Linear Hard Core Pinch Devices
NT3 Linear Screw Pinch Devices
NT3 Linear Theta Pinch Devices
NT4 BSG Devices
NT4 Chalice Devices
NT4 Isar Devices
NT4 Pharos Devices
NT4 Piace Devices
NT4 Scylla Devices
NT3 Linear Z Pinch Devices
NT3 Megatron
NT2 Magnetic Mirrors
NT3 ALICE
NT3 ASPA Device
NT3 Beta II Devices
NT3 BSG Devices
NT3 Burnout Devices
NT3 CIRCE Devices
NT4 CIRCE-25Kw Device
NT3 DCX Devices
NT3 DECA Devices
NT3 Elmax Devices
NT3 Elmo Devices
NT4 Elmo Bumpy Torus
NT3 IMP Device
NT3 Interem Device
NT3 IXION
NT3 MFTF Devices
NT3 MFX Device
NT3 MTSE Devices
NT3 OGRA
NT3 Phoenix Devices
NT3 Pleiade Device
NT3 PR Devices
NT4 PR-6 Device
NT4 PR-7 Device
NT4 PR-8 Device
NT3 TMX Devices
NT3 VGL Devices
NT3 2X Devices
NT2 Plasma Focus Devices
NT2 Q Devices
NT3 Helios Devices
NT3 QP Devices
NT1 Pinch Devices
NT2 Grom Devices
NT2 Linear Pinch Devices
NT3 Linear Hard Core Pinch Devices
NT3 Linear Screw Pinch Devices
NT3 Linear Theta Pinch Devices
NT4 BSG Devices
NT4 Chalice Devices
NT4 Isar Devices
NT4 Pharos Devices
NT4 Piace Devices
NT4 Scylla Devices
NT3 Linear Z Pinch Devices
NT3 Megatron
NT2 Tesi Devices
NT2 Toroidal Pinch Devices
NT3 TLP Devices
NT4 Alpha Device
NT4 Zeta Devices
NT3 Toroidal Screw Pinch Devices
NT4 HBTX Devices
NT3 Toroidal Theta Pinch Devices
NT4 Scyllac Devices
NT1 Vintotron Devices
RT Beam Injection
RT Breeding Blankets
RT Confinement Time
RT Lawson Criterion
RT Limiters
RT Magnetic Field Configurations
RT Mass Balance
RT Plasma Heating
RT Plasma Production
RT Rotational Transform
RT Thermonuclear Reactors
RT Tritium Recovery

THERMONUCLEAR EXPLOSIONS [01]
BT1 Nuclear Explosions
BT2 Explosions
NT1 Schooner Event
RT Thermonuclear Reactions

THERMONUCLEAR FUELS [01]
DA June 1975
BT1 Fuels
RT Electron Beam Targets
RT Fusion Yield
RT Ion Beam Targets
RT Laser Targets

THERMONUCLEAR IGNITION [01]
UF *Ignition (Thermonuclear)*
RT Reactor Start-Up
RT Thermonuclear Reactors

THERMONUCLEAR POWER PLANTS [01]
DA August 1978
BT1 Power Plants
RT Thermonuclear Reactors

THERMONUCLEAR REACTIONS [01]
UF *Fusion (Nuclear)*
BT1 Nuclear Reactions
BT1 Nucleosynthesis
RT Chain Reactions
RT Fusion Yield
RT Matterhorn Project
RT Sherwood Project
RT Thermonuclear Explosions

THERMONUCLEAR REACTOR COOLING SYSTEMS
DA January 1975
BT1 Cooling Systems
RT Thermonuclear Reactors

THERMONUCLEAR REACTOR MATERIALS [01]
DA January 1975
RT FMIT Facility
RT Thermonuclear Reactors

THERMONUCLEAR REACTOR WALLS [01]
NT1 First Wall
RT Flibe
RT Thermonuclear Reactors

THERMONUCLEAR REACTORS [01]
(For use in cases where certain aspects of either hypothetical or real thermonuclear reactors are discussed.)
UF *Fusion Reactors*
NT1 D-T Reactors
NT2 Pulsed D-T Reactors
NT2 Steady-State D-T Reactors
NT1 E-Beam Type Reactors
NT1 I-Beam Type Reactors
NT1 Laser Fusion Reactors
NT2 HYLIFE Converter
NT1 Linear Pinch Type Reactors
NT1 LINUS Reactors
NT1 Magnetic Mirror Type Reactors
NT2 Field-Reversed Mirror Reactors
NT2 TMR Reactors
NT1 Pulsed Fusion Reactors
NT2 Pulsed D-T Reactors
NT1 Reference Theta Pinch Reactor
NT1 Steady-State Fusion Reactors
NT2 Steady-State D-T Reactors
NT1 Stellarator Type Reactors
NT1 SURMAC Reactors
NT1 Tokamak Type Reactors
NT2 Doublet Reactors
NT2 ISX Tokamak
NT2 JET Reactors
NT2 JT-60 Reactors
NT2 NUMAK Reactors
NT2 PLT Devices
NT2 TFTR Reactors
NT2 TNS Reactors
NT2 UWMAK Reactors
NT1 Toroidal Pinch Type Reactors
RT Breakeven
RT Breeding Pellets
RT Confinement Time
RT Divertors
RT Energy Balance
RT Fusion Yield
RT Hybrid Reactors
RT Hybrid Systems
RT Mass Balance
RT Power
RT Thermonuclear Devices
RT Thermonuclear Ignition
RT Thermonuclear Power Plants
RT Thermonuclear Reactor Cooling Systems
RT Thermonuclear Reactor Materials
RT Thermonuclear Reactor Walls
RT Tritium Recovery

Thermonuclear Weapons
USE Nuclear Weapons

THERMOPHILIC CONDITIONS
DA May 1977
RT Anaerobic Digestion
RT Fermentation
RT Mesophilic Conditions
DEF Temperature range centered at 70°C favoring the growth of certain bacteria.

THERMOPHOTOVOLTAIC CONVERSION
DA January 1975
BT1 Direct Energy Conversion
BT2 Energy Conversion
BT3 Conversion
RT Photovoltaic Conversion
RT Thermophotovoltaic Converters

THERMOPHOTOVOLTAIC CONVERTERS
DA January 1975
BT1 Direct Energy Converters
RT Photovoltaic Cells
RT Thermophotovoltaic Conversion

Thermopiles
DA May 1979
USE Fission Thermocouple Detectors

THERMOPLASTICS [01]
BT1 Organic Polymers
BT2 Organic Compounds
BT2 Polymers
BT1 Plastics
BT2 Petrochemicals
BT3 Petroleum Products

THERMOREGULATION
DA July 1977
BT1 Temperature Control
BT2 Control
RT Body Temperature
RT Metabolism
RT Physiology
DEF A mechanism by which mammals and birds balance heat gain and loss in order to maintain a constant body temperature.

THERMOS REACTOR [01]
DA March 1979
BT1 Process Heat Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors

BT1 Thermal Reactors
BT2 Reactors

THERMOSPHERE [01]
BT1 Earth Atmosphere

THERMOSTATS [01]
BT1 Control Equipment
BT2 Equipment
NT1 Cryostats
RT Temperature Control

THERMOSYPHON EFFECT
DA July 1977
BT1 Convection
RT Thermosyphons
DEF The flow of fluid due to the density differential that is created by temperature gradients.

THERMOSYPHONS
DA April 1979
RT Heat Transfer
RT Thermosyphon Effect
DEF A closed system which permits natural circulation and cooling of liquids by utilizing the difference in density of the hot and cold portions.

THERMOX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

Thesauri
DA November 1977
USE Standardized Terminology

THETA PINCH [01]
BT1 Pinch Effect
RT Linear Theta Pinch Devices
RT Toroidal Theta Pinch Devices

THETIS REACTOR [01]
UF *IISNR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

THIADIAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
DEF Compounds that contain a five-membered heterocyclic ring containing one sulfur and two nitrogen atoms.

THIAMINE [01]
UF *Vitamin B-1*
BT1 Amines
BT2 Organic Compounds
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT1 Thiazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Vitamin B Group
BT2 Vitamins

THIAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Benzothiazoles
NT1 Saccharin
NT1 Thiamine
DEF Compounds that contain a five-membered heterocyclic ring containing one sulfur and one nitrogen atom.

THICKNESS [01]
(Index only if essential.)
BT1 Dimensions
NT1 Half-Thickness
RT Distance
RT Radiation Length
RT Shielding
RT Size

THICKNESS GAGES [01]
BT1 Measuring Instruments
RT Radiometric Gages

THIN FILM STORAGE DEVICES [01]
BT1 Memory Devices

THIN-LAYER CHROMATOGRAPHY [01]
BT1 Chromatography
BT2 Separation Processes

Thio Compounds
USE Organic Sulfur Compounds

Thioalcohols
USE Thiols

THIOBACILLUS FERROXIDANS [01]
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms
RT Leaching
RT Oxidation
RT Uranium Ores

THIOBACILLUS OXIDANS [01]
BT1 Bacillus
BT2 Bacteria
BT3 Microorganisms
RT Leaching
RT Ore Processing
RT Oxidation

Thiocarbamides
USE Thioureas

THIOCTIC ACID [01]
UF *Lipoic Acid (Alpha)*
BT1 Disulfides
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Lipotropic Factors

THIOCYANATES [01]
UF *Rhodanates*
UF *Rhodanides*
UF *Sulfocyanides*
UF *Thiocyanides*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Isothiocyanates
RT Thiocyanic Acid

THIOCYANIC ACID [01]
RT Thiocyanates

Thiocyanides
USE Thiocyanates

Thioethers
USE Sulfides

Thioglycolicaminonaphthalide
USE Thionalide

THIOIC ACIDS [01]
BT1 Organic Acids
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Cystaphos

THIOLS [01]
UF *Mercaptans*
UF *Sulfhydryl Compounds*
UF *Thioalcohols*
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Cysteine
NT1 Dithiols
NT2 BAL
NT2 Unithiol
NT1 Malathion
NT1 MEA
NT1 MEG
NT1 Mercaptopurine
NT1 Penicillamine
NT1 Thionalide
NT1 Thiouracil

THIONALIDE [01]
UF *Thioglycolicaminonaphthalide*
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Reagents
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT Glycolic Acid

THIONAPHTHENES [01]
UF *Benzothiophenes*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

THIONATES
DA November 1976
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

THIONINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Nitrogen Compounds
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Phenothiazines

THIOPENTAL [01]
UF *Pentothal*
BT1 Anesthetics
BT2 Drugs
BT1 Barbiturates
BT2 Hypnotics and Sedatives
BT3 Drugs
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds

BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

THIOPHENE [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT TTA

THIOPHENOLS [01]
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

THIOPHOSPHORIC ACID ESTERS [01]
BT1 Esters
BT2 Organic Compounds
NT1 Gammaphos
NT1 Parathion
RT Organic Phosphorus Compounds
RT Organic Sulfur Compounds

THIOSORBIC PROCESS
DA August 1977
RT Desulfurization
RT Scrubbers
RT Waste Processing
DEF SO_2 converts magnesium sulfite to bisulfite in the scrubber, which is regenerated to soluble magnesium sulfite and precipitated calcium sulfite.

THIOSULFATES [01]
RT Sulfates

THIOURACIL [01]
BT1 Antithyroid Drugs
BT2 Drugs
BT1 Thiols
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds

THIOUREA [01]
BT1 Antithyroid Drugs
BT2 Drugs
BT1 Thioureas
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

THIOUREAS [01]
UF *Thiocarbamides*
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 AET
NT1 Thiourea
RT Amides

THIRD SOUND [01]
RT Superfluidity

THIRRING MODEL [01]
RT Quantum Field Theory

THIXOTROPY
DA July 1976
RT Gels
RT Plasticity
RT Rheology
RT Stability
RT Viscosity
DEF Property of certain gels which liquefy when subjected to vibratory forces.

THIYL RADICALS [01]
(For RS- radicals where R is organic component.)
BT1 Radicals

Thomas-Fermi-Dirac Model
USE Thomas-Fermi Model

THOMAS-FERMI MODEL [01]
UF *Fermi-Thomas Model*
UF *Thomas-Fermi-Dirac Model*
BT1 Atomic Models
BT2 Mathematical Models

Thomason Collectors
DA September 1978
USE Trickle-Type Collectors

THOMSON SCATTERING [01]
BT1 Inelastic Scattering
BT2 Scattering

THOR REACTOR [01]
UF *TOPR Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Intermediate Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Thoracic Duct
USE Lymph Vessels

Thorax
USE Chest

THOREX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

THORIANITE [01]
BT1 Rare Earth Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

THORIN [01]
BT1 Arsenic Compounds
BT1 Diazo Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Reagents
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

THORITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
NT1 Jiningite

THORIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
NT1 Thorium-Alpha
NT1 Thorium-Beta
RT Natural Radioactivity

THORIUM 213 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 214 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 215 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 216 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 217 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 218 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Nanosec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 219 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei

BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 220 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Microsec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 221 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 222 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 223 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 224 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 225 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 226 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 227 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 228 [01]
UF *Radiothorium*
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

THORIUM 229 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

THORIUM 230 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

THORIUM 231 [01]
UF *Uranium X 2*
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Thorium Cycle

THORIUM 233 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 234 [01]
UF *Uranium X 1*
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 235 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

THORIUM 236 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thorium Isotopes
BT2 Actinide Isotopes

Thorium A
USE Polonium 216

THORIUM ADDITIONS [01]
BT1 Thorium Alloys
BT2 Actinide Alloys
BT3 Alloys

THORIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys

BT1 Magnesium Alloy-HK31A
BT1 Thorium Additions
NT1 Thorium Base Alloys

THORIUM-ALPHA [01]
BT1 Thorium
BT2 Actinides
BT3 Metals
BT4 Elements

THORIUM ARSENIDES
DA August 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Thorium Compounds
BT2 Actinide Compounds

Thorium B
USE Lead 212

THORIUM BASE ALLOYS [01]
BT1 Thorium Alloys
BT2 Actinide Alloys
BT3 Alloys

THORIUM-BETA [01]
BT1 Thorium
BT2 Actinides
BT3 Metals
BT4 Elements

THORIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

Thorium C
USE Bismuth 212

Thorium C/
USE Polonium 212

Thorium C//
USE Thallium 208

THORIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes

THORIUM COMPOUNDS [01]
BT1 Actinide Compounds
NT1 Thorium Arsenides
NT1 Thorium Borides
NT1 Thorium Bromides
NT1 Thorium Carbides
NT1 Thorium Carbonates
NT1 Thorium Chlorides
NT1 Thorium Fluorides
NT1 Thorium Hydrides
NT1 Thorium Hydroxides
NT1 Thorium Iodides
NT1 Thorium Nitrates
NT1 Thorium Nitrides
NT1 Thorium Oxides
NT2 Aeschynite
NT2 Bastnaesite
NT2 Brannerite
NT2 Cerianite
NT2 Lodochnikite
NT2 Lyndochite
NT2 Naegite
NT2 Thorianite
NT2 Thorotrast
NT2 Uranothorianite
NT1 Thorium Perchlorates
NT1 Thorium Phosphates
NT2 Monazites
NT1 Thorium Phosphides
NT1 Thorium Selenides
NT1 Thorium Silicates
NT2 Allanite
NT3 Orthite
NT2 Ekanite
NT2 Freyalite
NT2 Huttonite
NT2 Hydrothorite
NT2 Mackintoshite
NT2 Maitlandite
NT2 Thorite
NT3 Jiningite
NT2 Thorogummite
NT2 Uranothorite
NT2 Yttrialite
NT1 Thorium Silicides
NT1 Thorium Sulfates
NT1 Thorium Sulfides
NT1 Thorium Tellurides
NT1 Thorium Tungstates
NT1 Thucholite

THORIUM CYCLE [01]
DA September 1977
BT1 Fuel Cycle
RT Nuclear Fuels
RT Thorium 232
DEF Use of thorium as the fertile material in reactor fuels.

Thorium D
USE Lead 208

THORIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

Thorium-Hochtemperatur Prototype Reactor
USE THTR-300 Reactor

THORIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

THORIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Thorium 213
NT1 Thorium 214
NT1 Thorium 215
NT1 Thorium 216
NT1 Thorium 217
NT1 Thorium 218
NT1 Thorium 219
NT1 Thorium 220
NT1 Thorium 221
NT1 Thorium 222
NT1 Thorium 223
NT1 Thorium 224
NT1 Thorium 225
NT1 Thorium 226
NT1 Thorium 227
NT1 Thorium 228
NT1 Thorium 229
NT1 Thorium 230
NT1 Thorium 231
NT1 Thorium 232
NT1 Thorium 233
NT1 Thorium 234
NT1 Thorium 235
NT1 Thorium 236

THORIUM MINERALS [01]
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
NT1 Aeschynite
NT1 Allanite
NT2 Orthite
NT1 Bastnaesite
NT1 Brannerite
NT1 Cerianite
NT1 Ekanite
NT1 Freyalite
NT1 Huttonite
NT1 Hydrothorite
NT1 Lodochnikite
NT1 Lyndochite
NT1 Mackintoshite
NT1 Maitlandite
NT1 Monazites
NT1 Naegite
NT1 Thorianite
NT1 Thorite
NT2 Jiningite
NT1 Thorogummite
NT1 Thucholite
NT1 Uranothorianite
NT1 Uranothorite
NT1 Yttrialite

THORIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM ORES [01]
BT1 Ores
RT Thorium Reserves

THORIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds
NT1 Aeschynite
NT1 Bastnaesite
NT1 Brannerite
NT1 Cerianite
NT1 Lodochnikite
NT1 Lyndochite
NT1 Naegite
NT1 Thorianite
NT1 Thorotrast

NT1 Uranothorianite
RT TD-Nickel
RT TD-Nickel Chromium

THORIUM PERCHLORATES
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds
NT1 Monazites

THORIUM PHOSPHIDES [01]
DA January 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM REACTORS [01]
BT1 Reactors
NT1 AVR Reactor
NT1 BORAX-4 Reactor
NT1 Dragon Reactor
NT1 ERR Reactor
NT1 SRE Reactor
NT1 THTR-300 Reactor
RT Zenith Reactor

THORIUM RESERVES
DA April 1976
BT1 Reserves
BT2 Resources
RT Thorium Ores

THORIUM SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds
NT1 Allanite
NT2 Orthite
NT1 Ekanite
NT1 Freyalite
NT1 Huttonite
NT1 Hydrothorite
NT1 Mackintoshite
NT1 Maitlandite
NT1 Thorite
NT2 Jiningite
NT1 Thorogummite
NT1 Uranothorite
NT1 Yttrialite

THORIUM SILICIDES [01]
DA March 1976
BT1 Silicides
BT2 Silicon Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM 229 TARGET [01]
DA July 1976
BT1 Targets

THORIUM 230 TARGET [01]
DA July 1976
BT1 Targets

THORIUM 231 TARGET [01]
DA March 1978
BT1 Targets

THORIUM 232 TARGET [01]
DA July 1976
BT1 Targets

THORIUM 233 TARGET [01]
DA March 1978
BT1 Targets

THORIUM 239 TARGET [01]
DA July 1976
BT1 Targets

THORIUM TELLURIDES [01]
DA April 1976
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds

THORIUM TUNGSTATES [01]
DA January 1975
BT1 Thorium Compounds
BT2 Actinide Compounds
BT1 Tungstates

Thorium X
USE Radium 224

THOROGUMMITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

Thoron
USE Radon 220

THOROTRAST [01]
BT1 Contrast Media
BT1 Radiocolloids
BT2 Colloids
BT3 Dispersions
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds

THREE-BODY PROBLEM [01]
BT1 Many-Body Problem
RT Faddeev Equations

THREE-DIMENSIONAL CALCULATIONS [01]
UF *Calculations (3-Dimensional)*
UF *3-Dimensional Calculations*
RT Adjoint Difference Method
RT Many-Dimensional Calculations
RT Mathematics

THREE MILE ISLAND-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

THREE MILE ISLAND-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

THREE-NUCLEON TRANSFER REACTIONS [01]
BT1 Multi-Nucleon Transfer Reactions
BT2 Transfer Reactions
BT3 Direct Reactions
BT4 Nuclear Reactions

THREONINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

THRESHOLD DETECTORS [01]
BT1 Neutron Detectors
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Activation Detectors
RT Fission Chambers
RT Fission Foil Detectors

THRESHOLD DOSE [01]
BT1 Radiation Doses
BT2 Doses

THRESHOLD ENERGY [01]
BT1 Energy
RT Interactions
RT Nuclear Reactions
RT Scattering

THRESHOLD RIGIDITY [01]
UF *Geomagnetic Cut-Off Rigidity*
RT Cosmic Radiation
RT Geomagnetic Field

Throat
USE Pharynx

THROMBIN [01]
BT1 Blood Coagulation Factors
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Thrombosis

Thrombocytes
USE Blood Platelets

THROMBOPLASTIN [01]
BT1 Blood Coagulation Factors

THROMBOPOIESIS [01]
BT1 Blood Formation
RT Blood Platelets

THROMBOSIS [01]
BT1 Cardiovascular Diseases
BT2 Diseases
RT Blood Coagulation
RT Blood Vessels
RT Fibrinolysin
RT Streptokinase
RT Thrombin

THRUSTERS
DA January 1975

RT Atlas Rockets
RT Missiles
RT Positioning
RT Propulsion
RT Ships
RT Space Vehicles

THTR-300 REACTOR [01]
UF *Schmehausen THTR Reactor*
UF *Thorium-Hochtemperatur Prototype Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Pebble Bed Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Thorium Reactors
BT2 Reactors

THUCHOLITE [01]
BT1 Bitumens
BT2 Tar
BT3 Other Organic Compounds
BT4 Organic Compounds
BT1 Thorium Compounds
BT2 Actinide Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Compounds
BT2 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
RT Rare Earths
RT Uraninites

THULIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

THULIUM 151
DA November 1976
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 153 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 154 [01]
DA April 1977
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 155 [01]
DA February 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 156 [01]
DA February 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 157 [01]
DA April 1975
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 158 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 159 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 160 [01]
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 161 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 162 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 163 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 164 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 165 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 166 [01]
BT1 Beta-Plus Decay Radioisotopes

BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 167 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 168 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 169 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 170 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 171 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 172 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 173 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 174 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 175 [01]
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM 176 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Thulium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

THULIUM ADDITIONS [01]
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Thulium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

THULIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Thulium Additions
NT1 Thulium Base Alloys

THULIUM ARSENIDES [01]
DA October 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM BASE ALLOYS [01]
BT1 Thulium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

THULIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

THULIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Thulium Arsenides
NT1 Thulium Borides
NT1 Thulium Bromides
NT1 Thulium Carbides
NT1 Thulium Chlorides
NT1 Thulium Fluorides
NT1 Thulium Hydrides
NT1 Thulium Hydroxides
NT1 Thulium Iodides
NT1 Thulium Nitrates
NT1 Thulium Nitrides
NT1 Thulium Oxides
NT1 Thulium Perchlorates
NT1 Thulium Phosphates
NT1 Thulium Phosphides
NT1 Thulium Selenides
NT1 Thulium Silicates
NT1 Thulium Silicides
NT1 Thulium Sulfates
NT1 Thulium Sulfides
NT1 Thulium Tellurides

THULIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM HYDROXIDES
DA January 1975
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM IODIDES [01]
DA April 1975
BT1 Iodides
BT2 Halides

BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

THULIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Thulium 151
NT1 Thulium 153
NT1 Thulium 154
NT1 Thulium 155
NT1 Thulium 156
NT1 Thulium 157
NT1 Thulium 158
NT1 Thulium 159
NT1 Thulium 160
NT1 Thulium 161
NT1 Thulium 162
NT1 Thulium 163
NT1 Thulium 164
NT1 Thulium 165
NT1 Thulium 166
NT1 Thulium 167
NT1 Thulium 168
NT1 Thulium 169
NT1 Thulium 170
NT1 Thulium 171
NT1 Thulium 172
NT1 Thulium 173
NT1 Thulium 174
NT1 Thulium 175
NT1 Thulium 176

THULIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM PERCHLORATES
DA October 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM PHOSPHATES [01]
DA December 1975
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM PHOSPHIDES [01]
DA November 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM SELENIDES [01]
DA April 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM SILICATES
DA November 1977
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM SILICIDES [01]
DA January 1976
BT1 Silicides
BT2 Silicon Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THULIUM 169 TARGET [01]
DA July 1976
BT1 Targets

THULIUM TELLURIDES [01]
DA April 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Thulium Compounds
BT2 Rare Earth Compounds

THUNDERBIRD PROJECT
(In-situ gasification of coal following nuclear fragmentation.)
DA November 1975
UF *Project Thunderbird*
RT Coal Gasification
RT Nuclear Explosions

THYLOX PROCESS
DA January 1975
RT Desulfurization
DEF Wet scrubbing process for the removal of H_2S using ammonium thioarsenate.

Thyme Camphor
USE Thymol

THYMECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Immunity
RT Thymus

Thymic Acid
USE Thymol

THYMIDINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Thymine

THYMIDYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Thymine

THYMINE [01]
UF *5-Methyluracil*
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Thymidine
RT Thymidylic Acid
RT Thymonucleic Acid

THYMOCYTES [01]
BT1 Somatic Cells
BT2 Animal Cells
RT Thymus

THYMOL [01]
UF *Hydroxy-para-Cymene*
UF *Isopropyl Cresol*
UF *Thyme Camphor*
UF *Thymic Acid*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
RT Cymene

THYMONUCLEIC ACID [01]
BT1 Nucleic Acids
BT2 Organic Compounds
RT Thymine

THYMUS [01]
BT1 Lymphatic System
BT1 Organs
BT2 Body
RT Calcitonin
RT Chest
RT Lymphocytes
RT Mediastinum
RT Thymectomy
RT Thymocytes
RT Thymus Cells

THYMUS CELLS [01]
BT1 Somatic Cells
BT2 Animal Cells
RT Thymus

THYRATRONS [01]
BT1 Gas Discharge Tubes
BT2 Electron Tubes
RT Rectifier Tubes
RT Switching Circuits

THYRISTORS [01]
BT1 Semiconductor Devices
RT Rectifiers
RT Switching Circuits

THYROCALCITONIN [01]
BT1 Thyroid Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Calcium

THYROGLOBULIN [01]
BT1 Globulins
BT2 Proteins
BT3 Organic Compounds
RT Iodine
RT Thyroid
RT Thyroid Hormones
RT Thyroxine

THYROID [01]
BT1 Endocrine Glands
BT2 Glands
BT3 Organs
BT4 Body
RT Blood-Plasma Clearance
RT Calcitonin
RT Goiter
RT Iodine
RT Neck
RT Parathyroid Glands
RT Thyroglobulin

RT Thyroid Hormones
RT Thyroidectomy
RT Thyroiditis

Thyroid Antagonists
USE Antithyroid Drugs

THYROID HORMONES [01]
BT1 Peptide Hormones
BT2 Hormones
NT1 Thyrocalcitonin
NT1 Thyroxine
NT1 Triiodothyronine
RT Hyperthyroidism
RT Hypothyroidism
RT Iodine
RT Metabolism
RT PBI
RT Thyroglobulin
RT Thyroid
RT Thyronine
RT TSH

Thyroid Stimulating Hormone
USE TSH

THYROIDECTOMY [01]
BT1 Surgery
BT2 Medicine
RT Thyroid

THYROIDITIS [01]
BT1 Endocrine Diseases
BT2 Diseases
RT Thyroid

THYRONINE [01]
UF *Desiodothyroxine*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Peptide Hormones
BT2 Hormones
RT Ethers
RT Thyroid Hormones
RT Thyroxine
RT Triiodothyronine

Thyrotoxicosis
USE Hyperthyroidism

Thyrotropin-Releasing Hormone
USE TRH

THYROXINE [01]
UF *T4 Hormone*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Organic Iodine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Thyroid Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Ethers
RT Thyroglobulin
RT Thyronine

THYSSEN-GALOCSY PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

TIBET
DA February 1975
BT1 Asia

TIBIA [01]
BT1 Skeleton
BT2 Organs
BT3 Body
RT Legs

TICKS [01]
BT1 Arachnids
BT2 Arthropods
BT3 Invertebrates
BT4 Animals

TID
USE Travelling Ionospheric Disturbance

TIDAL POWER
DA January 1975
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Tidal Power Plants
RT Tide
RT Water Current Power Generators

TIDAL POWER PLANTS
DA June 1975
BT1 Power Plants
NT1 Kislogubsk Power Plant
NT1 Passamaquoddy Power Plant
NT1 Rance Power Plant
RT Tidal Power

Tidal Waves
USE Tsunamis

TIDE
RT Seas
RT Tidal Power
RT Water Currents
RT Water Waves

Tiglium Oil
USE Croton Oil

TIHANGE REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TIKONAL [01]
DA December 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Nickel Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys

Til Oil
USE Sesame Oil

Tilting (Neutron Flux)
USE Neutron Flux Tilting

TIME DEPENDENCE [01]
RT Blood-Plasma Clearance
RT Confinement Time
RT Delayed Radiation Effects
RT Differential PAC
RT Early Radiation Effects
RT Incubation
RT Mortality
RT Quarantine
RT Retention Functions
RT Survival Time
RT Temporal Dose Distributions

TIME INTERVAL ANALYZERS [01]
BT1 Measuring Instruments
NT1 Chronotrons
NT2 Vernier Chronotrons
RT Atomic Clocks
RT Time Measurement

TIME MEASUREMENT [01]
RT Atomic Clocks
RT Calendars
RT Coincidence Circuits
RT Dead Time
RT Measuring Instruments
RT Pendulums
RT Pulse Rise Time
RT Time Interval Analyzers
RT Timing Circuits
RT Timing Properties

Time-of-day Pricing
DA May 1979
USE Peak-Load Pricing

TIME-OF-FLIGHT METHOD [01]
RT Charge Plunger Method
RT Time-of-Flight Spectrometers

TIME-OF-FLIGHT SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT Time-of-Flight Method

TIME PROJECTION CHAMBERS
DA February 1979
UF *TPC*
BT1 Particle Identification
BT1 Radiation Detectors
BT2 Measuring Instruments
DEF Charged-particle detector that provides particle identification through ionization loss sampling as well as three-dimensional particle trajectory measurement.

TIME RESOLUTION [01]
BT1 Resolution
BT1 Timing Properties
RT Pulse Pileup
DEF Minimum time interval between events to be detected.

Time-Reversal Invariance
USE T Invariance

TIME-SERIES ANALYSIS
DA February 1978
BT1 Mathematics
RT Decision Making
RT Forecasting
RT Mathematical Models

TIME-TO-AMPLITUDE CONVERTERS [01]
BT1 Pulse Converters
BT2 Electronic Equipment

TIMING CIRCUITS [01]
BT1 Electronic Circuits
RT Dead Time
RT Discriminators
RT Sweep Circuits
RT Time Measurement
RT Timing Properties

TIMING PROPERTIES [01]
NT1 Dead Time
NT1 Pulse Rise Time
NT1 Time Resolution
RT Pulse Pileup
RT Time Measurement
RT Timing Circuits
DEF Properties of a detector, circuit or other component related to time measurement, such as its pulse rise time or time resolution, etc.

TIMKEN ALLOYS [01]
BT1 Chromium-Nickel Steels
BT2 Chromium Steels
BT3 Chromium Alloys
BT4 Alloys
BT3 Steels
BT4 Iron Base Alloys
BT5 Iron Alloys
BT6 Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Cobalt Alloys
BT2 Alloys

BT1 Molybdenum Alloys
BT2 Alloys
BT1 Stainless Steels
BT2 Chromium Alloys
BT3 Alloys
BT2 Corrosion Resistant Alloys
BT3 Alloys
BT2 Steels
BT3 Iron Base Alloys
BT4 Iron Alloys
BT5 Alloys

TIN [01]
BT1 Metals
BT2 Elements

TIN 104 [01]
DA September 1976
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 106 [01]
DA January 1975
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 107 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 108 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 109 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 110 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 111 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 112 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 113 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes
RT Radioisotope Generators

TIN 114 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 115 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 116 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 117 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 118 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 119 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 120 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 121 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TIN 122 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 123 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 124 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei

BT1 Stable Isotopes
BT2 Isotopes
BT1 Tin Isotopes

TIN 125 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 126 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TIN 127 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 128 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 129 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 130 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 131 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 132 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tin Isotopes

TIN 133 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN 134 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tin Isotopes

TIN ADDITIONS [01]
BT1 Tin Alloys
BT2 Alloys
NT1 Zamak

TIN ALLOYS [01]
BT1 Alloys
NT1 Alloy-Ts5
NT1 Bronze
NT1 Cerrobend Alloys
NT1 Lichtenberg Alloy
NT1 Newton-Metal
NT1 Ounce Metal
NT1 Rose-Metal
NT1 Terne-Metal
NT1 Tin Additions
NT2 Zamak
NT1 Tin Base Alloys
NT1 Transage 117
NT1 Transage 120
NT1 Transage 129
NT1 Transage 134
NT1 Wood Metal
NT1 Zircaloy
NT2 Zircaloy 2
NT2 Zircaloy 4

TIN ARSENIDES
DA November 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Tin Compounds

TIN BASE ALLOYS [01]
BT1 Tin Alloys
BT2 Alloys

TIN BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Tin Compounds

TIN BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tin Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tin Compounds

TIN CARBIDES
DA December 1975
BT1 Carbides
BT2 Carbon Compounds
BT1 Tin Compounds

TIN CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tin Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tin Compounds

TIN COMPLEXES [01]
BT1 Complexes

TIN COMPOUNDS [01]
NT1 Stannates
NT2 Cadmium Stannates
NT1 Tin Arsenides
NT1 Tin Borides
NT1 Tin Carbides
NT1 Tin Halides
NT2 Tin Bromides
NT2 Tin Chlorides
NT2 Tin Fluorides
NT2 Tin Iodides
NT1 Tin Hydrides
NT1 Tin Hydroxides
NT1 Tin Nitrides
NT1 Tin Oxides
NT1 Tin Phosphates
NT1 Tin Phosphides
NT1 Tin Selenides
NT1 Tin Sulfates
NT1 Tin Sulfides
NT1 Tin Tellurides
NT1 Tin Tungstates

TIN FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tin Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tin Compounds

TIN HALIDES
DA June 1977
BT1 Halides
BT2 Halogen Compounds
BT1 Tin Compounds
NT1 Tin Bromides
NT1 Tin Chlorides
NT1 Tin Fluorides
NT1 Tin Iodides

TIN HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Tin Compounds

TIN HYDROXIDES [01]
BT1 Hydroxides

BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Tin Compounds

TIN IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Tin Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Tin Compounds

TIN IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TIN ISOTOPES [01]
NT1 Tin 104
NT1 Tin 106
NT1 Tin 107
NT1 Tin 108
NT1 Tin 109
NT1 Tin 110
NT1 Tin 111
NT1 Tin 112
NT1 Tin 113
NT1 Tin 114
NT1 Tin 115
NT1 Tin 116
NT1 Tin 117
NT1 Tin 118
NT1 Tin 119
NT1 Tin 120
NT1 Tin 121
NT1 Tin 122
NT1 Tin 123
NT1 Tin 124
NT1 Tin 125
NT1 Tin 126
NT1 Tin 127
NT1 Tin 128
NT1 Tin 129
NT1 Tin 130
NT1 Tin 131
NT1 Tin 132
NT1 Tin 133
NT1 Tin 134

TIN NITRIDES [01]
DA January 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Tin Compounds

TIN ORES [01]
DA October 1975
BT1 Ores

TIN OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Tin Compounds
RT Stannates

TIN PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Tin Compounds

TIN PHOSPHIDES [01]
DA November 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Tin Compounds

TIN 120 REACTIONS [01]
DA August 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

TIN SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 *Selenium Compounds*
BT1 Tin Compounds

TIN SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Tin Compounds

TIN SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Tin Compounds

TIN 112 TARGET [01]
DA July 1976
BT1 Targets

TIN 114 TARGET [01]
DA July 1976
BT1 Targets

TIN 115 TARGET [01]
DA December 1976
BT1 Targets

TIN 116 TARGET [01]
DA July 1976
BT1 Targets

TIN 117 TARGET [01]
DA July 1976
BT1 Targets

TIN 118 TARGET [01]
DA July 1976
BT1 Targets

TIN 119 TARGET [01]
DA July 1976
BT1 Targets

TIN 120 TARGET [01]
DA July 1976
BT1 Targets

TIN 122 TARGET [01]
DA July 1976
BT1 Targets

TIN 124 TARGET [01]
DA July 1976
BT1 Targets

TIN TELLURIDES [01]
DA May 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Tin Compounds

TIN TUNGSTATES
DA January 1975
BT1 Tin Compounds
BT1 Tungstates

TINEA
DA July 1979
BT1 Fungi
BT2 Plants

TIOGA NITROGEN REMOVAL PROCESS
DA March 1976
RT Nitrogen

TIPVANE ROTORS
DA September 1978
UF *Dynamic Inducer Rotors*
BT1 Rotors
RT Wind Turbines
DEF Horizontal axis turbines with small wings attached at right angles to the rotor tips

TIRES
DA January 1975
RT Vehicles
RT Wheels

TIRON [01]
BT1 Polyphenols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Reagents
BT1 Sodium Compounds
BT2 Alkali Metal Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

TISSUE CULTURES [01]
UF *Cultures (Tissue)*
UF *Organ Cultures*
RT Cell Cultures
RT Culture Media
RT In Vitro
RT Tissues

TISSUE DISTRIBUTION
DA February 1975
BT1 Distribution
RT Radionuclide Kinetics
RT Tissues

Tissue Equivalent Chambers
USE Bragg Gray Chambers

TISSUE-EQUIVALENT DETECTORS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Dose Equivalents

TISSUE-EQUIVALENT MATERIALS [01]
RT Phantoms
RT Tissues

TISSUE EXTRACTS [01]
DA January 1975
BT1 Biological Materials
BT1 Tissues
BT2 Body
RT Cell Constituents
RT Mitogens
RT Radioprotective Substances

TISSUES [01]
(For animal tissues only.)
UF *Animal Tissues*
UF+ *Muscular Tissue*
BT1 Body
NT1 Bone Marrow
NT1 Connective Tissue
NT2 Adipose Tissue
NT2 Bone Tissues
NT3 Antlers
NT3 Trabecular Bone
NT2 Cartilage
NT2 Fascia
NT2 Ligaments
NT1 Endothelium
NT1 Epithelium
NT2 Epidermis
NT1 Nerve Tissue
NT1 Perfused Tissues
NT1 Reticuloendothelial System
NT1 Tissue Extracts
RT Biological Materials
RT Biological Regeneration
RT Biology
RT Biopsy
RT Capillaries
RT Histological Techniques
RT Histology
RT Homogenates
RT In Vivo
RT Morphological Changes
RT Organs
RT Plant Tissues
RT Retention
RT Skin
RT Tissue Cultures
RT Tissue Distribution

RT Tissue-Equivalent Materials

TITANATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds
NT1 Cadmium Titanates
NT1 Strontium Titanates
RT Titanium Oxides

TITANITE [01]
RT Titanium Silicates

TITANIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Titanium-Alpha
NT1 Titanium-Beta
RT Kroll Process

TITANIUM 41 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Titanium Isotopes

TITANIUM 42 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Titanium Isotopes

TITANIUM 43 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Titanium Isotopes

TITANIUM 44 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Titanium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

TITANIUM 45 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Titanium Isotopes

TITANIUM 46 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Titanium Isotopes

TITANIUM 47 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Titanium Isotopes

TITANIUM 48 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Titanium Isotopes

TITANIUM 49 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Titanium Isotopes

TITANIUM 50 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Titanium Isotopes
RT Titanium 50 Reactions

TITANIUM 51 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Titanium Isotopes

TITANIUM 52 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Titanium Isotopes

TITANIUM 53 [01]
DA September 1976
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Titanium Isotopes

TITANIUM ADDITIONS [01]
BT1 Titanium Alloys
BT2 Alloys
NT1 Alloy-Ehi 868
NT1 Alloy-IN-102
NT1 Alloy-KH20N80T
NT1 Alloy-KHN78T
NT1 Alloy-N-10M
NT1 Alloy-VM-1
NT1 Alloy-Zm-2A
NT1 Duranickel
NT1 Stainless Steel-321
NT1 Stainless Steel-Z6cnd17-13B
NT1 Stainless Steel-Z6cnt18-10
NT1 Stainless Steel-Z8cnt18-10
NT1 Stainless Steel-Z6cnt18-12B
NT1 Steel-DIN-1-4970
NT1 Steel-Ehp678
NT1 Steel-0Kh18g8n2t
NT1 Steel-Kh17n13m2t
NT1 Steel-Kh17n13m3t
NT1 Steel-0Kh18n9t
NT1 Steel-0Kh18n10t
NT1 Steel-0Kh19nt
NT1 Steel-00Kh20n32t
NT1 Steel-0Kh21n5t
NT1 Steel-0Kh22n5t
NT1 Steel-1Kh18n9t
NT1 Steel-1Kh18n10t
NT1 Steel-Kh18n9t
NT1 Steel-Kh18n10t
NT1 Steel-Kh18n12t
NT1 Steel-37Khn3t
NT1 Steel-Khn35vt
NT1 Steel-Kh13s2yu2bt
NT1 Steel-N26kht1

TITANIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-A-286
NT1 Alloy-B-1900
NT1 Alloy-C-103
NT1 Alloy-D-979
NT1 Alloy-EHI 826
NT1 Alloy-EHI437B
NT1 Alloy-EHP-199
NT1 Alloy-IN-100
NT1 Alloy-IN-853
NT1 Alloy-Khn60mkbyut
NT1 Alloy-Khn77tyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-M-252
NT1 Alloy-Mar-M246
NT1 Alloy-N28t3
NT1 Alloy-Nt25a5
NT1 Alloy-TZC
NT1 Alloy-TZM
NT1 Alloy-Vus-6
NT1 Astroloy
NT1 Carboloy
NT1 Discaloy
NT1 Inconel 700
NT1 Inconel 702
NT1 Inconel 738
NT1 Inconel 713C
NT1 Inconel X750
NT1 Konel
NT1 Ni-O-Nel
NT1 Nimonic 90
NT1 Nimonic 105
NT1 Nimonic 80A
NT1 Nimonic PE16
NT1 Nitinol
NT1 Rene 41
NT1 Rene 80
NT1 Rene 95
NT1 Rene-100
NT1 Steel-Ehp679
NT1 Steel-Ehp699
NT1 Steel-03Kh11n10m2t
NT1 Steel-Kh15n20m2t2
NT1 Steel-03Kh11n10m2tk6
NT1 Steel-1-Kh18n20t3p
NT1 Steel-Kh12n20t3p
NT1 Steel-Kh18n22v2t2
NT1 Steel-N36khtyu
NT1 Steel-Vzh102
NT1 Tikonal
NT1 Titanium Additions
NT2 Alloy-Ehi 868

NT2 Alloy-IN-102
NT2 Alloy-KH20N80T
NT2 Alloy-KHN78T
NT2 Alloy-N-10M
NT2 Alloy-VM-1
NT2 Alloy-Zm-2A
NT2 Duranickel
NT2 Stainless Steel-321
NT2 Stainless Steel-Z6cnd17-13B
NT2 Stainless Steel-Z6cnt18-10
NT2 Stainless Steel-Z8cnt18-10
NT2 Stainless Steel-Z6cnt18-12B
NT2 Steel-DIN-1-4970
NT2 Steel-Ehp678
NT2 Steel-0Kh18g8n2t
NT2 Steel-Kh17n13m2t
NT2 Steel-Kh17n13m3t
NT2 Steel-0Kh18n9t
NT2 Steel-0Kh18n10t
NT2 Steel-0Kh19nt
NT2 Steel-00Kh20n32t
NT2 Steel-0Kh21n5t
NT2 Steel-0Kh22n5t
NT2 Steel-1Kh18n9t
NT2 Steel-1Kh18n10t
NT2 Steel-Kh18n9t
NT2 Steel-Kh18n10t
NT2 Steel-Kh18n12t
NT2 Steel-37Khn3t
NT2 Steel-Khn35vt
NT2 Steel-Kh13s2yu2bt
NT2 Steel-N26kht1
NT1 Titanium Base Alloys
NT2 Alloy-60T
NT2 Alloy-Ts5
NT2 Alloy-Vt1-0
NT2 Alloy-VT3-1
NT2 Alloy-VT6
NT2 Alloy-Vt8
NT2 Alloy-VT9
NT2 Alloy-VT14
NT2 Alloy-VT15
NT2 Alloy-VT16
NT2 Alloy-VT20
NT2 Alloy-VT22
NT2 Alloy-VTZ-1
NT2 Transage 117
NT2 Transage 120
NT2 Transage 134
NT1 Transage 129
NT1 Udimet Alloys
NT2 Udimet 700
NT1 Waspaloy

TITANIUM-ALPHA [01]
BT1 Titanium
BT2 Transition Elements
BT3 Metals
BT4 Elements

TITANIUM BASE ALLOYS [01]
BT1 Titanium Alloys
BT2 Alloys
NT1 Alloy-60T
NT1 Alloy-Ts5
NT1 Alloy-Vt1-0
NT1 Alloy-VT3-1
NT1 Alloy-VT6
NT1 Alloy-Vt8
NT1 Alloy-VT9
NT1 Alloy-VT14
NT1 Alloy-VT15
NT1 Alloy-VT16
NT1 Alloy-VT20
NT1 Alloy-VT22
NT1 Alloy-VTZ-1
NT1 Transage 117
NT1 Transage 120
NT1 Transage 134

TITANIUM-BETA [01]
BT1 Titanium
BT2 Transition Elements
BT3 Metals
BT4 Elements

TITANIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

TITANIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Titanates
NT2 Cadmium Titanates
NT2 Strontium Titanates
NT1 Titanium Borides
NT1 Titanium Bromides
NT1 Titanium Carbides
NT1 Titanium Chlorides
NT1 Titanium Fluorides
NT1 Titanium Hydrides
NT1 Titanium Hydroxides
NT1 Titanium Iodides
NT1 Titanium Nitrates
NT1 Titanium Nitrides
NT1 Titanium Oxides
NT2 Aeschynite
NT2 Brannerite
NT2 Ilmenite
NT2 Lodochnikite
NT2 Marignacite
NT2 Perovskite
NT2 Rutile
NT1 Titanium Phosphates
NT1 Titanium Selenides
NT1 Titanium Silicates
NT1 Titanium Silicides
NT1 Titanium Sulfates
NT1 Titanium Sulfides
NT1 Titanium Tellurides
NT1 Titanium Tungstates

TITANIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TITANIUM ISOTOPES [01]
NT1 Titanium 41
NT1 Titanium 42
NT1 Titanium 43
NT1 Titanium 44
NT1 Titanium 45
NT1 Titanium 46
NT1 Titanium 47
NT1 Titanium 48
NT1 Titanium 49
NT1 Titanium 50
NT1 Titanium 51
NT1 Titanium 52
NT1 Titanium 53

TITANIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds
NT1 Aeschynite
NT1 Brannerite
NT1 Ilmenite
NT1 Lodochnikite
NT1 Marignacite
NT1 Perovskite
NT1 Rutile
RT Titanates

TITANIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM 48 REACTIONS [01]
DA March 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

TITANIUM 50 REACTIONS [01]
DA June 1975
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions
RT Titanium 50

TITANIUM SELENIDES [01]
DA February 1978
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds
RT Titanite

TITANIUM SILICIDES [01]
DA January 1975

BT1 Silicides
BT2 Silicon Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM 44 TARGET [01]
DA September 1978
BT1 Targets

TITANIUM 45 TARGET [01]
DA March 1978
BT1 Targets

TITANIUM 46 TARGET [01]
DA July 1976
BT1 Targets

TITANIUM 47 TARGET [01]
DA July 1976
BT1 Targets

TITANIUM 48 TARGET [01]
DA July 1976
BT1 Targets

TITANIUM 49 TARGET [01]
DA July 1976
BT1 Targets

TITANIUM 50 TARGET [01]
DA July 1976
BT1 Targets

TITANIUM TELLURIDES
DA September 1978
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Titanium Compounds
BT2 Transition Element Compounds

TITANIUM TUNGSTATES
DA January 1975
BT1 Titanium Compounds
BT2 Transition Element Compounds
BT1 Tungstates

TITRATION [01]
NT1 Amperometry
NT1 Iodometry
NT1 Potentiometry
NT1 Thermometric Titration
RT Potentiostats
RT Quantitative Chemical Analysis

TIWI GEOTHERMAL FIELD
DA July 1977
BT1 Geothermal Fields
RT Philippines

TLATELOLCO TREATY [01]
DA January 1976
BT1 Treaties

Tld (Dosemeters)
USE Thermoluminescent Dosemeters

Tld (Dosimetry)
USE Thermoluminescent Dosimetry

Tld Systems
USE Thermoluminescent Dosemeters

TLM CONFIGURATIONS [01]
DA October 1975
BT1 Magnetic Mirror Configurations
BT2 Open Configurations
BT3 Magnetic Field Configurations

TLP DEVICES [01]
UF *Longitudinal Pinch Devices (Toroidal)*
UF *Toroidal Longitudinal Pinch Device*
BT1 Toroidal Pinch Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
NT1 Alpha Device
NT1 Zeta Devices
RT Longitudinal Pinch

TMR REACTORS
DA April 1978
BT1 Magnetic Mirror Type Reactors
BT2 Thermonuclear Reactors

TMX DEVICES [01]
DA August 1977
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices
RT Magnetic Mirror Type Reactors
DEF Tandem mirror experiment at LLL.

TNA [01]
UF *Trinonylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Chelating Agents

Tnp
USE Picric Acid

TNS REACTORS [01]
(The next logical tokamak confinement device beyond TFTR.)
DA March 1978
UF *The Next Step Device*
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors

TNT [01]
UF *Trinitrotoluene*
BT1 Chemical Explosives
BT2 Explosives
BT1 Nitro Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Toluene

TNTR-Kiwi
USE Kiwi-TNT Reactor

TOA [01]
UF *Trioctylamine*
BT1 Amines
BT2 Organic Compounds
BT1 Chelating Agents

TOADS
DA September 1977
BT1 Amphibians
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

TOBACCO [01]
RT Crops
RT Nicotiana

TOBACCO MOSAIC VIRUS [01]
BT1 Viruses
BT2 Microorganisms
BT2 Parasites
RT Plant Diseases

Tobacco Plant
USE Nicotiana

TOBACCO PRODUCTS
DA January 1975
RT Nicotiana
RT Tobacco Smokes

TOBACCO SMOKES [01]
DA April 1975
BT1 Smokes
BT2 Aerosols
BT3 Sols
BT4 Colloids
BT5 Dispersions
BT2 Residues
RT Tobacco Products

Tocopherols
USE Vitamin E

Tohoku-1 Reactor
USE Onagawa-1 Reactor

TOILETS
DA June 1977

Tokai-Mura Critical Facility
USE AHR Reactor

Tokai-Mura Fast Critical Assembly
USE FCA Reactor

TOKAI-MURA REACTOR [01]
DA January 1975
UF *JAPCO-1 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TOKAI-2 REACTOR [01]
DA January 1975
UF *JAPCO-3 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors

TOKAMAK DEVICES [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices
NT1 Alcator Device
NT1 Asdex Tokamak
NT1 ATC Devices
NT1 Doublet-1 Device
NT1 Doublet-2 Device
NT1 JFT-2A Tokamak
NT1 JFT-2 Tokamak
NT1 LT-3 Tokamak
NT1 Ormak Devices
NT1 Petula Tokamak
NT1 Pulsator Devices
NT1 Smartor Device
NT1 ST Tokamak
NT1 TEXT Devices
NT1 TEXTOR Tokamak
NT1 TFR Tokamak
NT1 Tokapole Devices
NT1 Tormac Devices
NT1 Torus-II Tokamak
NT1 Tuman Devices
NT1 Two-Component Torus
RT Banana Regime
RT Flux Conserving Tokamaks
RT Pfirsch-Schlueter Regime
RT Tokamak Type Reactors

Tokamak Fontenay-Aux-Roses
USE TFR Tokamak

Tokamak Model ST
USE ST Tokamak

TOKAMAK TYPE REACTORS
DA September 1976
BT1 Thermonuclear Reactors

NT1 Doublet Reactors
NT1 ISX Tokamak
NT1 JET Reactors
NT1 JT-60 Reactors
NT1 NUMAK Reactors
NT1 PLT Devices
NT1 TFTR Reactors
NT1 TNS Reactors
NT1 UWMAK Reactors
RT PDX Devices
RT Tokamak Devices

TOKAPOLE DEVICES
DA December 1978
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

Tokyo-1 Reactor
USE Fukushima-1 Reactor

Tokyo-2 Reactor
USE Fukushima-2 Reactor

Tokyo-3 Reactor
USE Fukushima-3 Reactor

Tokyo-4 Reactor
USE Fukushima-4 Reactor

TOKYO SYNCHROTRON [01]
(1.3-Gev electron synchrotron.)
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

TOLAN [01]
UF *Phenylacetylene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

TOLERANCE
DA August 1976
RT Biological Adaptation

Toller Poles
USE Lorentz Poles

TOLUENE [01]
UF *Methylbenzene*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
RT TNT
RT Toluidines

TOLUIDINE BLUE [01]
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
RT Toluidines

TOLUIDINES [01]
UF *Aminotoluenes*
UF *Tolylamines*
BT1 Amines
BT2 Organic Compounds
RT Toluene
RT Toluidine Blue

Toluylene Red
USE Neutral Red

TOLYL RADICALS [01]
BT1 Aryl Radicals
BT2 Radicals

Tolylamines
USE Toluidines

TOMATOES [01]
BT1 Vegetables
BT2 Food

TOMOGRAPHY [01]
UF *Laminography*
NT1 CAT Scanning
NT2 ECAT Scanning
RT Collimators
RT Diagnostic Techniques
RT Focusing
RT Radioisotope Scanning

TOMONAGA APPROXIMATION [01]
UF *Intermediate Coupling Approximation*
RT Intermediate Coupling

TOMSK SYNCHROTRON [01]
UF *Sirius Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

TONGUE [01]
BT1 Oral Cavity
BT2 Digestive System
BT1 Organs
BT2 Body
RT Muscles

TONKS-DATTNER RESONANCE
DA May 1975
RT Plasma Waves

Tonks-Langmuir Oscillations
USE Tonks-Langmuir Theory

TONKS-LANGMUIR THEORY [01]
UF *Tonks-Langmuir Oscillations*
RT Plasma Waves

TONOPAH TEST RANGE [01]
DA August 1975
BT1 Test Facilities
RT Nevada

Tonsils
USE Lymphatic System
AND Pharynx

TOOLS [01]
NT1 Cutting Tools
RT Machine Tools
RT Machining
RT Presses

Top Accidents
DA March 1979
USE Transient Overpower Accidents

TOPAZ REACTOR [01]
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
RT Hydride Moderators
RT Thermionic Converters

TOPHET [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

TOPO [01]
UF *Trioctylphosphine Oxide*
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds

TOPOGRAPHY [01]
RT Earth Planet
RT Maps

TOPOLOGICAL FOLIATION [01]
DA June 1975
RT Differential Topology
RT Smooth Manifolds
RT Surfaces

TOPOLOGICAL MAPPING [01]
UF *Mapping (Topological)*
BT1 Transformations
NT1 Conformal Mapping
RT Mapping Fibration
RT Mathematical Manifolds
RT Topology

TOPOLOGY [01]
BT1 Mathematics
NT1 Differential Topology
RT Cobordism Theory
RT Dimensions
RT Global Analysis
RT Invariant Imbedding
RT Mathematical Manifolds
RT Topological Mapping

TOPPING CYCLES
DA January 1975
RT Thermodynamic Cycles

TOPR Reactor
USE THOR Reactor

TOPS [01]
UF *Trioctylphosphine Sulfide*
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds

TOPSOE-SNPA PROCESS
DA December 1977
RT Desulfurization
RT Waste Processing
DEF Dry catalytic oxidation and reduction process for treating Claus tail gas.

TOR DEVICES
DA May 1975
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TORBANITE
DA January 1975
BT1 Boghead Coal
BT2 Sapropelic Coal
BT3 Coal
BT4 Carbonaceous Materials
BT4 Fossil Fuels
BT5 Energy Sources
BT5 Fuels
RT Minerals

TORBERNITE [01]
BT1 Copper Phosphates
BT2 Copper Compounds
BT3 Transition Element Compounds
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

TORI [01]
RT Annular Space
RT Aspect Ratio
RT Rings
RT Rotational Transform
RT Toroidal Configuration

TORMAC DEVICES [01]
DA July 1975
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TORNADO DEVICES [01]
BT1 Internal Ring Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TORNADO TURBINES
DA June 1977

BT1 Vertical Axis Turbines
BT2 Wind Turbines
DEF Grumman Aerospace Corp. name for vertical axis turbine in bottom of vertical slotted cylinder with large air intake beneath cylinder.

TORNADOES [01]
BT1 Storms
BT2 Disasters
BT1 Wind
RT Turbulence
RT Weather

TOROIDAL CONFIGURATION [01]
BT1 Annular Space
BT2 Configuration
RT Closed Configurations
RT Tori

Toroidal Longitudinal Pinch Device
USE TLP Devices

TOROIDAL PINCH DEVICES [01]
BT1 Closed Plasma Devices
BT2 Thermonuclear Devices
BT1 Pinch Devices
BT2 Thermonuclear Devices
NT1 TLP Devices
NT2 Alpha Device
NT2 Zeta Devices
NT1 Toroidal Screw Pinch Devices
NT2 HBTX Devices
NT1 Toroidal Theta Pinch Devices
NT2 Scyllac Devices
RT Banana Regime
RT Toroidal Pinch Type Reactors

TOROIDAL PINCH TYPE REACTORS
DA September 1976
BT1 Thermonuclear Reactors
RT Toroidal Pinch Devices

TOROIDAL SCREW PINCH DEVICES [01]
BT1 Toroidal Pinch Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
NT1 HBTX Devices
RT Screw Pinch

TOROIDAL THETA PINCH DEVICES [01]
BT1 Toroidal Pinch Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
BT2 Pinch Devices
BT3 Thermonuclear Devices
NT1 Scyllac Devices
RT Reference Theta Pinch Reactor
RT Theta Pinch

TORQUE [01]
RT Torsion

Torrey Pines TRIGA-Mark-3 Reactor
USE TRIGA-3-La Jolla Reactor

TORSATRON
DA January 1975
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TORSATRON STELLARATOR [01]
DA May 1975
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices
NT1 Vint Torsatron

TORSION [01]
RT Deformation
RT Springs
RT Torque

TORULA [01]
UF *Torulopsis*
BT1 Yeasts
BT2 Fungi
BT3 Plants
BT2 Microorganisms

Torulopsis
USE Torula

TORUS-II TOKAMAK [01]
(Device to be built within the EURATOM-CEA Association.)
DA April 1977
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TORY-2A REACTOR [01]
SF *Experimental Propulsion Test Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Propulsion Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

TORY-2C REACTOR [01]
SF *Experimental Propulsion Test Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Propulsion Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

TOSBAC COMPUTERS
DA June 1975
BT1 Computers

TOSCO-DYNE PROCESS
DA January 1979
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Combined-Cycle Power Plants
RT Toscoal Process
DEF Coal is pyrolyzed to intermediate BTU gas, liquid product and char; the char is converted to low BTU gas in fluidized bed gasifier.

TOSCO PROCESS
DA January 1975
RT Oil Shales
DEF Crushed raw shale preheated to approx. 400°F is transported to a pyrolysis drum and mixed with ceramic balls preheated to approx. 1100°. When shale reaches a temperature of approx. 900°F, conversion of the kerogen to hydrocarbon vapors is substantially complete. Pyrolysis vapors are then condensed, fractionated and piped to upgrading facility for refining.

TOSCOAL PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Tosco-Dyne Process
DEF The Oil Shale Corporation pyrolysis process that produces char with a high heating value plus oil and gas. Hot ceramic balls are used as a heat source.

TOSHIBA REACTOR [01]
UF *Toshiba Training Reactor*
UF *TTR-1 Toshiba Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Toshiba Training Reactor
USE Toshiba Reactor

Total-Absorption Spectrometers
DA April 1975
USE Shower Counters

TOTAL CROSS SECTIONS [01]
BT1 Cross Sections
RT Pomeranchuk Theorem

TOTAL ENERGY SYSTEMS
DA February 1975
UF *Integrated Utility Systems*
UF *IUS*
RT Co-Generation
RT Combined Cycles
RT DEUS
RT Energy Cascade
RT Energy Conservation
RT Energy Consumption
RT ICES
RT IEUS
RT MIUS

TOTAL FLOW SYSTEMS
DA May 1975
RT Geothermal Energy Conversion
RT Steam
RT Thermodynamic Cycles
RT Water
DEF A system in which the total hot well head brine-steam mixture is passed through a mixed-phase expander to drive a turbine and an electric generating system.

Toughness (Fracture)
USE Fracture Properties

TOURMALINE [01]
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Boron Silicates
BT2 Boron Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals
RT Dielectric Track Detectors

TOWER FOCUS COLLECTORS
DA January 1975
BT1 Solar Collectors
RT Tower Focus Power Plants

TOWER FOCUS POWER PLANTS
DA September 1975
BT1 Solar Thermal Power Plants
BT2 Solar Power Plants
BT3 Power Plants
RT Central Receivers

RT Tower Focus Collectors

Tower Shielding Reactor-1
USE TSR-1 Reactor

Tower Shielding Reactor-2
USE TSR-2 Reactor

Towers (Extraction)
USE Extraction Columns

Towers (Structures)
USE Mechanical Structures

TOWN GAS
(450 to 550 Btu/ft³.)
DA January 1975
BT1 Intermediate BTU Gas
BT2 Fuel Gas
BT3 Energy Sources
BT3 Gas Fuels
BT4 Fuels
BT3 Gases
BT4 Fluids
RT Coal Gas
RT JGC Methane-Rich Gas Process
DEF Gas produced by a public utility for general use.

Townsend Avalanche
USE Townsend Discharge

TOWNSEND DISCHARGE [01]
UF *Townsend Avalanche*
UF *Townsend Formula*
UF *Townsend Theory*
BT1 Electric Discharges
RT Avalanche Quenching

Townsend Formula
USE Townsend Discharge

TOWNSEND PROCESS
DA January 1975
RT Desulfurization
DEF Sweetens natural gas by treating it with solution of SO_2 in hygroscopic organic liquid, e.g., diethylene glycol containing no more than 10% H_2O.

Townsend Theory
USE Townsend Discharge

TOXIC MATERIALS
DA June 1977
NT1 Toxins
NT2 Endotoxins
RT Hazardous Materials
RT Toxicity

TOXICITY [01]
RT Acute Exposure
RT Aflatoxin
RT Biological Effects
RT Chronic Exposure
RT Dose-Response Relationships
RT Drugs
RT Mimosine
RT Toxic Materials
RT Toxins
RT Venoms

TOXINS [01]
BT1 Antigens
BT1 Toxic Materials
NT1 Endotoxins
RT Antitoxins
RT Bacteria
RT Clostridium
RT Hazardous Materials
RT Radiotoxins
RT Toxicity
RT Toxoids
RT Venoms

TOXOIDS [01]
DA December 1975
RT Antibodies
RT Immune Reactions
RT Immunity
RT Toxins

TPC
DA February 1979
USE Time Projection Chambers

TPO [01]
UF *Triphenylphosphine Oxide*
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
RT Phosphines

TR REACTOR [01]
UF *Moscow Tank Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TR-0 REACTOR [01]
UF *Czechoslovak TR-0 Reactor*
UF *Rez TR-0 Reactor*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

TR-1 REACTOR [01]
UF *Turkish Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

TRABECULAR BONE [01]
BT1 Bone Tissues
BT2 Connective Tissue
BT3 Tissues
BT4 Body
RT Bone Marrow

TRACE AMOUNTS [01]
UF+ *Trace Elements*
RT Carrier-Free Isotopes
RT Crystal Doping
RT Doped Materials
RT Impurities
RT Inclusions
RT Ion Implantation
RT Microanalysis

Trace Elements
(Use descriptors listed below or specific elements and TRACE AMOUNTS.)
USE Elements
AND Trace Amounts

TRACER TECHNIQUES [01]
BT1 Isotope Applications
NT1 Dual-Isotope Subtraction Technique
NT1 Isotope Dilution
NT1 Labelled Pool Techniques
NT1 Radioactive Tracer Logging
NT1 Radioimmunoassay
RT Autoradiography
RT Crime Detection
RT Diagnosis
RT Diagnostic Techniques
RT Dynamic Function Studies
RT Labelled Compounds
RT Nuclear Medicine
RT Radio-Release Analysis
RT Radionuclide Kinetics
RT Radionuclide Migration

TRACHEA [01]
BT1 Respiratory System
RT Intratracheal Administration
RT Mediastinum

Track Detectors (Dielectric)
USE Dielectric Track Detectors

Track Detectors (Gas)
USE Gas Track Detectors

Track Detectors (Photographic)
USE Photographic Film Detectors

TRACKLESS VEHICLES
DA June 1979
UF *Free Steered Vehicles*
BT1 Vehicles

Tracks
USE Particle Tracks

Tract C-a Prototype Oil Shale Project
DA March 1976
USE Rio Blanco Oil Shale Project

TRADE [01]
SF *Sales*
NT1 Net Trade
NT1 Nuclear Trade
RT Cartels
RT Commerce
RT Commercial Sector
RT Economics
RT Embargoes
RT Exports
RT Imports
RT Material Substitution
RT Monopolies
RT Supply and Demand
RT Tariffs
RT Taxes

Trade (Nuclear)
DA March 1978
USE Nuclear Trade

TRADESCANTIA [01]
BT1 Plants

TRAFFIC CONTROL
DA January 1978
BT1 Control
RT Vehicles
DEF Control of vehicular traffic such as priority highway lanes, stoplight control, or rapid-transit train control.

Training
USE Education

TRAINING REACTORS [01]
BT1 Research and Test Reactors
BT2 Reactors
NT1 Aerojet-General Nucleonics Reactors
NT2 AGN-201 Reactor Series
NT3 AGN-201M-105 Reactor
NT3 AGN-201M-112 Reactor
NT3 AGN-201P-103 Reactor
NT3 AGN-201P-111 Reactor
NT3 AGN-201-100 Reactor
NT3 AGN-201-101 Reactor
NT3 AGN-201-102 Reactor
NT3 AGN-201-104 Reactor

NT3 AGN-201-106 Reactor
NT3 AGN-201-107 Reactor
NT3 AGN-201-108 Reactor
NT3 AGN-201-109 Reactor
NT3 AGN-201-110 Reactor
NT3 AGN-201-113 Reactor
NT3 AGN-201-114 Reactor
NT2 AGN-211 Reactor Series
NT3 AGN-211P-100 Reactor
NT3 AGN-211-101 Reactor
NT3 AGN-211-102 Reactor
NT3 AGN-211-103 Reactor
NT2 AGNIR Reactor
NT1 AFRRI Reactor
NT1 AI-L-77 Reactor
NT1 Apsara Reactor
NT1 ARBI Reactor
NT1 Argonaut Reactor
NT1 ARGOS Reactor
NT1 Athene Reactor
NT1 ATPR Reactor
NT1 BGRR Reactor
NT1 Budapest Training Reactor
NT1 BYU L-77 Reactor
NT1 Cesnef Reactor
NT1 Cirus Reactor
NT1 Colorado TRIGA-Mk-3 Reactor
NT1 Columbia TRIGA-Mk-2 Reactor
NT1 Consort-2 Reactor
NT1 Cornell TRIGA-Mk-2 Reactor
NT1 CWRR Reactor
NT1 Dow TRIGA-Mk-1 Reactor
NT1 DR-1 Reactor
NT1 EER Reactor
NT1 FIR-1 Reactor
NT1 FNR Reactor
NT1 FR-0 Reactor
NT1 FRF Reactor
NT1 FRG-1 Reactor
NT1 Gleep Reactor
NT1 GTRR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 Gulf TRIGA-Mk-3 Reactor
NT1 HOR Reactor
NT1 HTR Reactor
NT1 IAN-R1 Reactor
NT1 Iowa UTR-10 Reactor
NT1 Jason Reactor
NT1 JRR-1 Reactor
NT1 KUR Reactor
NT1 LFR Reactor
NT1 Manhattan College Reactor
NT1 Melusine-1 Reactor
NT1 Merlin Reactor
NT1 MITR Reactor
NT1 MOATA Reactor
NT1 MURR Reactor
NT1 NCSCR-1 Reactor
NT1 NCSCR-2 Reactor
NT1 NCSCR-3 Reactor
NT1 NCSCR-4 Reactor
NT1 Nevada University Reactor
NT1 NSCR Reactor
NT1 OSTR Reactor
NT1 OSUR Reactor
NT1 PRNC-L-77 Reactor
NT1 PSTR Reactor
NT1 PUR-1 Reactor
NT1 Queen Mary College UTR-B Reactor
NT1 R-B Reactor
NT1 RA-1 Reactor
NT1 Reed College TRIGA-1 Reactor
NT1 RIEN-1 Reactor
NT1 RRR Reactor
NT1 RTS-1 Reactor
NT1 RV-1 Reactor
NT1 SCA Reactor
NT1 SR-3P Reactor
NT1 SRRC-UTR-100 Reactor
NT1 Stanford Pool Reactor
NT1 Stark Reactor
NT1 Strasbourg-Cronenbourg Reactor
NT1 SUR-100 Series Reactor
NT1 Thetis Reactor
NT1 THOR Reactor
NT1 Toshiba Reactor
NT1 TR-1 Reactor
NT1 Trico Reactor
NT1 TRIGA-2-Pavia Reactor
NT1 TRR-1 Reactor
NT1 UCBRR Reactor
NT1 UFTR Reactor
NT1 Ulysse Reactor
NT1 UMNE-1 Reactor
NT1 UMRR Reactor
NT1 URR Reactor
NT1 UTR-10-Kinki Reactor
NT1 UVAR Reactor
NT1 UWNR Reactor
NT1 UWRR Reactor
NT1 UWTR Reactor
NT1 VPI-UTR-10 Reactor
NT1 WPIR Reactor
NT1 WWR-S-Budapest Reactor
NT1 X-10 Reactor
NT1 ZPR Reactor

Training-Research Reactor Kyoto
USE KUR Reactor

TRAINS
DA February 1975
BT1 Vehicles
NT1 Levitated Trains
NT1 Railroad Cars
RT Electric Railways
RT Railways
RT Rapid Transit Systems
RT Transportation Systems

TRAJECTORIES [01]
RT Beam Dynamics
RT Motion
RT Orbits
RT Particle Tracks

TRAMEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Amines
RT Solvent Extraction

TRANQUILIZERS [01]
UF *Promazine*
UF *Tranquillizers*
BT1 Psychotropic Drugs
BT2 Drugs
NT1 Chlorpromazine
NT1 Imipramine
NT1 Reserpine

Tranquillizers
USE Tranquilizers

TRANS 104 ELEMENT COMPOUNDS [01]
BT1 Transuranium Compounds
NT1 Element 105 Compounds
NT1 Element 106 Compounds
NT1 Element 107 Compounds
NT1 Element 108 Compounds
NT1 Element 109 Compounds
NT1 Element 110 Compounds
NT1 Element 111 Compounds
NT1 Element 112 Compounds
NT1 Element 113 Compounds
NT1 Element 114 Compounds
NT1 Element 126 Compounds

TRANS 104 ELEMENTS [01]
UF *Superheavy Elements*
BT1 Transplutonium Elements
BT2 Transuranium Elements
BT3 Elements
NT1 Element 105
NT1 Element 106
NT1 Element 107
NT1 Element 108
NT1 Element 109
NT1 Element 110
NT1 Element 111
NT1 Element 112
NT1 Element 113
NT1 Element 114
NT1 Element 115
NT1 Element 116
NT1 Element 117
NT1 Element 118
NT1 Element 126
NT1 Element 128
NT1 Element 134
NT1 Element 145
NT1 Element 164
NT1 Element 173

TRANSAGE 117
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

TRANSAGE 120
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

TRANSAGE 129 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys
BT1 Titanium Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys
BT1 Zirconium Base Alloys
BT2 Zirconium Alloys
BT3 Alloys

TRANSAGE 134
DA January 1975
BT1 Aluminium Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys
BT1 Titanium Base Alloys
BT2 Titanium Alloys
BT3 Alloys
BT1 Vanadium Alloys
BT2 Alloys
BT1 Zirconium Alloys
BT2 Alloys

Transalaska Pipeline
DA November 1976
USE Alaska Oil Pipeline

Transaminases
USE Aminotransferases

TRANSCRIPTION
DA June 1976
RT DNA Replication
RT Genes
RT Messenger-RNA
DEF The formation of messenger RNA from DNA. The process of transmitting information in a gene into a messenger RNA molecule which can leave the cell nucleus and move to the site of protein synthesis.

TRANSDUCERS [01]
RT Electrical Equipment
RT Measuring Instruments

Transfer (Electron)
USE Electron Transfer

Transfer (Energy)
USE Energy Transfer

Transfer (Four Momentum)
DA April 1978
USE Four Momentum Transfer

Transfer (Heat)
USE Heat Transfer

Transfer (In Environment)
USE Radionuclide Migration

Transfer (In Organism)
USE Radionuclide Kinetics

Transfer (Linear Momentum)
USE Linear Momentum Transfer

Transfer (Mass)
USE Mass Transfer

Transfer (Momentum)
DA November 1978
USE Momentum Transfer

Transfer (Q-Squared)
DA April 1978
USE Four Momentum Transfer

TRANSFER FUNCTIONS [01]
BT1 Functions
RT Reactor Stability
RT Real Time Systems

TRANSFER MATRIX METHOD [01]
RT Cross Sections
RT Mathematical Operators
RT Neutron Transport Theory

TRANSFER NUMBERS [01]
RT Electrophoresis

TRANSFER REACTIONS [01]
(For nuclear reactions only; see also CHARGE EXCHANGE and ELECTRON TRANSFER.)
BT1 Direct Reactions
BT2 Nuclear Reactions
NT1 Multi-Nucleon Transfer Reactions
NT2 Four-Nucleon Transfer Reactions
NT3 Alpha-Transfer Reactions
NT2 Many-Nucleon Transfer Reactions
NT2 Three-Nucleon Transfer Reactions
NT2 Two-Nucleon Transfer Reactions
NT1 One-Nucleon Transfer Reactions
NT1 Pickup Reactions
NT1 Stripping
RT Neutron Transfer

TRANSFER RNA [01]
BT1 RNA
BT2 Nucleic Acids
BT3 Organic Compounds

TRANSFERASES [01]
BT1 Enzymes
NT1 Aminotransferases
NT1 Phosphotransferases
NT2 Hexokinase
NT2 Nucleases
NT2 RNA-ase

TRANSFERRIN [01]
BT1 Globulins-Beta
BT2 Globulins
BT3 Proteins
BT4 Organic Compounds

TRANSFORMATIONS [01]
DA June 1975
NT1 Galilei Transformations
NT1 Integral Transformations
NT2 Fourier Transformation
NT2 Hankel Transform
NT2 Hilbert Transformation
NT2 Laplace Transformation
NT2 Mellin Transform
NT1 Lorentz Transformations
NT1 Orthogonal Transformations
NT1 Topological Mapping
NT2 Conformal Mapping

TRANSFORMERS [01]
BT1 Electrical Equipment
BT2 Equipment
RT DC to DC Converters
RT Electric Coils

TRANSFRONTIER CONTAMINATION [01]
DA March 1978
BT1 Contamination
RT Bilateral Agreements
RT Contamination Regulations
RT Environmental Transport
RT Radionuclide Migration

TRANSFUSIONS [01]
BT1 Therapy
RT Blood
RT Blood Groups
RT Blood Substitutes
RT Transplants

Transient Nuclear Test Reactor-Kiwi
USE Kiwi-TNT Reactor

TRANSIENT OVERPOWER ACCIDENTS
DA March 1979
UF *Top Accidents*
BT1 Reactor Accidents
BT2 Accidents
RT Transients
DEF Continuous ramp reactivity insertion with steady coolant flow but with loss of protection systems which results in fuel element failure.

Transient Reactor Test Facility
USE TREAT Reactor

Transient Species
DA August 1979
SEE Reaction Intermediates

TRANSIENTS [01]
RT ATWS
RT Overcurrent
RT Overvoltage
RT Peaks
RT Steady-State Conditions
RT Surges
RT Temperature Noise
RT Transient Overpower Accidents
RT Variations

TRANSISTOR AMPLIFIERS [01]
BT1 Amplifiers
BT2 Electronic Equipment
RT Transistors

TRANSISTOR OSCILLATORS [01]
BT1 Oscillators
BT2 Electronic Equipment
RT Pulse Circuits
RT Transistors

TRANSISTOR SWITCHING CIRCUITS [01]
BT1 Switching Circuits
BT2 Electronic Circuits
RT Switching Diodes

TRANSISTOR TRIGGER CIRCUITS [01]
BT1 Trigger Circuits
BT2 Pulse Circuits
BT3 Electronic Circuits

TRANSISTORS [01]
UF *Diode Transistors*
BT1 Semiconductor Devices
NT1 Field Effect Transistors
NT1 Junction Transistors
NT1 MIS Transistors
NT1 MOS Transistors
NT2 MOSFET
NT1 Phototransistors
NT1 Surface Barrier Transistors
RT Electronic Circuits
RT Transistor Amplifiers
RT Transistor Oscillators

TRANSIT-TIME MAGNETIC PUMPING [01]
UF *TTMP*
BT1 Magnetic-Pumping Heating
BT2 High-Frequency Heating
BT3 Plasma Heating
BT4 Heating
RT Fast Magnetoacoustic Waves
RT Landau Damping

TRANSITION AMPLITUDES [01]
DA August 1976
BT1 Amplitudes
NT1 Decay Amplitudes

TRANSITION BOILING [01]
BT1 Boiling
BT2 Phase Transformations

TRANSITION ELEMENT ALLOYS [01]
DA February 1975
BT1 Alloys

TRANSITION ELEMENT COMPLEXES [01]
BT1 Complexes
NT1 Chromium Complexes
NT1 Cobalt Complexes
NT1 Copper Complexes
NT2 Ceruloplasmin
NT1 Gold Complexes
NT1 Hafnium Complexes
NT1 Iridium Complexes
NT1 Iron Complexes
NT2 Ferricyanides
NT2 Ferritin
NT2 Ferrocene
NT2 Ferrocyanides
NT1 Manganese Complexes
NT1 Molybdenum Complexes
NT1 Nickel Complexes
NT1 Niobium Complexes
NT1 Osmium Complexes
NT1 Palladium Complexes
NT1 Platinum Complexes
NT1 Rhenium Complexes
NT1 Rhodium Complexes
NT1 Ruthenium Complexes
NT1 Scandium Complexes
NT1 Silver Complexes
NT1 Tantalum Complexes
NT1 Technetium Complexes
NT1 Titanium Complexes
NT1 Tungsten Complexes
NT1 Vanadium Complexes
NT1 Yttrium Complexes
NT1 Zirconium Complexes

TRANSITION ELEMENT COMPOUNDS [01]
*NT1 Chromium Compounds
*NT1 Cobalt Compounds
*NT1 Copper Compounds
*NT1 Gold Compounds
*NT1 Hafnium Compounds
*NT1 Iridium Compounds
*NT1 Iron Compounds
*NT1 Manganese Compounds
*NT1 Molybdenum Compounds
*NT1 Nickel Compounds
*NT1 Niobium Compounds
*NT1 Osmium Compounds
*NT1 Palladium Compounds
*NT1 Platinum Compounds
*NT1 Rhenium Compounds
*NT1 Rhodium Compounds
*NT1 Ruthenium Compounds
*NT1 Scandium Compounds
*NT1 Silver Compounds
*NT1 Tantalum Compounds
*NT1 Technetium Compounds
*NT1 Titanium Compounds
*NT1 Tungsten Compounds
*NT1 Vanadium Compounds
*NT1 Yttrium Compounds
*NT1 Zirconium Compounds

TRANSITION ELEMENTS [01]
UF *Transition Metals*
BT1 Metals
BT2 Elements
NT1 Chromium

NT1 Cobalt
NT1 Copper
NT1 Gold
NT1 Hafnium
NT2 Hafnium-Alpha
NT2 Hafnium-Beta
NT1 Iron
NT2 Iron-Alpha
NT2 Iron-Beta
NT2 Iron-Delta
NT2 Iron-Gamma
NT1 Manganese
NT2 Manganese-Alpha
NT2 Manganese-Beta
NT2 Manganese-Gamma
NT2 Manganese-Sigma
NT1 Molybdenum
NT1 Nickel
NT1 Niobium
NT2 Niobium-Alpha
NT2 Niobium-Beta
NT1 Platinum Metals
NT2 Iridium
NT2 Osmium
NT2 Palladium
NT2 Platinum
NT2 Rhodium
NT2 Ruthenium
NT1 Rhenium
NT2 Rhenium Silicides
NT1 Scandium
NT1 Silver
NT1 Tantalum
NT1 Technetium
NT1 Titanium
NT2 Titanium-Alpha
NT2 Titanium-Beta
NT1 Tungsten
NT1 Vanadium
NT1 Yttrium
NT1 Zirconium
NT2 Zirconium-Alpha
NT2 Zirconium-Beta
NT2 Zirconium-Omega

TRANSITION FLOW [01]
BT1 Fluid Flow

TRANSITION HEAT [01]
UF *Heat of Transition*
UF *Latent Heat of Transition*
BT1 Enthalpy
BT2 Thermodynamic Properties
BT3 Physical Properties
NT1 Fusion Heat
NT1 Sublimation Heat
NT1 Vaporization Heat
RT Differential Thermal Analysis
RT Phase Change Materials
RT Phase Transformations

Transition Metals
USE Transition Elements

TRANSITION RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations

TRANSITION RADIATION DETECTORS [01]
(For detection of transition radiation emitted by particles going from one medium to another.)
BT1 Radiation Detectors
BT2 Measuring Instruments

TRANSITION TEMPERATURE [01]
UF *Temperature (Transition)*
BT1 Thermodynamic Properties
BT2 Physical Properties
NT1 Boiling Points
NT1 Critical Temperature
NT1 Curie Point
NT1 Lambda Point
NT1 Melting Points
NT1 Neel Temperature
RT Phase Transformations

Transitions (Brittle-Ductile)
DA February 1975
USE Brittle-Ductile Transitions

Transitions (Ductile-Brittle)
USE Ductile-Brittle Transitions

Transitions (Energy Level)
USE Energy-Level Transitions

Transitions (Forbidden)
USE Forbidden Transitions

Transitions (Phase)
USE Phase Transformations

TRANSLATORS [01]
BT1 Computer Codes
RT Programming
RT Programming Languages
DEF Computer codes translating program from one programming language into another.

TRANSLOCATION [01]
RT Animals
RT Ions
RT Kinetics
RT Minerals
RT Organic Compounds
RT Plants
RT Radionuclide Migration
RT Stable Isotopes

TRANSMISSION [01]
(Of particles and radiations through matter; see also DATA TRANSMISSION, MACHINE PARTS, or POWER TRANSMISSION.)
RT Absorption
RT Attenuation
RT Light Transmission
RT Opacity

Transmission (Data)
USE Data Transmission

Transmission (Energy)
DA May 1976
USE Energy Transport

Transmission (Heat)
USE Heat Transfer

TRANSMISSION ELECTRON MICROSCOPY
DA January 1979
UF *TEM (Microscopy)*
BT1 Electron Microscopy
BT2 Microscopy

Transmission Lines
DA March 1979
USE Power Transmission Lines

Transmission Towers
DA August 1976
USE Power Transmission Towers

TRANSMUTATION [01]
(Of nuclides.)
UF *Nuclear Transmutation*
RT Breeding
RT Isotope Production

TRANSONIC FLOW [01]
BT1 Fluid Flow
RT Aerodynamics
RT Compressible Flow
RT Shock Waves
RT Supersonic Flow

Transparency
USE Opacity

TRANSPIRATION [01]
(Plants only.)
RT Evaporation
RT Leaves
RT Physiology
RT Plants
RT Water Vapor

Transpiration (Animal)
USE Sweat

TRANSPLANTS [01]
NT1 Grafts
RT Chimeras
RT Graft-Host Reaction
RT Host
RT Immunity
RT Immunosuppression
RT Plastic Surgery
RT Transfusions

TRANSPLUTONIUM ELEMENTS [01]
BT1 Transuranium Elements
BT2 Elements
NT1 Americium
NT1 Berkelium
NT1 Californium
NT1 Curium
NT1 Einsteinium
NT1 Element 104
NT1 Fermium
NT1 Lawrencium
NT1 Mendelevium
NT1 Nobelium
NT1 Trans 104 Elements
NT2 Element 105
NT2 Element 106
NT2 Element 107
NT2 Element 108
NT2 Element 109
NT2 Element 110
NT2 Element 111
NT2 Element 112
NT2 Element 113
NT2 Element 114
NT2 Element 115
NT2 Element 116
NT2 Element 117
NT2 Element 118
NT2 Element 126
NT2 Element 128
NT2 Element 134
NT2 Element 145
NT2 Element 164
NT2 Element 173
RT Actinides

TRANSPORT [01]
(Limited to the movement of goods and persons.)
UF *Shipment*
NT1 Air Transport
NT2 Supersonic Transport
NT1 Hydraulic Transport
NT1 Land Transport
NT1 Maritime Transport
NT1 Pneumatic Transport
NT1 Rail Transport
NT1 Waste Transportation
RT Arctic Gas Pipelines
RT Barges
RT Containers
RT Deep Water Oil Terminals
RT Freight Pipelines
RT Inland Waterways
RT Lightering
RT Mass Transit Systems
RT Materials Handling
RT Nuclear Trade
RT Packaging
RT Packaging Rules
RT Pipelines
RT Propulsion
RT Rapid Transit Systems
RT Roads
RT Storage
RT Tanker Ships
RT Transport Regulations
RT Transportation Sector
RT Transportation Systems

Transport (Atoms)
DA June 1975
USE Atom Transport

Transport (Charged-Particle)
USE Charged-Particle Transport

Transport (Energy)
DA May 1976

USE Energy Transport

Transport (Gamma)
USE Photon Transport

Transport (In Organisms)
USE Radionuclide Kinetics

Transport (Neutron)
USE Neutron Transport

Transport (Photon)
USE Photon Transport

Transport (Proton)
USE Proton Transport

Transport (Radiation)
USE Radiation Transport

Transport (Reaction Product)
USE Reaction Product Transport Systems

Transport Insurance
USE Insurance

TRANSPORT REGULATIONS [01]
BT1 Regulations
RT Maritime Laws
RT Transport

TRANSPORT THEORY [01]
NT1 Charged-Particle Transport Theory
NT1 Gamma Transport Theory
NT1 Nelkin Theory
NT1 Neoclassical Transport Theory
NT1 Neutron Transport Theory
NT2 Multigroup Theory
NT2 One-Group Theory
RT Atom Transport
RT Boltzmann Equation
RT Boltzmann-Vlasov Equation
RT Case Method
RT Chapman-Enskog Theory
RT Chapman-Ferraro Problem
RT Feynman Method
RT Fokker-Planck Equation
RT Greuling-Goertzel Approximation
RT Haywood Model
RT Invariant Imbedding
RT Kolmogorov Equation
RT Moments Method
RT Monte Carlo Method
RT Poincare-Bertrand Formula
RT Radiation Transport
RT Rosenbluth-Nelkin Model
RT Scattering
RT Selengut-Goertzel Equation
RT Serber-Wilson Method
RT Slaggie Model
RT Spitzer Theory
RT Van Hove Theory
RT Wick-Chandrasekhar Method
RT Yoshimori-Kitano Model
RT Young Model
RT Yvon Method

TRANSPORTABLE REACTORS [01]
(Capable of being moved when not critical and possibly partly dismantled.)
BT1 Reactors
NT1 Package Reactors

TRANSPORTATION SECTOR
DA July 1977
RT Transport
RT Transportation Systems

TRANSPORTATION SYSTEMS
DA February 1975
NT1 Buses
NT1 Mass Transit Systems
NT1 Rapid Transit Systems
RT Airports
RT Arctic Gas Pipelines
RT Freight Pipelines
RT Levitated Trains
RT Slurry Pipelines
RT Trains
RT Transport
RT Transportation Sector

TRANSURANIUM COMPLEXES [01]
NT1 Americium Complexes
NT1 Berkelium Complexes
NT1 Californium Complexes
NT1 Curium Complexes
NT1 Einsteinium Complexes
NT1 Fermium Complexes
NT1 Lawrencium Complexes
NT1 Mendelevium Complexes
NT1 Neptunium Complexes
NT1 Nobelium Complexes
NT1 Plutonium Complexes

TRANSURANIUM COMPOUNDS [01]
*NT1 Americium Compounds
*NT1 Berkelium Compounds
*NT1 Californium Compounds
*NT1 Curium Compounds
*NT1 Einsteinium Compounds
*NT1 Element 104 Compounds
*NT1 Fermium Compounds
*NT1 Lawrencium Compounds
*NT1 Mendelevium Compounds
*NT1 Neptunium Compounds
*NT1 Nobelium Compounds
*NT1 Plutonium Compounds
*NT1 Trans 104 Element Compounds

TRANSURANIUM ELEMENTS [01]
BT1 Elements
NT1 Neptunium
NT2 Neptunium-Alpha
NT2 Neptunium-Beta
NT2 Neptunium-Gamma
NT1 Plutonium
NT2 Plutonium-Alpha
NT2 Plutonium-Beta
NT2 Plutonium-Delta
NT2 Plutonium-Epsilon
NT2 Plutonium-Eta
NT2 Plutonium-Gamma
NT1 Transplutonium Elements
NT2 Americium
NT2 Berkelium
NT2 Californium
NT2 Curium
NT2 Einsteinium
NT2 Element 104
NT2 Fermium
NT2 Lawrencium
NT2 Mendelevium
NT2 Nobelium
NT2 Trans 104 Elements
NT3 Element 105
NT3 Element 106
NT3 Element 107
NT3 Element 108
NT3 Element 109
NT3 Element 110
NT3 Element 111
NT3 Element 112
NT3 Element 113
NT3 Element 114
NT3 Element 115
NT3 Element 116
NT3 Element 117
NT3 Element 118
NT3 Element 126
NT3 Element 128
NT3 Element 134
NT3 Element 145
NT3 Element 164
NT3 Element 173
RT Actinides

TRANSVAAL [01]
BT1 South Africa
BT2 Africa
RT Witwatersrand

TRANSVERSE MOMENTUM [01]
UF *Momentum (Transverse)*
BT1 Linear Momentum
RT Center-of-Mass System
RT Interactions
RT Longitudinal Momentum
RT Nuclear Reactions
RT Particle Interactions

TRAPPED ELECTRONS [01]
BT1 Electrons
BT2 Leptons
BT3 Elementary Particles
BT3 Fermions
RT Electron Precipitation

TRAPPED-PARTICLE INSTABILITY [01]
BT1 Plasma Macroinstabilities
BT2 Plasma Instability
BT3 Instability
RT Banana Regime
RT Closed Plasma Devices

TRAPPED PROTONS [01]
DA June 1977
BT1 Protons
BT2 Nucleons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
RT Aurorae
RT Precipitation

TRAPPING [01]
(Includes trapping of electrons or holes in lattices and trapping of charged particles in magnetic fields.)
NT1 Banana Regime
RT Crystal Lattices
RT Greenhouse Effect
RT Holes
RT Magnetic Fields

TRAPS [01]
(Includes trapping of electrons or holes; see also FILTERS, ABSORBENTS, etc.)
NT1 Cold Traps
NT1 Steam Traps
RT Electrons
RT Holes
RT Luminescence
RT Photoconductivity
RT Photolysis
RT Semiconductor Materials
RT Vacancies

Trauma
USE Injuries

Traumatic Shock
USE Biological Shock
AND Injuries

TRAVELLING IONOSPHERIC DISTURBANCE [01]
UF *TID*
BT1 Disturbances
BT1 Ionospheric Storms
RT Ionosphere

TRAVELLING WAVE TUBES [01]
BT1 Microwave Tubes
BT2 Electron Tubes
BT2 Microwave Equipment
BT3 Electronic Equipment
RT RF Systems

TRAVELLING WAVES [01]
UF *Waves (Travelling)*
RT Electromagnetic Radiation
RT Mechanical Vibrations
RT Standing Waves
RT Wave Propagation
RT Waveguides

TRAVERTINE
DA January 1976
BT1 Calcium Carbonates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Carbonates

BT3 Carbon Compounds
BT3 Oxygen Compounds
BT1 Minerals
DEF A calcium carbonate, $CaCO_3$, deposited from solution in ground and surface waters.

TRAWSFYNYDD REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TRCE
DA January 1975
USE Thermionic Reactor Critical Experiments

TREAT REACTOR [01]
UF *Transient Reactor Test Facility*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TREATIES [01]
NT1 Non-Proliferation Treaty
NT1 Tlatelolco Treaty
RT International Laws

Treatment (Therapy)
USE Therapy

TREE RINGS
DA June 1976
RT Trees

TREES [01]
UF *Deciduous Trees*
UF *Mahogany Trees*
BT1 Plants
NT1 Aspens
NT1 Beech Trees
NT1 Birches
NT1 Cacao Trees
NT1 Chestnut Trees
NT1 Coconut Palms
NT1 Cottonwoods
NT1 Eucalyptuses
NT1 Fruit Trees
NT1 Mangroves
NT1 Maples
NT1 Oaks
NT1 Oil Palms
NT1 Olive Trees
NT1 Pecan Trees
NT1 Pines
NT1 Poplars
NT1 Preferred Species
NT1 Rubber Trees
NT1 Sycamores
RT Apricots
RT Biomass Plantations
RT Conifers
RT Forests
RT Tree Rings
RT Wood
RT Xylans

TREMATODES [01]
UF *Flukes*
BT1 Helminths
BT2 Parasites
BT1 Platyhelminths
BT2 Invertebrates
BT3 Animals
NT1 Fasciola
NT1 Hymenolepis
NT1 Schistosoma

Tretamine
USE Alkylating Agents

TRH [01]
UF *Thyrotropin-Releasing Hormone*
BT1 Peptide Hormones
BT2 Hormones
RT Hypothalamus
RT TSH

TRI-GAS PROCESS
(Prior to April 1977 BCR PROCESS was used as descriptor.)
DA April 1977
UF *BCR Process*
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF The Bituminous Coal Research, Inc. process using two-stage super-pressure entraining gasifier.

Triacetoneamine-N-Oxyl
DA May 1975
USE TAN

1,3,5-Triamino-2,4,6-Trinitrobenzene
DA August 1975
USE TATB

TRIANGULAR CONFIGURATION [01]
BT1 Configuration

TRIASSIC PERIOD
DA October 1977
BT1 Mesozoic Era
BT2 Geologic Ages

TRIAZINES [01]
BT1 Azines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Cyanurates
NT1 Melamine
DEF Compounds that contain a six-membered heterocyclic ring containing three nitrogen atoms.

TRIAZOLES [01]
BT1 Azoles
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
DEF Compounds that contain a five-membered heterocyclic ring containing three nitrogen atoms.

TRIBALOY 400
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

TRIBALOY 700
DA October 1978
BT1 Chromium Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys

TRIBALOY 800
DA August 1979
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

TRIBOLIUM [01]
BT1 Beetles
BT2 Insects
BT3 Arthropods
BT4 Invertebrates
BT5 Animals

TRIBOLOGY
DA April 1978
RT Bearings
RT Friction
RT Lubricants
RT Wear
DEF Science dealing with physical, chemical, and metallurgical phenomena of interacting surfaces in relative motion.

Tributyl Phosphate
USE TBP

Tributylphosphine Oxide
USE TBPO

TRICARBALLYLIC ACID [01]
BT1 Carboxylic Acids
BT2 Organic Acids
BT3 Organic Compounds

TRICHINELLA [01]
BT1 Helminths
BT2 Parasites
BT1 Nematodes
BT2 Invertebrates
BT3 Animals
RT Meat
RT Trichinosis

TRICHINOSIS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Gastrointestinal Tract
RT Inflammation
RT Muscles
RT Trichinella

Trichloroacetaldehyde
USE Chloral

TRICHODERMA
DA March 1978
BT1 Fungi
BT2 Plants
NT1 Trichoderma Viride

Trichoderma Reesei
DA March 1979
USE Trichoderma Viride

TRICHODERMA VIRIDE
DA November 1977
UF *Trichoderma Reesei*
BT1 Trichoderma
BT2 Fungi
BT3 Plants

TRICKLE-TYPE COLLECTORS
DA September 1978
UF *Open-Flow Collectors*
UF *Thomason Collectors*
BT1 Flat Plate Collectors
BT2 Solar Collectors

TRICLINIC LATTICES [01]
BT1 Crystal Lattices

BT2 Crystal Structure

RICO REACTOR [01]
UF *Congo Kinshasa TRIGA Reactor*
UF *TRIGA-Congo Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

Tricresyl Phosphates
USE TCP

TRIDECYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Tridodecylamine
DA January 1975
USE Trilaurylamine

Triethylenemelamine
USE Alkylating Agents

Triethylenetetraaminehexaacetic Acid
USE TETAHA

Triethylenetetramine
USE TETA

TRIGA-ARIZONA REACTOR [01]
UF *University of Arizona TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-BANDUNG REACTOR
DA January 1975
UF *Indonesian TRIGA-Mk-2 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-BRAZIL REACTOR [01]
UF *University Minas Gerais TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-Congo Reactor
USE Trico Reactor

TRIGA-2-DALAT REACTOR [01]
UF *Vietnamese TRIGA-Mk-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-F-DASA Reactor
USE AFRRI Reactor

TRIGA-F-DORF Reactor
USE DORF Reactor

TRIGA-F-NOR REACTOR [01]
UF *Northrop TRIGA-Mark-F Reactor*
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-1-HANFORD REACTOR
DA January 1979
UF *Hanford Neutron Radiography Facility*
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-1-HANOVER REACTOR
DA January 1975
UF *FRH Reactor*
UF *Hannover TRIGA-Mk-1 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-1-HEIDELBERG REACTOR [01]
UF *TRIGA-Mark-I-DKFZ Heidelberg Reactor*
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-HEIDELBERG REACTOR
DA August 1975
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-3-ILLINOIS REACTOR [01]
UF *University of Illinois TRIGA-Mk-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors

BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-KANSAS REACTOR [01]
UF *Kansas State University TRIGA Mk-II*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-3-LA JOLLA REACTOR [01]
UF *Torrey Pines TRIGA-Mark-3 Reactor*
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-LJUBLJANA REACTOR [01]
UF *Yugoslav TRIGA-Mk-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-MAINZ REACTOR [01]
UF *German TRIGA-Mark-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-Mark-I-DKFZ Heidelberg Reactor
USE TRIGA-1-Heidelberg Reactor

TRIGA-Mark-II Reactor
USE TRIGA-2 Reactor

TRIGA-Mk-F Prototype Reactor
USE ATPR Reactor

TRIGA-Mk-2 Reactor
SEE Columbia TRIGA-Mk-2 Reactor
OR Cornell TRIGA-Mk-2 Reactor

TRIGA-Mk-3 Reactor
SEE ATPR Reactor
OR Colorado TRIGA-Mk-3 Reactor

TRIGA-3-MUNICH REACTOR
DA January 1975
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-MUSASHI REACTOR [01]
UF *Musashi Institute of Technology TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-PAVIA REACTOR [01]
UF *Lena TRIGA-Mark-II Pulsed Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-Pennsylvania Reactor
USE PSTR Reactor

TRIGA-2 REACTOR [01]
UF *TRIGA-Mark-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA Reed College Reactor
USE Reed College TRIGA-1 Reactor

TRIGA-2-RIKKYO REACTOR [01]
UF *Rikkyo University TRIGA-Mk-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-ROME REACTOR [01]
UF *Italian TRIGA-Mark-II Reactor*
UF *RC-1 Reactor*
UF *Reattore Casaccia-1*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-3-SALAZAR REACTOR [01]
DA January 1975

UF *Mexican TRIGA-Mark-3 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-San Diego Reactor
USE Gulf TRIGA-Mk-1 Reactor

TRIGA-2-SEOUL REACTOR [01]
UF *Korean TRIGA-Mark-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-3-SEOUL REACTOR
DA January 1975
UF *Korean TRIGA-Mark-3 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-TEXAS REACTOR [01]
UF *University of Texas TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA TYPE REACTORS [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors
BT1 Research and Test Reactors
BT2 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 AFRRI Reactor
NT1 AGNIR Reactor
NT1 ATPR Reactor
NT1 Colorado TRIGA-Mk-3 Reactor
NT1 Columbia TRIGA-Mk-2 Reactor
NT1 Cornell TRIGA-Mk-2 Reactor
NT1 DORF Reactor
NT1 Dow TRIGA-Mk-1 Reactor
NT1 FIR-1 Reactor
NT1 FRF-2 Reactor
NT1 FRN Reactor
NT1 GSTR Reactor
NT1 Gulf TRIGA-Mk-1 Reactor
NT1 Gulf TRIGA-Mk-3 Reactor
NT1 LOPRA Reactor
NT1 Michigan State TRIGA-Mk-1 Reactor
NT1 NSCR Reactor
NT1 OSTR Reactor
NT1 PRPR Reactor
NT1 PSTR Reactor
NT1 Reed College TRIGA-1 Reactor
NT1 Trico Reactor
NT1 TRIGA-Arizona Reactor
NT1 TRIGA-2-Bandung Reactor
NT1 Triga-Brazil Reactor
NT1 TRIGA-2-Dalat Reactor
NT1 TRIGA-F-Nor Reactor
NT1 Triga-1-Hanford Reactor
NT1 TRIGA-1-Hanover Reactor
NT1 TRIGA-1-Heidelberg Reactor
NT1 TRIGA-2-Heidelberg Reactor
NT1 TRIGA-3-Illinois Reactor
NT1 TRIGA-2-Kansas Reactor
NT1 TRIGA-3-La Jolla Reactor
NT1 TRIGA-2-Ljubljana Reactor
NT1 TRIGA-2-Mainz Reactor
NT1 TRIGA-3-Munich Reactor
NT1 TRIGA-2-Musashi Reactor
NT1 TRIGA-2-Pavia Reactor
NT1 TRIGA-2 Reactor
NT1 TRIGA-2-Rikkyo Reactor
NT1 TRIGA-2-Rome Reactor
NT1 TRIGA-3-Salazar Reactor
NT1 TRIGA-2-Seoul Reactor
NT1 TRIGA-3-Seoul Reactor
NT1 TRIGA-Texas Reactor
NT1 TRIGA-Veterans Reactor
NT1 TRIGA-2-Vienna Reactor
NT1 UCBRR Reactor
NT1 UCIRR Reactor
NT1 UWNR Reactor
NT1 WSUR Reactor

TRIGA-VETERANS REACTOR [01]
UF *Omaha Veterans TRIGA-Mk-1*
UF *Veterans Administration Hospital TRIGA Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGA-2-VIENNA REACTOR [01]
UF *Austrian TRIGA-Mark-II Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TRIGGER CIRCUITS [01]
BT1 Pulse Circuits
BT2 Electronic Circuits
NT1 Transistor Trigger Circuits

TRIGLYCERIDES [01]
BT1 Esters
BT2 Organic Compounds
BT1 Lipids
BT2 Organic Compounds
NT1 Butter Fat
NT1 Corn Oil
NT1 Croton Oil
NT1 Linseed Oil
NT1 Olive Oil
NT1 Peanut Oil
NT1 Soybean Oil
NT1 Triolein
RT Glycerol
RT Oils

TRIGONAL LATTICES [01]
UF *Rhombohedral Lattices*
BT1 Crystal Lattices
BT2 Crystal Structure

Trihydroxyaromatics
USE Polyphenols

1,2,3-Trihydroxybenzene
USE Pyrogallol

Trihydroxybenzoic Acid
USE Gallic Acid

TRIHYDROXYGLUTARIC ACID [01]
UF *Trioxyglutaric Acid*
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

TRIIODOTHYRONINE [01]
UF *T3 Hormone*
BT1 Thyroid Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Thyronine

Triketohydrindane
USE Ninhydrin

TRILAURYLAMINE
DA January 1975
UF *Tridodecylamine*
BT1 Amines
BT2 Organic Compounds

TRILLIUM [01]
BT1 Plants

Trimethylacetic Acid
USE Pivalic Acid

1,3,5-Trimethylbenzene
USE Mesitylene

1,3,7-Trimethylxanthine
USE Caffeine

TRINEUTRONS [01]
BT1 Polyneutrons
BT2 Neutrons
BT3 Nucleons
BT4 Baryons
BT5 Fermions
BT5 Hadrons
BT6 Elementary Particles
RT Tetraneutrons

TRINIDAD AND TOBAGO
DA January 1975
BT1 West Indies
BT2 Dominican Republic
BT3 Central America
BT4 Latin America

Trinitrophenol
USE Picric Acid

Trinitrotoluene
USE TNT

TRINITY EVENT [01]
BT1 Nuclear Explosions
BT2 Explosions

Trino Vercellese Reactor
USE Selni Reactor

Trinonylamine
USE TNA

Trioctylamine
USE TOA

Trioctylphosphine Oxide
USE TOPO

Trioctylphosphine Sulfide
USE TOPS

TRIODE TUBES [01]
BT1 Electron Tubes

TRIOLEIN [01]
UF *Glyceryl Trioleate*
UF *Olein*
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
BT1 Triglycerides
BT2 Esters
BT3 Organic Compounds
BT2 Lipids
BT3 Organic Compounds
RT Oleic Acid

TRIOXANES [01]
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
RT Organic Solvents

Trioxyglutaric Acid
USE Trihydroxyglutaric Acid

TRIPHENYLENE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds

TRIPHENYLMETHANE DYES [01]
BT1 Dyes
NT1 Aluminon
NT1 Aurin
NT1 Methyl Violet
NT1 Methylthymol Blue

Triphenylphosphine Oxide
USE TPO

TRIPLASMATRONS [01]
BT1 Ion Sources
BT1 Plasmatrons
BT2 Electron Tubes

Triplet Particles
USE Quarks

TRIPLETS [01]
BT1 Multiplets

Tritiated Compounds
USE Tritium Compounds

Tritiated Water
USE Tritium Oxides

Triticum
USE Wheat

TRITIUM [01]
UF *Hydrogen 3*
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hydrogen Isotopes
BT1 Light Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
RT Tritium Meters
RT Tritons

TRITIUM COMPOUNDS [01]
UF *Tritiated Compounds*
UF+ *DTO*
UF+ *HTO*
BT1 Labelled Compounds
NT1 Deuterium Tritides
NT1 Helium Tritides
NT1 Hydrogen Tritide
NT1 Lithium Tritides
NT1 Tritium Oxides
RT Heavy Water

TRITIUM EXTRACTION PLANT [01]
DA December 1978
BT1 Isotope Separation Plants
BT2 Industrial Plants
BT2 Nuclear Facilities

TRITIUM IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

TRITIUM METERS
DA September 1978
BT1 Measuring Instruments
RT Chemical Analysis
RT Tritium

TRITIUM OXIDES [01]
DA June 1975
UF *Tritiated Water*
BT1 Tritium Compounds
BT2 Labelled Compounds

TRITIUM PRODUCTION REACTORS [01]
BT1 Irradiation Reactors
BT2 Reactors
NT1 Celestin Reactor

TRITIUM RECOVERY [01]
(In thermonuclear reactors and/or devices.)
DA September 1975
UF *Recovery (Tritium)*
BT1 Recovery
RT Breeding
RT Confinement
RT Thermonuclear Devices
RT Thermonuclear Reactors

TRITIUM TARGET [01]
DA July 1976
BT1 Targets

Triton
USE Triturus

TRITON BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Tritons

TRITON REACTIONS [01]
BT1 Charged-Particle Reactions
BT2 Nuclear Reactions

TRITON REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TRITONS [01]
BT1 Charged Particles
RT Antitritons
RT Tritium
RT Triton Beams

TRITURUS [01]
UF *Triton*
BT1 Salamanders
BT2 Amphibians
BT3 Aquatic Organisms
BT3 Vertebrates
BT4 Animals

TRIUMF CYCLOTRON [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

Trochotrons
USE Counting Tubes

TROILITE
DA March 1976
BT1 Pyrrhotite
BT2 Iron Sulfides
BT3 Iron Compounds
BT4 Transition Element Compounds
BT3 Sulfides
BT4 Chalcogenides
BT4 Sulfur Compounds
BT2 Minerals
RT Iron Meteorites
DEF A hexagonal mineral present in small amounts in almost all meteorites: FeS. It is a variety of pyrrhotite with almost no ferrous-iron deficiency.

TROITSK REACTOR [01]
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TROJAN REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

BT1 Thermal Reactors
BT2 Reactors

TROMBAY R-5 REACTOR [01]
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TROMBE WALLS
DA October 1977
BT1 Passive Solar Heating Systems
BT2 Solar Heating Systems
BT3 Heating Systems
BT1 Solar Air Heaters
BT2 Solar Collectors
BT1 Walls
RT Buildings
RT Sensible Heat Storage

TROMEXAN [01]
BT1 Anticoagulants
BT2 Drugs

TRONA
DA June 1975
BT1 Sodium Carbonates
BT2 Carbonates
BT3 Carbon Compounds
BT3 Oxygen Compounds
BT2 Sodium Compounds
BT3 Alkali Metal Compounds
BT1 Sodium Minerals
BT2 Minerals
DEF Naturally occurring sodium sesquicarbonate, $Na_2CO_3.NaHCO_3.2H_2O$.

TROPICAL MEDICINE [01]
BT1 Medicine
RT Tropical Regions

TROPICAL REGIONS [01]
RT Climates
RT Tropical Medicine

TROPONES [01]
UF *Cycloheptatrienones*
BT1 Ketones
BT2 Organic Compounds

TROPOPAUSE [01]
RT Earth Atmosphere
RT Global Fallout
RT Stratosphere
RT Troposphere

TROPOSKIEN SHAPE
DA April 1975
BT1 Shape
BT2 Configuration
RT Wind Turbines
DEF The shape that a perfectly flexible cable of uniform density and cross section would assume if spun about a vertical axis. If this shape is used for turbine blades operating on a vertical axis, then rotation will not cause the blades to bend, and all stresses will be pure tension.

TROPOSPHERE [01]
BT1 Earth Atmosphere
RT Air
RT Tropopause

TROUT [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals
RT Seafood

TRR-1 REACTOR [01]
UF *Thai Research Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

TRUCKS
DA May 1975
BT1 Vehicles
RT Road Tests

TRW PROCESS
DA April 1978
RT Coal Preparation
RT Desulfurization
DEF Pyritic sulfur is removed by leaching with aqueous ferric sulfate at moderate temperatures, pressures and long retention times. The process employs extensive water washing for sulfate removal. The ferric ion lixivant is simultaneously regenerated in the reaction chamber using oxygen.

Trypaflavine
USE Acriflavine

TRYPAN BLUE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Azo Dyes
BT2 Azo Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
BT2 Dyes
BT1 Naphthols
BT2 Phenols
BT3 Aromatics
BT4 Organic Compounds
BT3 Hydroxy Compounds
BT4 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

TRYPANOSOMA [01]
BT1 Parasites
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
RT Glossina
RT Infectious Diseases
RT Trypanosomiasis

TRYPANOSOMES
DA January 1975
BT1 Protozoa
BT2 Invertebrates
BT3 Animals
BT2 Microorganisms
RT Parasites

TRYPANOSOMIASIS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Trypanosoma

TRYPSIN [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Digestion
RT Pancreas

TRYPTAMINES [01]
BT1 Amines
BT2 Organic Compounds
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
NT1 Bufotenine
NT1 Melatonin
NT1 Serotonin
NT2 Mexamine

TRYPTOPHAN [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Hydroxytryptophan
RT Tryptophan

TRYPTOPHAN OXYGENASE [01]
UF *Pyrrolase (Tryptophan)*
BT1 Oxidoreductases
BT2 Enzymes

Tschebyscheff Approximation
USE Polynomials

Tsetse Fly
USE Glossina

TSH [01]
UF *Thyroid Stimulating Hormone*
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Thyroid Hormones
RT TRH

TSR-1 REACTOR [01]
UF *Tower Shielding Reactor-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

TSR-2 REACTOR [01]
UF *Tower Shielding Reactor-2*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Tsukuba KEK Synchrotron
DA June 1975
USE KEK Synchrotron

TSUNAMIS [01]
UF *Tidal Waves*
BT1 Disasters
BT1 Water Waves
RT Earthquakes
RT Seas

RT Seismic Waves

TSURUGA REACTOR [01]
UF *JAPCO-2 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TTA [01]
UF *Thenoyltrifluoroacetone*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
BT1 Organic Fluorine Compounds
BT2 Organic Halogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Thiophene

TTF-TCNQ
DA September 1975
UF *Tetrathiafulvalene Tetracyanoquinodimethane*
BT1 Heterocyclic Compounds
BT2 Organic Compounds
BT1 Nitriles
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
RT Superconductors

TTMP
USE Transit-Time Magnetic Pumping

TTR-A Reactor
USE TTR-1 Reactor

TTR-B Reactor
USE TTR-2 Reactor

TTR-1 KAPL Reactor
USE TTR-1 Reactor

TTR-1 REACTOR [01]
UF *Thermal Test Reactor-1*
UF *TTR-A Reactor*
UF *TTR-1 KAPL Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors

TTR-2 REACTOR [01]
UF *Thermal Test Reactor-2*
UF *TTR-B Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

TTR-1 Toshiba Reactor
USE Toshiba Reactor

TUBERCULIN [01]
BT1 Antigens

TUBERCULOSIS [01]
BT1 Infectious Diseases
BT2 Diseases
NT1 Lupus
RT Mycobacterium Tuberculosis
RT PAS
RT Streptomycin

TUBERS [01]
NT1 Potatoes
RT Plants

TUBES [01]
(For objects of tubular shape; not for DRIFT TUBES, ELECTRON TUBES or IMAGE STORAGE TUBES.)
NT1 Baffled Tubes
NT1 Pressure Tubes
RT Borescopes
RT Configuration
RT Coverings
RT Cylinders
RT Ducts
RT Hoses
RT Pipes
RT Reactor Cooling Systems
RT Tunnels

Tubes (Conduits)
USE Pipes

Tubular Pinch Devices (Linear)
USE Linear Hard Core Pinch Devices

TUBULES [01]
(In kidneys.)
BT1 Kidneys
BT2 Organs
BT3 Body
RT Aldosterone
RT Renal Clearance
RT Vasopressin

TUFF [01]
BT1 Igneous Rocks
BT2 Rocks
DEF A compacted pyroclastic deposit or volcanic ash and dust.

TULLNERFELD REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TUMAN DEVICES [01]
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TUMBLER PROJECT [01]
RT Nuclear Weapons

TUMOR CELLS [01]
UF *Giant Cells*
BT1 Animal Cells
NT1 Ascites Tumor Cells
RT Cell Cultures
RT Hela Cells
RT In Vivo
RT Neoplasms

Tumor Viruses
DA August 1975
USE Oncogenic Viruses

Tumors
USE Neoplasms

TUNA [01]
BT1 Fishes
BT2 Aquatic Organisms
BT2 Vertebrates
BT3 Animals

TUNDRA [01]
DA June 1975
RT Arctic Regions
RT Climates
RT Terrestrial Ecosystems

TUNGSTATES [01]
NT1 Ammonium Tungstates
NT1 Barium Tungstates
NT1 Bismuth Tungstates
NT1 Cadmium Tungstates
NT1 Calcium Tungstates
NT1 Cerium Tungstates
NT1 Cesium Tungstates
NT1 Cobalt Tungstates
NT1 Copper Tungstates
NT1 Dysprosium Tungstates
NT1 Hafnium Tungstates
NT1 Indium Tungstates
NT1 Iron Tungstates
NT1 Lanthanum Tungstates
NT1 Lead Tungstates
NT1 Lithium Tungstates
NT1 Neodymium Tungstates
NT1 Nickel Tungstates
NT1 Potassium Tungstates
NT1 Praseodymium Tungstates
NT1 Rubidium Tungstates
NT1 Samarium Tungstates
NT1 Silver Tungstates
NT1 Sodium Tungstates
NT1 Strontium Tungstates
NT1 Tantalum Tungstates
NT1 Thallium Tungstates
NT1 Thorium Tungstates
NT1 Tin Tungstates
NT1 Titanium Tungstates
NT1 Uranium Tungstates
NT1 Vanadium Tungstates
NT1 Ytterbium Tungstates
NT1 Zirconium Tungstates

TUNGSTEN [01]
UF *Wolfram*
BT1 Refractory Metals
BT2 Metals
BT3 Elements
BT1 Transition Elements
BT2 Metals
BT3 Elements

TUNGSTEN 162 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 163 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 164 [01]
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei

BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 165 [01]
DA October 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 166 [01]
DA October 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 170 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 171 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 172 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 173 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 174 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 175 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 176 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 177 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 178 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 179 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 180 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 181 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 182 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 183 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 184 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 185 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 186 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Tungsten Isotopes

TUNGSTEN 187 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 188 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 189 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 190 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN 192 [01]
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Heavy Nuclei
BT2 Nuclei
BT1 Tungsten Isotopes

TUNGSTEN ADDITIONS [01]
BT1 Tungsten Alloys
BT2 Alloys
NT1 Alloy-VM-1
NT1 Steel-60Kh3g8n8v
NT1 Steel-18Kh2n4va

TUNGSTEN ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-88
NT1 Alloy-C-103
NT1 Alloy-C-129Y
NT1 Alloy-CB-1
NT1 Alloy-CB-752
NT1 Alloy-D-43
NT1 Alloy-D-979
NT1 Alloy-EHI 826
NT1 Alloy-Ehi 868
NT1 Alloy-Ehp-567
NT1 Alloy-FS-85
NT1 Alloy-HD-556
NT1 Alloy-IN-102
NT1 Alloy-Khn60b
NT1 Alloy-Khn50mbvyu
NT1 Alloy-Khn67vmtyu
NT1 Alloy-L-605
NT1 Alloy-Mar-M246
NT1 Alloy-MM-0011
NT1 Alloy-MN-21
NT1 Alloy-Mo-Re-1
NT1 Alloy-N-155
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-RA-333
NT1 Alloy-S-590
NT1 Alloy-S-816
NT1 Alloy SU31
NT1 Alloy-TA-10V
NT1 Alloy-V-36
NT1 Astar 811C
NT1 Carboloy
NT1 Hastelloy C
NT1 Hastelloy X
NT1 HAVAR
NT1 Haynes 25 Alloy
NT1 Haynes Alloys
NT1 Haynes Stellite 6B
NT1 Inconel 643
NT1 Inconel 738
NT1 Magnet Steel-KS
NT1 Miduale
NT1 Rene 80
NT1 Rene 95
NT1 Stainless Steel-19-9DL
NT1 Steel-12Kh2mv8fb
NT1 Steel-2Kh18n8v2
NT1 Steel-1Kh16n14v2br Ehp17
NT1 Steel-4Kh14nv2m
NT1 Steel-Kh18n22v2t2
NT1 Steel-Khn35vt
NT1 Steel-12Kh2v5fb
NT1 Steel-1Kh12v2mf
NT1 Steel-2Kh8v8m2k8
NT1 Steel-R18
NT1 Steel-Vzh102
NT1 Stellite
NT2 Alloy-HS-21
NT2 Alloy-HS-25
NT2 Alloy-HS-31
NT1 Stellite 6
NT1 Stellite 156
NT1 Supertherm
NT1 Tungsten Additions
NT2 Alloy-VM-1
NT2 Steel-60Kh3g8n8v
NT2 Steel-18Kh2n4va
NT1 Tungsten Base Alloys
NT1 Tungsten Bronze

TUNGSTEN BASE ALLOYS [01]
BT1 Tungsten Alloys
BT2 Alloys

TUNGSTEN 184 BEAMS [01]
DA April 1977
BT1 Ion Beams
BT2 Beams

TUNGSTEN BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN BRONZE [01]
BT1 Copper Base Alloys
BT2 Copper Alloys
BT3 Alloys
BT1 Tungsten Alloys
BT2 Alloys

TUNGSTEN CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

TUNGSTEN COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Tungsten Borides
NT1 Tungsten Bromides
NT1 Tungsten Carbides
NT1 Tungsten Chlorides
NT1 Tungsten Fluorides
NT1 Tungsten Hydrides
NT1 Tungsten Hydroxides
NT1 Tungsten Iodides
NT1 Tungsten Nitrides
NT1 Tungsten Oxides
NT2 Sodium Tungsten Bronze
NT2 Wolframite
NT1 Tungsten Phosphides
NT1 Tungsten Selenides
NT1 Tungsten Silicides
NT1 Tungsten Sulfides
NT1 Tungsten Tellurides

TUNGSTEN FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN HYDRIDES [01]
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

TUNGSTEN ISOTOPES [01]
NT1 Tungsten 162
NT1 Tungsten 163
NT1 Tungsten 164
NT1 Tungsten 165
NT1 Tungsten 166
NT1 Tungsten 170
NT1 Tungsten 171
NT1 Tungsten 172
NT1 Tungsten 173
NT1 Tungsten 174
NT1 Tungsten 175
NT1 Tungsten 176
NT1 Tungsten 177
NT1 Tungsten 178
NT1 Tungsten 179
NT1 Tungsten 180
NT1 Tungsten 181
NT1 Tungsten 182
NT1 Tungsten 183
NT1 Tungsten 184
NT1 Tungsten 185
NT1 Tungsten 186
NT1 Tungsten 187
NT1 Tungsten 188
NT1 Tungsten 189
NT1 Tungsten 190
NT1 Tungsten 192

TUNGSTEN NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN ORES [01]
BT1 Ores

TUNGSTEN OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds
NT1 Sodium Tungsten Bronze
NT1 Wolframite
RT Tungstophosphoric Acid

TUNGSTEN PHOSPHIDES
DA July 1976
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN SILICIDES [01]
DA January 1975
BT1 Silicides
BT2 Silicon Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

TUNGSTEN 180 TARGET [01]
DA July 1976

BT1 Targets

TUNGSTEN 182 TARGET [01]
DA July 1976
BT1 Targets

TUNGSTEN 183 TARGET [01]
DA July 1976
BT1 Targets

TUNGSTEN 184 TARGET [01]
DA July 1976
BT1 Targets

TUNGSTEN 186 TARGET [01]
DA July 1976
BT1 Targets

TUNGSTEN TELLURIDES
DA January 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Tungsten Compounds
BT2 Transition Element Compounds

Tungsten Water Moderated Reactor
DA January 1975
USE TWMR Reactor

TUNGSTOPHOSPHORIC ACID [01]
UF *Phosphotungstic Acid*
UF *Phosphowolframic Acid*
UF *Wolframophosphoric Acid*
BT1 Inorganic Acids
BT2 Hydrogen Compounds
RT Heteropolyanions
RT Phosphoric Acid
RT Tungsten Oxides

TUNING [01]
DA May 1975
RT Cavity Resonators
RT Frequency Selection
RT Resonance
RT RF Systems

TUNISIA [01]
BT1 Africa

TUNNEL DIODES [01]
BT1 Semiconductor Diodes
BT2 Semiconductor Devices
RT Schottky Barrier Diodes

TUNNEL EFFECT [01]
RT Superconducting Junctions
RT Superconductivity

TUNNEL FURNACES
DA March 1976
UF *Tunnel Kilns*
BT1 Furnaces

Tunnel Kilns
DA March 1976
USE Tunnel Furnaces

TUNNELING
DA May 1978
RT Mining
RT Shaft Excavations

TUNNELS [01]
NT1 Mine Roadways
NT1 Wind Tunnels
RT Excavation
RT Subsurface Structures
RT Subterrene Penetrators
RT Tubes

TURBELLARIA [01]
BT1 Platyhelminths
BT2 Invertebrates
BT3 Animals
NT1 Planaria

TURBIDITY [01]
RT Suspensions

TURBINE BLADES [01]
UF *Blades (Turbines)*
RT Compressor Blades
RT Turbines

TURBINES [01]
BT1 Turbomachinery
NT1 Gas Turbines
NT1 Hydraulic Turbines
NT1 Radial-Outflow Reaction Turbines
NT1 Steam Turbines
NT1 Velocity-Pumps Reaction Turbines
RT Helical Rotary Screw Expander
RT Hydroelectric Power Plants
RT KROV Machine
RT Turbine Blades
RT Working Fluids

TURBOGENERATORS [01]
BT1 Electric Generators
RT Braun Standard Turbine Island
RT Hydraulic Turbines

TURBOJET ENGINES
DA January 1975
BT1 Engines

TURBOMACHINERY
DA September 1976
NT1 Turbines
NT2 Gas Turbines
NT2 Hydraulic Turbines
NT2 Radial-Outflow Reaction Turbines
NT2 Steam Turbines
NT2 Velocity-Pumps Reaction Turbines
RT Compressors
RT Pumps

TURBOMOLECULAR PUMPS [01]
BT1 Vacuum Pumps
BT2 Laboratory Equipment
BT2 Pumps
RT High Vacuum
RT Medium Vacuum
RT Ultrahigh Vacuum

TURBULENCE [01]
RT Diffusion
RT Fluid Flow
RT Mixing
RT Stirring
RT Tornadoes
RT Turbulent Flow
RT Vortices
RT Wind

TURBULENT FLOW [01]
UF *Supercritical Flow*
BT1 Fluid Flow
RT Critical Flow
RT Laminar Flow
RT Reynolds Number
RT Richardson Number
RT Turbulence
RT Two-Phase Flow
RT Viscous Flow

TURBULENT HEATING [01]
BT1 Plasma Heating
BT2 Heating

TURKEY [01]
BT1 Asia
BT1 Middle East
RT Black Sea
RT Kizildere Geothermal Field
RT Marmara Sea

TURKEY POINT-3 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TURKEY POINT-4 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Turkish Reactor-1
USE TR-1 Reactor

Turku Cyclotron
USE AABO Cyclotron

Turnips
USE Brassica

Turnover (Radionuclides)
USE Radionuclide Kinetics

TURPENTINE [01]
BT1 Organic Solvents
BT2 Solvents
BT1 Terpenes
BT2 Organic Compounds
RT Hydrocarbons

TURTLES [01]
BT1 Reptiles
BT2 Vertebrates
BT3 Animals

TVA
DA January 1976
USE Tennessee Valley Authority

TVA-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TVA-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

TVO-1 REACTOR [01]
(Prior to 1976, OLKILUOTO REACTOR was used.)
DA August 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TVO-2 REACTOR [01]
DA August 1976
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

TWINNING [01]
RT Crystal Structure

RT Microstructure
RT Slip

TWISTOR THEORY [01]
(Quantized points of space-time.)
DA August 1975
UF *Penrose Twistor Theory*
RT Gravitation
RT Quantum Mechanics
RT Space-Time
DEF The points of space-time are composite objects which may have structure in terms of more fundamental entities, called the twistors. Rest mass should also be considered a derived property of matter. Thus the underlying objects (i.e. twistors) are closely related to massless particles.

TWMR REACTOR
DA January 1975
UF *Tungsten Water Moderated Reactor*
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

TWO-BODY PROBLEM [01]
BT1 Many-Body Problem
RT Resonating-Group Method

TWO-COMPONENT NEUTRINO THEORY [01]
RT Beta Decay
RT Neutrinos
RT Spin

TWO-COMPONENT TORUS [01]
DA November 1975
UF *TCT*
BT1 Tokamak Devices
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

TWO-DIMENSIONAL CALCULATIONS [01]
UF *Calculations (2-Dimensional)*
UF *2-Dimensional Calculations*
RT Adjoint Difference Method
RT Ising Model
RT Many-Dimensional Calculations
RT Mathematics
RT Surfaces

Two-Fireball Model
USE Fireball Model

Two-Fluid Theory
USE Landau Liquid Helium Theory

TWO-NUCLEON TRANSFER REACTIONS [01]
BT1 Multi-Nucleon Transfer Reactions
BT2 Transfer Reactions
BT3 Direct Reactions
BT4 Nuclear Reactions

TWO-PHASE FLOW [01]
BT1 Fluid Flow
RT Boiling
RT Gas Flow
RT Heat Transfer
RT Liquid Flow
RT Turbulent Flow

TWO-STREAM INSTABILITY [01]
BT1 Plasma Microinstabilities
BT2 Plasma Instability
BT3 Instability
RT Fluid Flow

TYBO EVENT
DA March 1976
BT1 Nuclear Explosions
BT2 Explosions
BT1 Underground Explosions
BT2 Explosions

TYCO PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF Process for removal of SO_2, NO, and NO_2 from flue gases.

TYPE-I SUPERCONDUCTORS [01]
BT1 Superconductors

TYPE-II SUPERCONDUCTORS [01]
UF *Type-III Superconductors*
BT1 Superconductors

Type-III Superconductors
USE Type-II Superconductors

TYPHOID [01]
BT1 Infectious Diseases
BT2 Diseases
RT Salmonella

TYPHUS [01]
BT1 Infectious Diseases
BT2 Diseases
RT Rickettsiae

TYRAMINE [01]
BT1 Amines
BT2 Organic Compounds
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT1 Sympathomimetics
BT2 Drugs

TYRONE-1 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TYRONE-2 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

TYROSINASE [01]
BT1 Oxidases
BT2 Oxidoreductases
BT3 Enzymes

TYROSINE [01]
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT1 Hydroxy Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Diiodotyrosine
RT Melanin
RT Phenylalanine

TYUYAMUNITE [01]
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
BT1 Vanadium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds

TZM
DA December 1978
USE Alloy-TZM

U CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

U CHANNEL [01]
RT Mandelstam Representation
RT Particle Interactions
RT S Channel
RT T Channel

U CODES [01]
BT1 Computer Codes

U-GAS PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Institute of Gas Technology process for producing low-Btu gas (140 Btu/SCF) by reacting crushed coal with air and steam in a single-stage fluidized-bed gasifier at 350 psi and 1900°F.

U GROUPS [01]
BT1 Lie Groups
BT2 Symmetry Groups
NT1 U-1 Groups
NT1 U-2 Groups
NT1 U-3 Groups
NT1 U-4 Groups
NT1 U-6 Groups
NT1 U-12 Groups
RT Unitary Symmetry

U-1 GROUPS [01]
BT1 U Groups
BT2 Lie Groups
BT3 Symmetry Groups

U-2 GROUPS [01]
BT1 U Groups
BT2 Lie Groups
BT3 Symmetry Groups

U-3 GROUPS [01]
BT1 U Groups
BT2 Lie Groups
BT3 Symmetry Groups

U-4 GROUPS [01]
BT1 U Groups
BT2 Lie Groups
BT3 Symmetry Groups

U-6 GROUPS [01]
BT1 U Groups
BT2 Lie Groups
BT3 Symmetry Groups

U-12 GROUPS [01]
BT1 U Groups

BT2 Lie Groups
BT3 Symmetry Groups

U Processes
USE Umklapp Processes

U-2375 RESONANCES [01]
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

U VALUES
DA April 1978
RT Building Materials
RT Heat Transfer
RT R Factors
DEF Heat transfer through a material in Btu/hr per unit area as a function of the temperature gradient.

UAR
USE Egyptian Arab Republic

UBIQUINONE [01]
BT1 Benzoquinones
BT2 Quinones
BT3 Aromatics
BT4 Organic Compounds
BT3 Organic Oxygen Compounds
BT4 Organic Compounds
BT1 Coenzymes
RT Vitamin K

UCBRR REACTOR [01]
UF *Berkeley TRIGA Reactor*
UF *University of California Berkeley Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

UCC-ND Reactor
USE UCNR Reactor

UCIRR REACTOR
DA January 1975
UF *Irvine TRIGA Reactor*
UF *University of California Irvine Reactor*
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

UCLA [01]
UF *University of California / Los Angeles*
BT1 US Organizations
BT2 National Organizations
RT California

UCLBL
USE Lawrence Berkeley Laboratory

UCLLL
USE Lawrence Livermore Laboratory

UCLRL CYCLOTRONS [01]
BT1 Isochronous Cyclotrons
BT2 Cyclotrons
BT3 Cyclic Accelerators
BT4 Accelerators

UCNCR Reactor
USE UCNR Reactor

UCNR REACTOR [01]
UF *UCC-ND Reactor*
UF *UCNCR Reactor*
UF *Union Carbide Company Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

UDIMET 700 [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Udimet Alloys
BT2 Chromium Alloys
BT3 Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT2 Heat Resisting Alloys
BT3 Alloys
BT3 Heat Resistant Materials
BT4 Materials
BT2 Molybdenum Alloys
BT3 Alloys
BT2 Nickel Base Alloys
BT3 Nickel Alloys
BT4 Alloys
BT2 Titanium Alloys
BT3 Alloys

UDIMET ALLOYS [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys
NT1 Udimet 700

UDPG [01]
BT1 Glycosides
BT2 Carbohydrates
BT3 Organic Compounds
BT1 Nucleotides
BT2 Organic Compounds
BT1 Organic Phosphorus Compounds
BT2 Organic Compounds
RT Glucose
RT Uracils
RT Uridine

UFTR REACTOR [01]
UF *Florida University Reactor*
UF *University of Florida Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UGANDA [01]
BT1 Africa

UHDE-PFIRRMANN PROCESS
DA January 1975
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
DEF A direct conversion of coal to synthetic crude oil by hydrogenation during and after solvent extraction.

Uhf (Lower Range)
USE GHz Range 01-100

Uhf (Upper Range)
USE GHz Range 100-1000

Uhf Radiation (01-100 Ghz)
USE GHz Range 01-100
AND Radiowave Radiation

Uhf Radiation (100-1000 Mhz)
USE MHz Range 100-1000
AND Radiowave Radiation

Uhf Radiation (Lower Range)
USE MHz Range 100-1000
AND Radiowave Radiation

Uhf Radiation (Upper Range)
USE GHz Range 01-100
AND Radiowave Radiation

UHTREX REACTOR [01]
UF *Ultrahigh Temperature Reactor Experiment*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

UHV AC SYSTEMS
(800 kV or over.)
DA May 1976
UF *Ultrahigh Voltage Alternating Current Systems*
BT1 AC Systems

BT2 Power Systems

UHV DC SYSTEMS (800 kV and over.)
DA May 1976
UF *Ultrahigh Voltage Direct Current Systems*
BT1 DC Systems
BT2 Power Systems

UINTA BASIN
DA June 1975
BT1 Green River Formation
RT Colorado
RT Uinta Formation
RT Utah

UINTA FORMATION
DA December 1975
RT Colorado
RT Piceance Creek Basin
RT Uinta Basin
RT Utah
DEF Strata of Eocene age and continental origin occurring typically in the Uinta Basin in Utah and Colorado.

UJM
DA November 1976
USE Jet Model

UJV [01]
DA June 1975
UF *Ustav Jadernych Vyzkumu*
BT1 Czechoslovak Organizations
BT2 National Organizations

UK Atomic Energy Agency
USE UKAEA

UK Royal Naval College-Jason Reactor
USE Jason Reactor

UKAEA [01]
UF *UK Atomic Energy Agency*
BT1 United Kingdom Organizations
BT2 National Organizations
NT1 AERE
RT United Kingdom

UKAEA-Dido Reactor
USE Dido Reactor

UKAEA-Juno Reactor
USE Juno Reactor

UKAEA-Lido Reactor
USE Lido Reactor

UKAEA-Merlin Reactor
USE Merlin Reactor

UKAEA-Nero Reactor
USE Nero Reactor

UKAEA-Nestor Reactor
USE Nestor Reactor

UKNR REACTOR [01]
UF *University of Kansas Nuclear Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

UKRAINIAN SSR [01]
BT1 USSR
BT2 Europe

ULCC
DA August 1976
USE Tanker Ships

ULCERS [01]
BT1 Pathological Changes
BT2 Diseases
RT Fistulae
RT Gangrene
RT Necrosis

ULTRACENTRIFUGATION [01]
BT1 Centrifugation
BT2 Separation Processes
RT Gas Centrifugation
RT Organoids

Ultracentrifuge Enrichment Plants
DA April 1978
USE Centrifuge Enrichment Plants

ULTRACENTRIFUGES [01]
BT1 Centrifuges
BT2 Concentrators
RT Centrifugation
RT Gas Centrifuges
RT Isotope Separation

ULTRACOLD NEUTRONS [01]
BT1 Cold Neutrons
BT2 Neutrons
BT3 Nucleons
BT4 Baryons
BT5 Fermions
BT5 Hadrons
BT6 Elementary Particles
RT Neutron Converters

ULTRAFILTRATION [01]
BT1 Separation Processes
RT Filters
RT Glomeruli
RT Sampling

Ultrahigh Frequency (Lower Range)
USE GHz Range 01-100

Ultrahigh Frequency (Upper Range)
USE GHz Range 100-1000

Ultrahigh Frequency Radiation (01-100 Ghz)
USE GHz Range 01-100
AND Radiowave Radiation

Ultrahigh Frequency Radiation (100-1000 Mhz)
USE MHz Range 100-1000
AND Radiowave Radiation

Ultrahigh Frequency Radiation (Lower Range)
USE MHz Range 100-1000
AND Radiowave Radiation

Ultrahigh Frequency Radiation (Upper Range)
USE GHz Range 01-100
AND Radiowave Radiation

ULTRAHIGH-SPEED PHOTOGRAPHY [01]
BT1 Photography

ULTRAHIGH TEMPERATURE [01]
UF *Temperature (4000 K And Above)*
RT Critical Heat Flux
RT Temperature Dependence

Ultrahigh Temperature Reactor Experiment
USE UHTREX Reactor

ULTRAHIGH VACUUM [01]
UF *Vacuum (10(-8) Torr And Below)*
RT Cryopumps
RT Pressure Dependence
RT Sputter-Ion Pumps
RT Turbomolecular Pumps
RT Vacuum Pumps

Ultrahigh Voltage Alternating Current Systems
DA May 1976
USE UHV AC Systems

Ultrahigh Voltage Direct Current Systems
DA May 1976
USE UHV DC Systems

ULTRALOW FREQUENCY RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations

ULTRALOW TEMPERATURE [01]
UF *Temperature (0000-0013 K)*
RT Cryogenics
RT Temperature Dependence
RT Thermal Boundary Resistance

ULTRAMARINE [01]
BT1 Pigments

ULTRASONIC BUBBLE CHAMBERS [01]
BT1 Bubble Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

ULTRASONIC MACHINING [01]
BT1 Machining

ULTRASONIC TESTING [01]
BT1 Acoustic Testing
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
RT Acoustic Measurements
RT Ultrasonic Waves

ULTRASONIC WAVES [01]
UF *Ultrasonics*
BT1 Sound Waves
RT Ultrasonic Testing
RT Ultrasonography

ULTRASONIC WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication

Ultrasonics
USE Ultrasonic Waves

ULTRASONOGRAPHY
DA September 1978
BT1 Diagnostic Techniques
RT Ultrasonic Waves

ULTRASTRUCTURAL CHANGES [01]
BT1 Morphological Changes
RT Biological Repair
RT Cell Constituents
RT Cytology
RT Electron Microscopy
RT Organoids
RT Photoreactivation

ULTRAVIOLET DIVERGENCES [01]
UF *Divergences (Ultraviolet)*
RT Quantum Electrodynamics

ULTRAVIOLET RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
NT1 Extreme Ultraviolet Radiation
NT1 Far Ultraviolet Radiation
NT1 Near Ultraviolet Radiation
RT Photoreactivation
RT Raman Effect
RT Ultraviolet Spectra

ULTRAVIOLET SPECTRA [01]
BT1 Spectra
RT Absorption Spectroscopy
RT Electronic Structure
RT Structural Chemical Analysis
RT Ultraviolet Radiation

ULTRAVIOLET SPECTROMETERS [01]
DA October 1978
BT1 Spectrometers
BT2 Measuring Instruments

ULVA [01]
BT1 Algae

BT2 Plants

Ulyanovsk Reactor VK-50
USE VK-50 Reactor

ULYSSE REACTOR [01]
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UMKLAPP PROCESSES [01]
UF *U Processes*
BT1 Electromagnetic Interactions
BT2 Basic Interactions
BT3 Interactions
RT Crystals
RT Electric Conductivity
RT Electrons
RT Phonons
RT Thermal Conductivity

Umm al Qaiwan
DA August 1976
USE United Arab Emirates

UMNE-1 REACTOR [01]
UF *UMR Reactor*
UF *University of Maryland Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UMOHOITE [01]
BT1 Molybdenum Oxides
BT2 Molybdenum Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

UMR Reactor
USE UMNE-1 Reactor

UMRR REACTOR [01]
UF *Missouri University/Rolla Research Reactor*
UF *MSMR Reactor*
UF *University of Missouri/Rolla Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UNCERTAINTY PRINCIPLE [01]
UF *Heisenberg Principle*
RT Quantum Mechanics

Uncorrelated-Jet Model
DA November 1976
USE Jet Model

UNCORRELATED-PARTICLE MODEL [01]
BT1 Particle Models
BT2 Mathematical Models

UNDERGROUND [01]
BT1 Levels
RT Underground Space

Underground Buildings
DA September 1977
USE Earth-Covered Buildings

UNDERGROUND DISPOSAL [01]
UF *Waste Burial*
BT1 Waste Disposal
BT2 Waste Management
BT3 Management
RT Gases
RT Radioactive Waste Disposal
RT Reinjection
RT Salt Deposits

UNDERGROUND EXPLOSIONS [01]
BT1 Explosions
NT1 Bedrock Project
NT1 Cabriolet Event
NT1 Calabash Event
NT1 Contained Explosions
NT2 Almendro Event
NT2 Baneberry Event
NT2 Benham Event
NT2 Boxcar Event
NT2 Cannikin Event
NT2 Carpetbag Event
NT2 Gasbuggy Event
NT2 Halfbeak Event
NT2 Handley Event
NT2 Monique Event
NT2 Pin Stripe Event
NT2 Pokhran Event
NT2 Rio Blanco Event
NT2 Rulison Event
NT2 Scotch Event
NT2 Wagon Wheel Event
NT1 Danny Boy Event
NT1 Dining Car Event
NT1 ESSEX I Project
NT1 Faultless Event
NT1 Flintlock Operation
NT1 Fulcrum Operation
NT1 Greeley Event
NT1 Hadley Event
NT1 Handcar Event
NT1 Hushed Echo Event
NT1 Hutch Event
NT1 Jorum Event
NT1 Latchkey Operation
NT1 Latir Event
NT1 Middle Gust Event
NT1 Milrow Event
NT1 Miniata Event
NT1 Palanquin Event
NT1 Portmanteav Event
NT1 Pre-Gondola I Event
NT1 Pre-Gondola II Event
NT1 Schooner Event
NT1 Stilton-Hushed Echo Event
NT1 Tybo Event
RT Anvil Project
RT Arbor Project
RT Cavities
RT Cratering Explosions
RT Craters
RT Explosive Fracturing
RT Explosive Stimulation
RT Ground Motion
RT Jangle Project
RT Landslides
RT Mining
RT Nuclear Excavation
RT Nuclear Explosion Detection
RT Nuclear Explosions
RT Plowshare Project
RT Rayleigh Waves
RT Seismic Detection
RT Seismic Effects
RT Seismic P Waves
RT Seismic S Waves
RT Seismic Waves
RT Seismographs
RT Seismology
RT Underground Mining
RT Underwater Explosions
RT Upshot Project
RT Vela Project

Underground Gasification
DA May 1978
USE In-Situ Gasification

Underground Heat Distribution Systems
DA May 1976
USE Heat Distribution Systems

UNDERGROUND MINING
DA January 1975
BT1 Mining
NT1 Caving Mining
NT1 Longwall Mining
NT1 Room and Pillar Mining
NT1 Shortwall Mining
RT Caving
RT Coal Mining
RT Contained Explosions
RT Cratering Explosions
RT Excavation
RT Fracturing
RT Mines
RT Modified In-Situ Processes
RT Oil Shale Mining
RT Stowing
RT Strata Movement
RT Surface Mining
RT Underground Explosions

Underground Nuclear Power Plants
USE Underground Nuclear Stations

UNDERGROUND NUCLEAR STATIONS [01]
UF *Underground Nuclear Power Plants*
BT1 Nuclear Power Plants
BT2 Nuclear Facilities
BT2 Thermal Power Plants
BT3 Power Plants
RT Power Reactors

UNDERGROUND POWER TRANSMISSION
DA January 1975
BT1 Power Transmission
RT Power Systems

UNDERGROUND SPACE
DA November 1976
RT Cavities
RT Earth-Covered Buildings
RT Mines
RT Underground
RT Underground Storage

UNDERGROUND STORAGE [01]
DA November 1976
BT1 Storage
RT Cavities
RT Geologic Deposits
RT Strategic Petroleum Reserve
RT Underground Space

UNDERWATER [01]
BT1 Levels

UNDERWATER EXPLOSIONS [01]
BT1 Explosions

NT1 Swordfish Event
RT Crossroads Project
RT Dominic Project
RT Nuclear Excavation
RT Nuclear Explosions
RT Underground Explosions

UNDERWATER FACILITIES
DA March 1977
RT Diving Operations
RT Manipulators
RT Offshore Operations
RT Underwater Operations

UNDERWATER OPERATIONS
DA March 1977
RT Diving Operations
RT Manipulators
RT Offshore Operations
RT Underwater Facilities

Underwater Vehicles
DA January 1977
USE Submarines

Unemployment
DA August 1977
USE Employment

UNESCO [01]
(United Nations Educational, Scientific and Cultural Organization)
DA December 1975
BT1 International Organizations
RT United Nations

UNGLAZED SOLAR COLLECTORS
DA February 1979
BT1 Solar Collectors

UNH [01]
DA March 1978
UF *Uranyl Nitrate Hexahydrate*
BT1 Hydrates
BT1 Uranyl Nitrates
BT2 Nitrates
BT3 Nitrogen Compounds
BT3 Oxygen Compounds
BT2 Uranyl Compounds
BT3 Uranium Compounds
BT4 Actinide Compounds

UNICELLULAR ALGAE [01]
BT1 Algae
BT2 Plants
BT1 Microorganisms
NT1 Chlamydomonas
NT1 Chlorella
NT1 Euglena
NT1 Scenedesmus
RT Plankton

Unified-Field Theory
USE Einstein-Schroedinger Theory

UNIFIED GAUGE MODELS [01]
DA January 1975
BT1 Particle Models
BT2 Mathematical Models
NT1 Weinberg Lepton Model
NT1 Weinberg-Salam Gauge Model
RT Gauge Invariance

UNIFIED MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models

UNILAC [01]
DA January 1975
BT1 Heavy Ion Accelerators
BT2 Accelerators
BT1 Linear Accelerators
BT2 Accelerators

Union Carbide Company Research Reactor
USE UCNR Reactor

Union Carbide Waste Processing System
DA November 1975
USE Purox Pyrolysis Process

Union of Soviet Socialist Republics
USE USSR

UNION OIL PROCESS
DA April 1975
RT Oil Shales
DEF A shale retorting process of the direct-heated type, using air injected into a moving bed of coarsely crushed shale to support combustion to supply process heat. The retort features a rock pump shale feeding device that pushes oil shale upward into an inverted-cone-shaped vessel that is open to the atmosphere at the top. Spent shale overflows at the top, where air enters the bed of shale and supports combustion. The flow of air, combustion product gases and pyrolysis product vapors is downward, countercurrent to the upward flow of shale solids.

Unipolar Transistors
USE Field Effect Transistors

UNISIST [01]
DA June 1975
RT Information Retrieval
RT Information Systems

UNITARITY [01]
RT Nonunitary Representations
RT S Matrix

UNITARY POLE APPROXIMATION [01]
RT K Matrix
RT Many-Body Problem
RT S Matrix

UNITARY SYMMETRY [01]
BT1 Symmetry
RT SU Groups
RT U Groups

UNITED ARAB EMIRATES
DA August 1976
UF *Abu Dhabi*
UF *Ajman*
UF *Dubai*
UF *Fujaira*
UF *Ras al Khaima*
UF *Sharja*
UF *Umm al Qaiwan*
BT1 Asia
RT OPEC

United Arab Republic
USE Egyptian Arab Republic

United Arab Republic WWR-C Reactor
USE WWR-S-Cairo Reactor

UNITED KINGDOM [01]
UF *England*
UF *Great Britain*
UF *Northern Ireland*
BT1 Europe
RT HBTX Devices
RT Irish Sea
RT MTSE Devices
RT UKAEA

UNITED KINGDOM ORGANIZATIONS [01]
BT1 National Organizations
NT1 NCSR
NT1 UKAEA
NT2 AERE

UNITED NATIONS [01]
BT1 International Organizations
NT1 UNSCEAR
RT FAO
RT IAEA
RT ILO
RT UNESCO
RT WHO

United Nuclear Corporation Proof Test Reactor
USE PTF-UNC Reactor

United States of America
USE USA

UNITHIOL [01]
BT1 Dithiols
BT2 Reagents
BT2 Thiols
BT3 Organic Sulfur Compounds
BT4 Organic Compounds
BT1 Sulfonic Acids
BT2 Organic Acids
BT3 Organic Compounds
BT2 Organic Sulfur Compounds
BT3 Organic Compounds
RT BAL

UNITON [01]
BT1 Natural Units
BT2 Units
RT Gravitational Fields
RT Gravitons

UNITS [01]
NT1 Natural Units
NT2 Uniton
NT1 SI Units

UNIVAC COMPUTERS [01]
BT1 Computers

Universal Blackbody Radiation
USE Blackbody Radiation

UNIVERSE [01]
UF *Cosmos*
UF *Metagalaxy*
RT Cosmological Models
RT Cosmology
RT Galactic Evolution
RT Hubble Effect
RT Intergalactic Space

University Minas Gerais TRIGA Reactor
USE Triga-Brazil Reactor

University of Arizona TRIGA Reactor
USE TRIGA-Arizona Reactor

University of California Berkeley Reactor
USE UCBRR Reactor

University of California Irvine Reactor
DA January 1975
USE UCIRR Reactor

University of California Lawrence Radiation Laboratory
USE Lawrence Berkeley Laboratory

University of California / Los Angeles
USE UCLA

University of Florida Reactor
USE UFTR Reactor

University of Illinois LOPRA Reactor
DA January 1975
USE LOPRA Reactor

University of Illinois TRIGA-Mk-II Reactor
USE TRIGA-3-Illinois Reactor

University of Kansas Nuclear Reactor
USE UKNR Reactor

University of Maryland Reactor
USE UMNE-1 Reactor

University of Missouri/Columbia Research Reactor
USE MURR Reactor

University of Missouri/Rolla Research Reactor
USE UMRR Reactor

University of Nevada L-77 Reactor
USE Nevada University Reactor

University of Teheran Research Reactor
USE UTRR Reactor

University of Texas TRIGA Reactor
USE TRIGA-Texas Reactor

University of Virginia Reactor
USE UVAR Reactor

University of Washington Reactor
USE UWTR Reactor

University of Wisconsin Nuclear Reactor
USE UWNR Reactor

University of Wyoming Reactor
USE UWRR Reactor

University Training Reactor Queen Mary
USE Queen Mary College UTR-B Reactor

UNLEADED GASOLINE
DA November 1976
UF *Lead-Free Gasoline*
BT1 Gasoline
BT2 Fuels
BT2 Petroleum Products
RT Gasoline Service Stations

UNLOADING
DA June 1978
RT Loading
RT Materials Handling

Unloading (Reactor)
USE Reactor Fueling

Unpinch Devices
USE Linear Hard Core Pinch Devices

UNSCEAR [01]
(United Nations Scientific Committee on Effects of Atomic Radiation.)
DA December 1975
BT1 United Nations
BT2 International Organizations
RT Dose Limits
RT Radiation Hazards

UNSEALED SOURCES [01]
BT1 Radiation Sources
RT Internal Irradiation
RT Radionuclide Kinetics

UNSTEADY FLOW [01]
BT1 Fluid Flow

UNTERWESER REACTOR [01]
UF *KKU Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

UPPER VOLTA [01]
BT1 Africa

UPPSALA SYNCHROCYCLOTRON [01]
BT1 Synchrocyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

UPSHOT PROJECT [01]
UF *Project (Upshot)*
RT Nuclear Explosions
RT Underground Explosions

UPSILON RESONANCES [01]
DA February 1978
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 Upsilon-9500 Resonances
NT1 Upsilon-10500 Resonances
DEF Possible family resonances at 9.4, 10.0, and 10.4 GeV thought to consist of a fifth quark and its antiquark.

UPSILON-9500 RESONANCES [01]
DA July 1978
BT1 Upsilon Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

UPSILON-10500 RESONANCES [01]
DA December 1978
BT1 Upsilon Resonances
BT2 Meson Resonances
BT3 Mesons
BT4 Bosons
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

UPTAKE [01]
NT1 Foliar Uptake
NT1 Intestinal Absorption
NT1 Root Absorption
NT1 Skin Absorption
RT Intake
RT Radionuclide Kinetics
RT Rectal Administration
RT Retention

UPWELLING
DA November 1977
RT Water Currents
DEF The process by which water rises from a deeper to a shallower depth.

Uracil-6-Carboxylic Acid
USE Orotic Acid

URACILS [01]
BT1 Hydroxy Compounds
BT2 Organic Compounds
BT1 Pyrimidines
BT2 Azines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
NT1 Bromouracils
NT2 BUDR
NT1 Deoxyuridine
NT1 Fluorouracils
NT2 FUDR
NT1 Iodouracils
NT2 Iododeoxyuridine
NT1 Orotic Acid
NT1 Thiouracil
NT1 Thymine
NT1 Uridine
RT UDPG
RT Uridylic Acid

URAGAN STELLARATOR [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

URAL COMPUTERS [01]
BT1 Computers

Ural Mountains
DA May 1976
USE Urals

URALS [01]
UF *Ural Mountains*
BT1 Mountains
RT USSR

Urals Atomic Power Station
SEE Beloyarsk-1 Reactor
OR Beloyarsk-2 Reactor
OR Beloyarsk-3 Reactor

URANATES [01]
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Ammonium Uranates
NT1 Bismuth Uranates
NT1 Cesium Uranates
NT1 Lithium Uranates
NT1 Potassium Uranates
NT1 Rubidium Uranates
NT1 Sodium Uranates
NT1 Strontium Uranates
NT1 Thallium Uranates

URANINITES [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
NT1 Broeggerite
NT1 Pitchblende
RT Thucholite

URANIUM [01]
BT1 Actinides
BT2 Metals
BT3 Elements
NT1 Depleted Uranium
NT1 Enriched Uranium
NT2 Highly Enriched Uranium
NT2 Moderately Enriched Uranium
NT2 Slightly Enriched Uranium
NT1 Natural Uranium
NT1 Uranium-Alpha
NT1 Uranium-Beta
NT1 Uranium-Gamma
RT Feed Materials Plants
RT Natural Radioactivity
RT Nuclear Fuels
RT Uranium Ores

URANIUM 225
DA September 1977
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 226 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 227 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 228 [01]
UF *Uranium I*
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 229 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 230 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 231 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 232 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 233 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 234 [01]
UF *Uranium II*
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 235 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 236 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 237 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 238 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Uranium Isotopes
BT2 Actinide Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

URANIUM 239 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 240 [01]
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM 242
DA July 1979
BT1 Actinide Nuclei
BT2 Heavy Nuclei
BT3 Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Uranium Isotopes
BT2 Actinide Isotopes

URANIUM ADDITIONS [01]
BT1 Uranium Alloys
BT2 Actinide Alloys
BT3 Alloys

URANIUM ALLOYS [01]
BT1 Actinide Alloys
BT2 Alloys
NT1 Uranium Additions
NT1 Uranium Base Alloys
NT2 Mulberry Alloy

URANIUM-ALPHA [01]
BT1 Uranium
BT2 Actinides
BT3 Metals
BT4 Elements

URANIUM ARSENIDES [01]
DA January 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM BASE ALLOYS [01]
BT1 Uranium Alloys
BT2 Actinide Alloys
BT3 Alloys
NT1 Mulberry Alloy

URANIUM 238 BEAMS [01]
DA November 1977
BT1 Ion Beams
BT2 Beams

URANIUM-BETA [01]
BT1 Uranium
BT2 Actinides
BT3 Metals

BT4 Elements

URANIUM BLACK [01]
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM BOROHYDRIDES
DA May 1975
BT1 Borohydrides
BT2 Boron Compounds
BT2 Hydrogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Bayleyite
NT1 Diderichite
NT1 Liebigite
NT1 Rutherfordite
NT1 Schroeckingerite
NT1 Sharpite

URANIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM COMPLEXES [01]
BT1 Actinide Complexes
BT2 Complexes
NT1 Uranyl Complexes

URANIUM COMPOUNDS [01]
BT1 Actinide Compounds
NT1 Thucholite
NT1 Uranates
NT2 Ammonium Uranates
NT2 Bismuth Uranates
NT2 Cesium Uranates
NT2 Lithium Uranates
NT2 Potassium Uranates
NT2 Rubidium Uranates
NT2 Sodium Uranates
NT2 Strontium Uranates
NT2 Thallium Uranates
NT1 Uranium Arsenides
NT1 Uranium Borides
NT1 Uranium Borohydrides
NT1 Uranium Bromides
NT1 Uranium Carbides
NT1 Uranium Carbonates
NT2 Bayleyite
NT2 Diderichite
NT2 Liebigite
NT2 Rutherfordite
NT2 Schroeckingerite
NT2 Sharpite
NT1 Uranium Chlorides
NT1 Uranium Fluorides
NT2 Uranium Hexafluoride
NT2 Uranium Pentafluoride
NT2 Uranium Tetrafluoride
NT1 Uranium Hydrides
NT1 Uranium Hydroxides
NT1 Uranium Iodides
NT1 Uranium Nitrates
NT1 Uranium Nitrides
NT1 Uranium Oxides
NT2 Becquerelite
NT2 Billietite
NT2 Brannerite
NT2 Clarkeite
NT2 Compreignacite
NT2 Curite
NT2 Demesmaekerite
NT2 Ferghanite
NT2 Francevillite
NT2 Guilleminite
NT2 Gummite
NT2 Hallimondite
NT2 Hatchettolite
NT2 Heinrichite
NT2 Ianthinite
NT2 Iriginite
NT2 Kahlerite
NT2 Kirchheimerite
NT2 Lodochnikite
NT2 Masuyite
NT2 Moctezumite
NT2 Moluranite
NT2 Naegite
NT2 Novacekite
NT2 Para-Schoepite
NT2 Rauvite
NT2 Schoepite
NT2 Sengierite
NT2 Thorianite
NT2 Tyuyamunite
NT2 Umohoite
NT2 Uranium Black
NT2 Uranium Dioxide
NT2 Uranium Oxides U3O8
NT2 Uranium Trioxide
NT2 Uranothorianite
NT2 Zeunerite
NT1 Uranium Perchlorates
NT1 Uranium Peroxides
NT1 Uranium Phosphates
NT2 Dewindtite
NT2 Dumontite
NT2 Natroautunite
NT2 Ningyoite
NT2 Parsonsite
NT2 Phosphuranylite
NT2 Sabugalite
NT2 Saleeite
NT2 Torbernite
NT2 Uranocircite
NT1 Uranium Phosphides
NT1 Uranium Selenides
NT1 Uranium Silicates
NT2 Boltwoodite
NT2 Cuprosklodowskite
NT2 Ekanite
NT2 Mackintoshite
NT2 Ranquilite
NT2 Sklodowskite
NT2 Soddyite
NT2 Uranothorite
NT2 Uranotile
NT1 Uranium Silicides
NT1 Uranium Sulfates
NT2 Johannite
NT2 Zippeite
NT1 Uranium Sulfides
NT1 Uranium Tellurides
NT1 Uranium Tungstates
NT1 Uranium Vanadates
NT2 Carnotite
NT2 Strelkinite
NT1 Uranyl Compounds
NT2 Strelkinite
NT2 Uranyl Chlorides
NT2 Uranyl Fluorides
NT2 Uranyl Nitrates
NT3 UNH
NT2 Uranyl Phosphates
NT2 Uranyl Sulfates

URANIUM CONCENTRATES [01]
BT1 Ore Concentrates
BT1 Uranium Ores
BT2 Ores
RT Feed Materials Plants
RT Ore Processing
RT Slurex Process

URANIUM DEPOSITS
DA January 1975
BT1 Geologic Deposits
BT1 Resources
NT1 Ranger Deposit
RT Geophysical Surveys
RT Oklo Phenomenon
RT Radiometric Surveys
RT Well Logging Equipment

URANIUM DIOXIDE [01]
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Uranium Hexafluoride
NT1 Uranium Pentafluoride
NT1 Uranium Tetrafluoride

URANIUM-GAMMA [01]
BT1 Uranium
BT2 Actinides
BT3 Metals
BT4 Elements

URANIUM HEXAFLUORIDE [01]
BT1 Uranium Fluorides
BT2 Fluorides
BT3 Fluorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
RT Sequoyah UF6 Production Plant

URANIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

Uranium I
USE Uranium 228

Uranium II
USE Uranium 234

URANIUM INSTITUTE [01]
(An international trade association.)
DA August 1976
BT1 International Organizations

URANIUM IODIDES [01]
BT1 Iodides
BT2 Halides

BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

URANIUM ISOTOPES [01]
BT1 Actinide Isotopes
NT1 Uranium 225
NT1 Uranium 226
NT1 Uranium 227
NT1 Uranium 228
NT1 Uranium 229
NT1 Uranium 230
NT1 Uranium 231
NT1 Uranium 232
NT1 Uranium 233
NT1 Uranium 234
NT1 Uranium 235
NT1 Uranium 236
NT1 Uranium 237
NT1 Uranium 238
NT1 Uranium 239
NT1 Uranium 240
NT1 Uranium 242

Uranium Mills
DA July 1978
USE Feed Materials Plants

URANIUM MINERALS [01]
BT1 Radioactive Minerals
BT2 Minerals
BT2 Radioactive Materials
NT1 Andersonite
NT1 Autunite
NT1 Bassetite
NT1 Bayleyite
NT1 Becquerelite
NT1 Billietite
NT1 Boltwoodite
NT1 Brannerite
NT1 Carburan
NT1 Carnotite
NT1 Clarkeite
NT1 Coffinite
NT1 Compreignacite
NT1 Cuprosklodowskite
NT1 Curite
NT1 Cyrtolite
NT1 Davidite
NT1 Demesmaekerite
NT1 Dewindtite
NT1 Diderichite
NT1 Djalmaite
NT1 Dumontite
NT1 Ekanite
NT1 Ellsworthite
NT1 Euxenite
NT1 Ferghanite
NT1 Fourmarierite
NT1 Francevillite
NT1 Gastunite
NT1 Guilleminite
NT1 Gummite
NT1 Haiweeite
NT1 Hallimondite
NT1 Hatchettolite
NT1 Heinrichite
NT1 Ianthinite
NT1 Iriginite
NT1 Ishikawaite
NT1 Johannite
NT1 Kahlerite
NT1 Kirchheimerite
NT1 Lermontovite
NT1 Liebigite
NT1 Lodochnikite
NT1 Mackintoshite
NT1 Masuyite
NT1 Moctezumite
NT1 Moluranite
NT1 Montroseite
NT1 Naegite
NT1 Natroautunite
NT1 Ningyoite
NT1 Novacekite
NT1 Para-Schoepite
NT1 Parsonsite
NT1 Phosphuranylite
NT1 Ranquilite
NT1 Rauvite
NT1 Rutherfordite
NT1 Sabugalite
NT1 Saleeite
NT1 Schoepite
NT1 Schroeckingerite
NT1 Sengierite
NT1 Sharpite
NT1 Sklodowskite
NT1 Soddyite
NT1 Strelkinite
NT1 Thorianite
NT1 Thucholite
NT1 Torbernite
NT1 Tyuyamunite
NT1 Umohoite
NT1 Uraninites
NT2 Broeggerite
NT2 Pitchblende
NT1 Uranium Black
NT1 Uranocircite
NT1 Uranophane
NT1 Uranopilite
NT1 Uranothorianite
NT1 Uranothorite
NT1 Uranotile
NT1 Zeunerite
NT1 Zippeite

URANIUM MINES [01]
DA January 1975
BT1 Mines
NT1 Beaverlodge Mine
NT1 Mary Kathleen Mines
NT1 Mi Vida Mine

URANIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM ORES [01]
BT1 Ores
NT1 Uranium Concentrates
RT Highland Uranium Mill
RT Humeca Uranium Mill
RT Jabiluka Deposit
RT Koongarra Deposit
RT Mining
RT Nabarlek Deposit
RT Natural Nuclear Reactors
RT Ranger Deposit
RT Solution Mining
RT South Alligator Deposit
RT Thiobacillus Ferroxidans
RT Uranium
RT Uranium Reserves

Uranium Oxide Fuel Plant
DA January 1975
USE Mixed Oxide Fuel Fabrication Plants

URANIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Becquerelite
NT1 Billietite
NT1 Brannerite
NT1 Clarkeite
NT1 Compreignacite
NT1 Curite
NT1 Demesmaekerite
NT1 Ferghanite
NT1 Francevillite
NT1 Guilleminite
NT1 Gummite
NT1 Hallimondite
NT1 Hatchettolite
NT1 Heinrichite
NT1 Ianthinite
NT1 Iriginite
NT1 Kahlerite
NT1 Kirchheimerite
NT1 Lodochnikite
NT1 Masuyite
NT1 Moctezumite
NT1 Moluranite
NT1 Naegite
NT1 Novacekite
NT1 Para-Schoepite
NT1 Rauvite
NT1 Schoepite
NT1 Sengierite
NT1 Thorianite
NT1 Tyuyamunite
NT1 Umohoite
NT1 Uranium Black
NT1 Uranium Dioxide
NT1 Uranium Oxides U3O8
NT1 Uranium Trioxide
NT1 Uranothorianite
NT1 Zeunerite
RT Fourmarierite

URANIUM OXIDES U3O8
UF *Yellow Cake*
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM PENTAFLUORIDE [01]
DA June 1977
BT1 Uranium Fluorides
BT2 Fluorides
BT3 Fluorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM PERCHLORATES [01]
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM PEROXIDES
DA July 1977
BT1 Peroxides
BT2 Oxygen Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Dewindtite
NT1 Dumontite
NT1 Natroautunite
NT1 Ningyoite
NT1 Parsonsite
NT1 Phosphuranylite
NT1 Sabugalite
NT1 Saleeite
NT1 Torbernite
NT1 Uranocircite

URANIUM PHOSPHIDES [01]
DA January 1975

BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM 235 REACTIONS [01]
DA October 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

URANIUM 238 REACTIONS [01]
DA October 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

URANIUM RESERVES
DA April 1975
BT1 Reserves
BT2 Resources
RT Mineral Resources
RT Uranium Ores

URANIUM SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Boltwoodite
NT1 Cuprosklodowskite
NT1 Ekanite
NT1 Mackintoshite
NT1 Ranquilite
NT1 Sklodowskite
NT1 Soddyite
NT1 Uranothorite
NT1 Uranotile

URANIUM SILICIDES [01]
BT1 Silicides
BT2 Silicon Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds
NT1 Johannite
NT1 Zippeite

URANIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM 232 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 233 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 234 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 235 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 236 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 237 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 238 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 239 TARGET [01]
DA July 1976
BT1 Targets

URANIUM 240 TARGET [01]
DA March 1978
BT1 Targets

URANIUM TELLURIDES [01]
DA June 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM TETRAFLUORIDE [01]
BT1 Uranium Fluorides
BT2 Fluorides
BT3 Fluorine Compounds
BT4 Halogen Compounds
BT3 Halides
BT4 Halogen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM TRIOXIDE [01]
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANIUM TUNGSTATES [01]
DA January 1975
BT1 Tungstates
BT1 Uranium Compounds
BT2 Actinide Compounds

URANIUM VANADATES [01]
DA June 1975
BT1 Uranium Compounds
BT2 Actinide Compounds
BT1 Vanadates
BT2 Oxygen Compounds
BT2 Vanadium Compounds
BT3 Transition Element Compounds
NT1 Carnotite
NT1 Strelkinite

Uranium X 1
USE Thorium 234

Uranium X 2
USE Thorium 231

URANOCIRCITE [01]
BT1 Barium Sulfates
BT2 Barium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANOPHANE [01]
DA June 1975
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

URANOPILITE
DA June 1975
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials

URANOTHORIANITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANOTHORITE [01]
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANOTILE [01]
BT1 Calcium Silicates
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANUS PLANET [01]
BT1 Planets

URANYL CHLORIDES
DA June 1977
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANYL COMPLEXES [01]
BT1 Uranium Complexes
BT2 Actinide Complexes
BT3 Complexes
RT Uranyl Compounds

URANYL COMPOUNDS [01]
BT1 Uranium Compounds

BT2 Actinide Compounds
NT1 Strelkinite
NT1 Uranyl Chlorides
NT1 Uranyl Fluorides
NT1 Uranyl Nitrates
NT2 UNH
NT1 Uranyl Phosphates
NT1 Uranyl Sulfates
RT Uranyl Complexes

URANYL FLUORIDES
DA February 1975
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

Uranyl Nitrate Hexahydrate
DA March 1978
USE UNH

URANYL NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds
NT1 UNH

URANYL PHOSPHATES [01]
DA September 1978
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URANYL SULFATES [01]
DA June 1975
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Uranyl Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

URBAN AREAS [01]
UF *Cities*
UF *Metropolitan Areas*
UF *Suburbs*
RT Aesthetics
RT Boom Towns
RT Planned Communities
RT Residential Sector
RT Urban Populations

URBAN POPULATIONS [01]
BT1 Human Populations
BT2 Populations
RT Sociology
RT Urban Areas

URBARYONS
DA May 1975
BT1 Postulated Particles
BT2 Elementary Particles
RT Particle Models
RT Particle Structure

UREA [01]
UF *Carbamide*
BT1 Amides
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
BT1 Carbonic Acid Derivatives
BT2 Organic Compounds
RT Allantoin
RT Citrulline
RT Uremia

UREASE [01]
BT1 Hydrolases
BT2 Enzymes

Ureidoaminovaleric Acid
USE Citrulline

UREMIA [01]
BT1 Symptoms
BT1 Urogenital System Diseases
BT2 Diseases
RT Blood
RT Kidneys
RT Urea

URETERS [01]
BT1 Urinary Tract
BT2 Organs
BT3 Body

URETHANE [01]
BT1 Carbamates
BT2 Carbonic Acid Derivatives
BT3 Organic Compounds
BT2 Carboxylic Acid Salts
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
RT Polyurethanes

Urethra
USE Urinary Tract

URIC ACID [01]
UF *8-Hydroxyxanthine*
BT1 Xanthines
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT2 Purines
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Organic Acids

URICASE [01]
BT1 Oxidases
BT2 Oxidoreductases
BT3 Enzymes

URIDINE [01]
BT1 Nucleosides
BT2 Nucleotides
BT3 Organic Compounds
BT2 Ribosides
BT1 Uracils
BT2 Hydroxy Compounds
BT3 Organic Compounds
BT2 Pyrimidines
BT3 Azines
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT UDPG

Uridine Triphosphate
DA October 1975
USE UTP

URIDYLIC ACID [01]
BT1 Nucleotides
BT2 Organic Compounds
RT Uracils

Urinalysis
USE Qualitative Chemical Analysis
AND Urine

URINARY KETOSTEROIDS [01]
UF *Ketosteroids (Urinary)*
RT Androgens
RT Steroids
RT Urine

URINARY TRACT [01]
UF *Urethra*
UF+ *Kidney Stones*
BT1 Organs
BT2 Body
NT1 Bladder
NT1 Ureters
RT Excretion
RT Kidneys
RT Mechanical Kidney
RT Urine
RT Urogenital System Diseases

URINE [01]
UF+ *Deoxycytidinuria*
UF+ *Urinalysis*
BT1 Biological Wastes
BT2 Biological Materials
BT2 Wastes
BT1 Body Fluids
BT2 Biological Materials
RT Diuretics
RT Excretion
RT Kidneys
RT Urinary Ketosteroids
RT Urinary Tract

UROBILINOGEN [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Pigments
BT1 Pyrroles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds
RT Bile

UROCANIC ACID [01]
BT1 Heterocyclic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT1 Imidazoles
BT2 Azoles
BT3 Heterocyclic Compounds
BT4 Organic Compounds
BT3 Organic Nitrogen Compounds
BT4 Organic Compounds

UROGENITAL SYSTEM DISEASES [01]
UF+ *Uterine Cervix Carcinoma*
BT1 Diseases
NT1 Menstruation Disorders
NT1 Nephritis
NT1 Nephrosclerosis
NT1 Reproductive Disorders
NT1 Uremia
RT Female Genitals
RT Gonorrhea
RT Gynecology
RT Kidneys
RT Male Genitals
RT Urinary Tract

UROKINASE [01]
BT1 Peptide Hydrolases
BT2 Hydrolases
BT3 Enzymes
RT Fibrinolysis

URONIC ACIDS
DA July 1979
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds
RT Wood
DEF Hydrolyzate of hemicellulose; class of compounds similar to sugars, but terminal carbon has been oxidized from an alcohol to a carboxyl group.

UROTROPIN [01]
UF *Hexamethylenetetramine*
BT1 Amines
BT2 Organic Compounds
BT1 Diuretics
BT2 Drugs

URR REACTOR [01]
UF *Manchester Liverpool University Research Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors

BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

URUGUAY [01]
BT1 South America
BT2 Latin America

US AEC [01]
(Includes all AEC-associated organizations.)
UF *US Atomic Energy Commission*
BT1 US Organizations
BT2 National Organizations
NT1 Ames Laboratory
NT1 ANL
NT1 Bettis
NT1 BNL
NT1 Feed Materials Production Center
NT1 HAPO
NT1 Idaho Chemical Processing Plant
NT1 KAPL
NT1 LASL
NT1 Lawrence Berkeley Laboratory
NT1 Lawrence Livermore Laboratory
NT1 Mound Laboratory
NT1 ORNL
NT1 Paducah Plant
NT1 Rocky Flats Plant
NT1 Sandia Laboratories
NT1 Savannah River Plant
NT1 Sequoyah UF6 Production Plant
NT1 Y-12 Plant
RT Regulatory Guides
RT US ERDA
RT US NRC
RT USA

US AEC Low Intensity Test Reactor
USE LITR Reactor

US AEC LPTR Reactor
USE LPTR Reactor

US AEC Materials Testing Reactor-Idaho
USE MTR Reactor

US AEC MRR
USE MRR Reactor

US AEC-NSR-1 Reactor
USE NSR-1 Reactor

US AEC-NSR-2 Reactor
USE NSR-2 Reactor

US Atomic Energy Commission
USE US AEC

US BUREAU OF MINES [01]
DA November 1976
UF *Bureau of Mines*
BT1 US Organizations
BT2 National Organizations
RT US ERDA

US COAST GUARD
DA August 1977
BT1 US Organizations
BT2 National Organizations

US Department of Agriculture
DA February 1979
USE US DOA

US Department of Commerce
DA February 1979
USE US DOC

US Department of Health, Education, and Welfare
DA February 1979
USE US HEW

US Department of Justice
DA February 1979
USE US DOJ

US Department of Labor
DA February 1979
USE US DOL

US DEPARTMENT OF TREASURY
DA February 1979
BT1 US Organizations
BT2 National Organizations

US DOA
DA February 1979
UF *US Department of Agriculture*
BT1 US Organizations
BT2 National Organizations

US DOC
DA February 1979
UF *US Department of Commerce*
BT1 US Organizations
BT2 National Organizations

US DOD
DA September 1977
UF *Department of Defense*
BT1 US Organizations
BT2 National Organizations

US DOE [01]
DA August 1977
BT1 US Organizations
BT2 National Organizations
NT1 Ames Laboratory
NT1 ANL
NT1 Atomics International Canoga Park Plant
NT1 Bartlesville Energy Technology Center
NT1 Battelle Pacific Northwest Laboratories
NT1 Bettis
NT1 BNL
NT1 Bonneville Power Administration
NT1 Energy Extension Service
NT1 Feed Materials Production Center
NT1 Hanford Reservation
NT1 HAPO
NT1 Idaho Chemical Processing Plant
NT1 Idaho National Engineering Laboratory
NT1 KAPL
NT1 Laramie Energy Research Center
NT1 Laramie Energy Technology Center
NT1 LASL
NT1 Lawrence Berkeley Laboratory
NT1 Lawrence Livermore Laboratory
NT1 Mound Laboratory
NT1 ORNL
NT1 Paducah Plant
NT1 Pantex Plant
NT1 Pinellas Plant
NT1 Pittsburgh Energy Technology Center
NT1 Portsmouth Gaseous Diffusion Plant
NT1 Rocky Flats Plant
NT1 Sandia Laboratories
NT1 Savannah River Plant
NT1 Sequoyah UF6 Production Plant
NT1 Solar Energy Research Institute
NT1 Stanford Linear Accelerator Center
NT1 US FERC
NT1 Y-12 Plant
RT US ERDA
RT US FEA

US DOI
DA April 1978
UF *Department of Interior*
BT1 US Organizations
BT2 National Organizations

US DOJ
DA February 1979
UF *US Department of Justice*
BT1 US Organizations
BT2 National Organizations

US DOL
DA February 1979
UF *US Department of Labor*
BT1 US Organizations
BT2 National Organizations

US DOT
DA August 1977
UF *Department of Transportation*
BT1 US Organizations
BT2 National Organizations

US EES
DA August 1978
USE Energy Extension Service

US EPA [01]
DA November 1977
UF *Environmental Protection Agency*
UF *EPA*
BT1 US Organizations
BT2 National Organizations

US ERDA [01]
(United States Energy Research and Development Administration.)
DA April 1975
UF *Energy Research and Development Administration*
BT1 US Organizations
BT2 National Organizations
NT1 Ames Laboratory
NT1 ANL
NT1 Atomics International Canoga Park Plant
NT1 Battelle Pacific Northwest Laboratories
NT1 Bettis
NT1 BNL
NT1 Feed Materials Production Center
NT1 Hanford Reservation
NT1 HAPO
NT1 Idaho Chemical Processing Plant
NT1 Idaho National Engineering Laboratory
NT1 KAPL
NT1 Laramie Energy Research Center
NT1 LASL
NT1 Lawrence Berkeley Laboratory
NT1 Lawrence Livermore Laboratory
NT1 Mound Laboratory
NT1 ORNL
NT1 Paducah Plant
NT1 Pantex Plant
NT1 Pinellas Plant
NT1 Portsmouth Gaseous Diffusion Plant
NT1 Rocky Flats Plant
NT1 Sandia Laboratories
NT1 Savannah River Plant
NT1 Sequoyah UF6 Production Plant
NT1 Stanford Linear Accelerator Center
NT1 Y-12 Plant
RT US AEC
RT US Bureau of Mines
RT US DOE
RT USA

US FAA
DA September 1978
UF *Federal Aviation Administration*
BT1 US Organizations
BT2 National Organizations

US FDA [01]
DA June 1978
UF *Food and Drug Administration*
BT1 US Organizations
BT2 National Organizations

US FEA [01]
DA May 1975
UF *Federal Energy Administration*
BT1 US Organizations
BT2 National Organizations

RT US DOE

US FERC
DA February 1978
UF *Federal Energy Regulatory Commission*
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
RT Regulations

US GAO
DA February 1979
UF *General Accounting Office*
BT1 US Organizations
BT2 National Organizations
RT Accounting

US General Services Administration
DA February 1979
USE US GSA

US GSA
DA February 1979
UF *US General Services Administration*
BT1 US Organizations
BT2 National Organizations

US HEW
DA February 1979
UF *US Department of Health, Education, and Welfare*
BT1 US Organizations
BT2 National Organizations

US HUD [01]
DA April 1977
BT1 US Organizations
BT2 National Organizations

US IRS
DA April 1978
UF *Internal Revenue Service*
BT1 US Organizations
BT2 National Organizations

US JCAE [01]
DA September 1975
UF *Joint Committee on Atomic Energy*
RT US Organizations

US NATIONAL ACADEMY OF SCIENCE [01]
DA May 1975
BT1 US Organizations
BT2 National Organizations

US National Council for Radiation Protection
USE US NCRP

US Naval Research Laboratory Reactor
USE NRR Reactor

US NBS [01]
DA April 1978
UF *National Bureau of Standards*
BT1 National Organizations

US NBS Reactor
USE NBSR Reactor

US NCRP [01]
(US National Council for Radiation Protection.)
UF *National Council Radiation Protection*
UF *US National Council for Radiation Protection*
BT1 US Organizations
BT2 National Organizations

US NRC [01]
(United States Nuclear Regulatory Commission-prior to 1975 was part of US AEC.)
DA April 1975
BT1 US Organizations
BT2 National Organizations
RT US AEC
RT USA

US ORGANIZATIONS [01]
BT1 National Organizations
NT1 Federal Power Commission
NT1 Federal Radiation Council
NT1 NASA
NT1 National Science Foundation
NT1 Naval Research Laboratory
NT1 ORAU
NT1 Tennessee Valley Authority
NT1 UCLA
NT1 US AEC
NT2 Ames Laboratory
NT2 ANL
NT2 Bettis
NT2 BNL
NT2 Feed Materials Production Center
NT2 HAPO
NT2 Idaho Chemical Processing Plant
NT2 KAPL
NT2 LASL
NT2 Lawrence Berkeley Laboratory
NT2 Lawrence Livermore Laboratory
NT2 Mound Laboratory
NT2 ORNL
NT2 Paducah Plant
NT2 Rocky Flats Plant
NT2 Sandia Laboratories
NT2 Savannah River Plant
NT2 Sequoyah UF6 Production Plant
NT2 Y-12 Plant
NT1 US Bureau of Mines
NT1 US Coast Guard
NT1 US Department of Treasury
NT1 US DOA
NT1 US DOC
NT1 US DOD
NT1 US DOE
NT2 Ames Laboratory
NT2 ANL
NT2 Atomics International Canoga Park Plant
NT2 Bartlesville Energy Technology Center
NT2 Battelle Pacific Northwest Laboratories
NT2 Bettis
NT2 BNL
NT2 Bonneville Power Administration
NT2 Energy Extension Service
NT2 Feed Materials Production Center
NT2 Hanford Reservation
NT2 HAPO
NT2 Idaho Chemical Processing Plant
NT2 Idaho National Engineering Laboratory
NT2 KAPL
NT2 Laramie Energy Research Center
NT2 Laramie Energy Technology Center
NT2 LASL
NT2 Lawrence Berkeley Laboratory
NT2 Lawrence Livermore Laboratory
NT2 Mound Laboratory
NT2 ORNL
NT2 Paducah Plant
NT2 Pantex Plant
NT2 Pinellas Plant
NT2 Pittsburgh Energy Technology Center
NT2 Portsmouth Gaseous Diffusion Plant
NT2 Rocky Flats Plant
NT2 Sandia Laboratories
NT2 Savannah River Plant
NT2 Sequoyah UF6 Production Plant
NT2 Solar Energy Research Institute
NT2 Stanford Linear Accelerator Center
NT2 US FERC
NT2 Y-12 Plant
NT1 US DOI
NT1 US DOJ
NT1 US DOL
NT1 US DOT
NT1 US EPA
NT1 US ERDA
NT2 Ames Laboratory
NT2 ANL
NT2 Atomics International Canoga Park Plant
NT2 Battelle Pacific Northwest Laboratories
NT2 Bettis
NT2 BNL
NT2 Feed Materials Production Center
NT2 Hanford Reservation
NT2 HAPO
NT2 Idaho Chemical Processing Plant
NT2 Idaho National Engineering Laboratory
NT2 KAPL
NT2 Laramie Energy Research Center
NT2 LASL
NT2 Lawrence Berkeley Laboratory
NT2 Lawrence Livermore Laboratory
NT2 Mound Laboratory
NT2 ORNL
NT2 Paducah Plant
NT2 Pantex Plant
NT2 Pinellas Plant
NT2 Portsmouth Gaseous Diffusion Plant
NT2 Rocky Flats Plant
NT2 Sandia Laboratories
NT2 Savannah River Plant
NT2 Sequoyah UF6 Production Plant
NT2 Stanford Linear Accelerator Center
NT2 Y-12 Plant
NT1 US FAA
NT1 US FDA
NT1 US FEA
NT1 US GAO
NT1 US GSA
NT1 US HEW
NT1 US HUD
NT1 US IRS
NT1 US National Academy of Science
NT1 US NCRP
NT1 US NRC
NT1 US OSHA
NT1 US Postal Service
NT1 US Veterans Administration
RT US JCAE

US OSHA
DA June 1978
UF *Occupational Safety and Health Administration*
UF *OSHA*
BT1 US Organizations
BT2 National Organizations

US POSTAL SERVICE
DA February 1979
BT1 US Organizations
BT2 National Organizations

US VETERANS ADMINISTRATION
DA February 1979
BT1 US Organizations
BT2 National Organizations

USA [01]
UF *United States of America*
BT1 North America
NT1 Alabama
NT1 Alaska
NT1 Appalachia
NT1 Arizona
NT1 Arkansas
NT1 California
NT2 Coso Hot Springs
NT2 Imperial Valley
NT3 Salton Sea
NT2 Long Valley
NT2 Los Angeles
NT1 Delaware
NT1 Florida
NT2 Cape Kennedy
NT1 Georgia
NT2 Atlanta
NT1 Great Basin
NT1 Hawaii
NT1 Idaho
NT2 Raft River Valley

NT1 Illinois
NT2 Chicago
NT1 Indiana
NT1 Iowa
NT1 Kansas
NT1 Kentucky
NT1 Louisiana
NT1 Maryland
NT1 Michigan
NT1 Minnesota
NT1 Mississippi
NT1 Missouri
NT1 Nebraska
NT1 Nevada
NT2 Steamboat Springs
NT1 New Jersey
NT1 New Mexico
NT2 Jemez Mountains
NT2 Los Alamos
NT1 New York
NT2 New York City
NT1 North Carolina
NT1 Ohio
NT2 Cleveland
NT1 Oklahoma
NT1 Oregon
NT1 Pennsylvania
NT2 Pittsburgh
NT1 Puerto Rico
NT1 Rocky Mountain Region
NT2 Colorado
NT3 Mahogany Zone
NT3 Sand Wash Basin
NT2 Montana
NT2 North Dakota
NT2 South Dakota
NT3 Table Mountain Area
NT2 Utah
NT3 Roosevelt Hot Springs
NT2 Wyoming
NT3 Rock Springs Sites
NT3 Washakie Basin
NT1 South Carolina
NT1 Tennessee
NT2 Chattanooga
NT2 Oak Ridge
NT1 Texas
NT1 Virgin Islands
NT1 Virginia
NT1 Washington
NT2 Richland
NT1 Washington DC
NT1 West Virginia
NT1 Wisconsin
RT OAS
RT Rocky Mountains
RT US AEC
RT US ERDA
RT US NRC

Useful Life
DA August 1976
USE Service Life

USES [01]
(For the evaluation of the usefulness of a procedure, material, or device.)
UF *Applications*
NT1 Diagnostic Uses
RT Efficiency
RT Performance

USSR [01]
UF *Soviet Union*
UF *Union of Soviet Socialist Republics*
BT1 Europe
NT1 Byelorussian SSR
NT1 Caucasus
NT1 Crimea
NT1 Dubna
NT1 Kamchatka
NT1 Kurile Islands
NT1 Lovozero
NT1 Siberia
NT1 Ukrainian SSR
RT Black Sea
RT Caspian Sea
RT Danube River
RT Paratunka Geothermal Field
RT Pauzhetsk Geothermal Field
RT Urals
RT Volga River

USSR ORGANIZATIONS [01]
DA December 1975
BT1 National Organizations
NT1 Gosatomnadzor
NT1 IHEP
NT1 Leningrad Institute of Nuclear Physics

Ustav Jadernych Vyzkumu
DA June 1975
USE UJV

USTILAGO [01]
BT1 Fungi
BT2 Plants
BT1 Parasites
RT Cereals

UTAH [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
NT1 Roosevelt Hot Springs
RT Asphalt Ridge Deposit
RT Great Basin
RT Great Salt Lake
RT Green River Formation
RT PR Springs Deposit
RT Sunnyside Deposit
RT Tar Sand Triangle Deposit
RT Uinta Basin
RT Uinta Formation
RT White River
RT White River Shale Project

UTAH UNIVERSITY REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Solid Homogeneous Reactors
BT2 Homogeneous Reactors
BT3 Reactors

Uterine Cervix Carcinoma
USE Carcinomas
AND Urogenital System Diseases

UTERUS [01]
UF *Endometrium*
UF *Myometrium*
BT1 Female Genitals
BT2 Organs
BT3 Body
RT Embryos
RT Fetuses
RT Oxytocin
RT Pregnancy

Utilities
DA May 1979
SEE Electric Utilities
OR Gas Utilities
OR Public Utilities

UTP [01]
DA September 1975
UF *Uridine Triphosphate*
BT1 Nucleotides
BT2 Organic Compounds

UTR-B Queen Mary College Reactor
USE Queen Mary College UTR-B Reactor

UTR-10 Iowa State University Reactor
USE Iowa UTR-10 Reactor

UTR-10-KINKI REACTOR [01]
UF *Kinki University UTR-10 Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UTRR REACTOR [01]
UF *University of Teheran Research Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

UVAR REACTOR [01]
UF *University of Virginia Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UVEA [01]
UF *Choroid*
BT1 Eyes
BT2 Sense Organs
BT3 Organs
BT4 Body

UVVVR [01]
(Ustavu pro Vyzkum, Vyrobu a Vyuziti Radioisotopu - Institute for the Research, Production and Application of Radioisotopes, Prague.)
DA July 1979
BT1 Czechoslovak Organizations
BT2 National Organizations

UWMAK REACTORS
DA April 1978
BT1 Tokamak Type Reactors
BT2 Thermonuclear Reactors
RT NUMAK Reactors

UWNR REACTOR [01]
UF *University of Wisconsin Nuclear Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 TRIGA Type Reactors

BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

UWRR REACTOR [01]
UF *University of Wyoming Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

UWTR REACTOR [01]
UF *University of Washington Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 LWGR Type Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

Uzbek WWR-C Reactor
USE WWR-S-Tashkent Reactor

V-A THEORY [01]
UF *Vector-Axial Vector Theory*
RT Axial-Vector Currents
RT Current Algebra
RT Fermi Interactions
RT Vector Currents

V CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

V CODES [01]
BT1 Computer Codes

1/V Law
DA October 1975
USE Reciprocal V Law

V-1 Reactor (Bohunice)
USE Bohunice V-1 Reactor

V-2 Reactor (Dukovany)
USE Dukovany V-2 Reactor

V TROUGH COLLECTORS
DA October 1978
BT1 Concentrating Collectors
BT2 Solar Collectors

VA Characteristic
DA June 1975
USE Electric Conductivity

VACANCIES [01]
BT1 Point Defects
BT2 Crystal Defects
BT3 Crystal Structure
NT1 Color Centers
NT2 A Centers
NT2 B Centers
NT2 E Centers
NT2 F Centers
NT2 H Centers
NT2 I Centers
NT2 M Centers
NT2 Q Centers
NT2 R Centers
NT2 S Centers
NT2 U Centers
NT2 V Centers
NT2 X Centers
NT2 Z Centers
NT1 Frenkel Defects
NT1 Schottky Defects
RT Traps

VACCINES [01]
RT Antigens
RT Bacteria
RT Fungi
RT Immunity
RT Inoculation
RT Viruses

VACCINIA VIRUS [01]
BT1 Viruses
BT2 Microorganisms
BT2 Parasites

Vacuum (1-10(-3) Torr)
USE Medium Vacuum

Vacuum (1-760 Torr)
USE Low Pressure

Vacuum (10(-3)-10(-8) Torr)
USE High Vacuum

Vacuum (10(-8) Torr And Below)
USE Ultrahigh Vacuum

Vacuum (Rough)
USE Low Pressure

VACUUM CARBONATE PROCESS
DA January 1979
RT Desulfurization
RT Waste Processing

VACUUM CASTING [01]
UF *Continuous Vacuum Casting*
BT1 Casting
BT2 Fabrication

VACUUM COATING [01]
DA May 1976
BT1 Surface Coating
BT2 Deposition
RT Sputtering
RT Vapor Deposited Coatings

VACUUM FERMENTATION
DA October 1978
DEF Fermentation at about 50 to 100 mm Hg.

VACUUM FURNACES [01]
BT1 Furnaces
RT Arc Furnaces
RT Electron Beam Furnaces

VACUUM GAGES [01]
BT1 Pressure Gages
BT2 Measuring Instruments
NT1 Ionization Gages
NT2 Bayard-Alpert Gages
NT2 Philips Gages
NT2 Radioactive Ionization Gages
NT1 Knudsen Gages
NT1 Mc Leod Gages
NT1 Pirani Gages
RT Vacuum Systems

VACUUM MELTING [01]
BT1 Melting
BT2 Phase Transformations

VACUUM POLARIZATION [01]
RT Quantum Electrodynamics
RT Vacuum States

VACUUM PUMPS [01]
BT1 Laboratory Equipment
BT1 Pumps
NT1 Cryopumps
NT1 Sputter-Ion Pumps
NT1 Turbomolecular Pumps
RT Getters
RT High Vacuum
RT Medium Vacuum
RT Ultrahigh Vacuum
RT Vacuum Systems

VACUUM STATES [01]
RT Annihilation Operators
RT Creation Operators
RT Field Operators
RT Instantons
RT Vacuum Polarization

VACUUM SYSTEMS [01]
RT Accelerators
RT Vacuum Gages
RT Vacuum Pumps

Vacuum Ultraviolet Radiation
USE Far Ultraviolet Radiation

VACUUM WELDING [01]
BT1 Welding
BT2 Joining
BT3 Fabrication
RT Electron Beam Welding

Vagina
USE Female Genitals

Vagotomy
USE Surgery
AND Vagus

VAGUS [01]
UF+ *Vagotomy*
BT1 Autonomic Nervous System
BT2 Nervous System
BT1 Nerves
BT2 Nervous System
RT Parasympathomimetics

VAHNUM-1 REACTOR [01]
DA April 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VAHNUM-2 REACTOR [01]
DA April 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VAK REACTOR [01]
UF *Kahl-VAK Reactor*
UF *Versuchsatomkraftwerk Kahl Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors

BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VALENCE [01]
UF *Valency States*
UF+ *Electron Acceptor*
UF+ *Electron Donor*
UF+ *Valence Electrons*
NT1 Coordination Valences
RT Hot Atom Chemistry
RT Ionic Potential
RT Radiation Chemistry
RT Redox Potential

Valence Electrons
USE Electrons
AND Valence

VALENCY MODEL
DA January 1975
BT1 Nuclear Models
BT2 Mathematical Models
RT Capture
RT Nuclear Reactions
DEF A model for certain neutron capture reactions.

Valency States
USE Valence

VALERIC ACID [01]
UF *Pentanoic Acid*
BT1 Monocarboxylic Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

VALINE [01]
UF *Aminoisovaleric Acid-alpha*
BT1 Amino Acids
BT2 Carboxylic Acids
BT3 Organic Acids
BT4 Organic Compounds

VALINOMYCIN [01]
DA November 1977
BT1 Antibiotics
BT2 Drugs
RT Lipids

Vallecitos Reactor
USE EVSR Reactor

Vallecitos VBWR Reactor
USE VBWR Reactor

VALLEYS
DA June 1976
RT Mountains
RT Watersheds

VALVES [01]
BT1 Flow Regulators
BT2 Control Equipment
BT3 Equipment
NT1 Relief Valves
NT1 Water Faucets
RT Closures
RT Pipe Fittings
RT Reactor Cooling Systems

Van Allen Belts
USE Radiation Belts

VAN DE GRAAFF ACCELERATORS [01]
UF *Tandem Accelerators*
BT1 Electrostatic Accelerators
BT2 Accelerators
NT1 CRNL Mp Tandem Accelerator
NT1 Learn Tandem Accelerator
NT1 Orsay Tandem Accelerator
RT Tandem Electrostatic Accelerators
RT VICKSI

VAN DER WAALS FORCES [01]
RT Adsorption
RT Intermolecular Forces
RT Molecules
RT Virial Equation

VAN HOVE-HUGENHOLTZ THEORY [01]
UF+ *Hugenholtz-Pines Theory*
RT Many-Body Problem

VAN HOVE MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
RT Regge Poles

Van Hove-Prigogine Theory
USE Prigogine Theorem

VAN HOVE THEORY [01]
RT Slowing-Down
RT Transport Theory

VAN VLECK THEORY [01]
RT Paramagnetism

VANADATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds
NT1 Uranium Vanadates
NT2 Carnotite
NT2 Strelkinite
RT Vanadium Oxides

VANADIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

VANADIUM 42 [01]
DA July 1978
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 44
DA February 1975
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 46 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Vanadium Isotopes

VANADIUM 47 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 48 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 49 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 50 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

VANADIUM 51 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Vanadium Isotopes

VANADIUM 52 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 53 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Vanadium Isotopes

VANADIUM 54 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei

BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Vanadium Isotopes

VANADIUM 55 [01]
DA February 1978
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Vanadium Isotopes

VANADIUM ADDITIONS [01]
BT1 Vanadium Alloys
BT2 Alloys
NT1 Alloy-N55M20V25
NT1 Alloy-N65M20V15
NT1 Alloy-VT14
NT1 Alloy-VT20
NT1 Crocar
NT1 Steel-28CdV508
NT1 Steel-08G2sfb
NT1 Steel-15Khg2sfmr
NT1 Steel-42Kh2gsnm
NT1 Steel-Kh12m
NT1 Steel-5Kh2mf
NT1 Steel-12Kh1mf
NT1 Steel-15Kh1m1f
NT1 Steel-15Kh1m1fl
NT1 Steel-38Kh5msfa
NT1 Steel-12Kh2mv8fb
NT1 Steel-4Kh12n8g8mfb
NT1 Steel-20Khn3mf
NT1 Steel-12Kh2v5fb
NT1 Steel-1Kh12v2mf
NT1 Steel-2Kh8v8m2k8
NT1 Steel-18Mnv6
NT1 Steel-Z10cdnbv9
NT1 Steel-Z10cdv7

VANADIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-66
NT1 Alloy-EHP-199
NT1 Alloy-Ehp-496
NT1 Alloy-IN-100
NT1 Alloy-50Kh4n6g12f2v
NT1 Alloy-Ts5
NT1 Alloy-VT6
NT1 Alloy-VT22
NT1 Steel-40K14g18f
NT1 Steel-20Khmf
NT1 Steel-R18
NT1 Transage 120
NT1 Transage 129
NT1 Transage 134
NT1 Vanadium Additions
NT2 Alloy-N55M20V25
NT2 Alloy-N65M20V15
NT2 Alloy-VT14
NT2 Alloy-VT20
NT2 Crocar
NT2 Steel-28CdV508
NT2 Steel-08G2sfb
NT2 Steel-15Khg2sfmr
NT2 Steel-42Kh2gsnm
NT2 Steel-Kh12m
NT2 Steel-5Kh2mf
NT2 Steel-12Kh1mf
NT2 Steel-15Kh1m1f
NT2 Steel-15Kh1m1fl
NT2 Steel-38Kh5msfa
NT2 Steel-12Kh2mv8fb
NT2 Steel-4Kh12n8g8mfb
NT2 Steel-20Khn3mf
NT2 Steel-12Kh2v5fb
NT2 Steel-1Kh12v2mf
NT2 Steel-2Kh8v8m2k8
NT2 Steel-18Mnv6
NT2 Steel-Z10cdnbv9
NT2 Steel-Z10cdv7
NT1 Vanadium Base Alloys
NT2 Vanstar 7
NT1 Vikalloy 1
NT1 Vikalloy 2

VANADIUM ARSENIDES [01]
DA June 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM BASE ALLOYS [01]
BT1 Vanadium Alloys
BT2 Alloys
NT1 Vanstar 7

VANADIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

VANADIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Vanadates
NT2 Uranium Vanadates
NT3 Carnotite
NT3 Strelkinite
NT1 Vanadium Arsenides
NT1 Vanadium Borides
NT1 Vanadium Bromides
NT1 Vanadium Carbides
NT1 Vanadium Chlorides
NT1 Vanadium Fluorides
NT1 Vanadium Hydrides
NT1 Vanadium Hydroxides
NT1 Vanadium Iodides
NT1 Vanadium Nitrates
NT1 Vanadium Nitrides
NT1 Vanadium Oxides
NT2 Corvusite
NT2 Ferghanite
NT2 Francevillite
NT2 Melanovanadite
NT2 Pascoite
NT2 Rauvite
NT2 Sengierite
NT2 Tyuyamunite
NT1 Vanadium Phosphates
NT1 Vanadium Phosphides
NT1 Vanadium Selenides
NT1 Vanadium Silicates
NT1 Vanadium Silicides
NT1 Vanadium Sulfates
NT1 Vanadium Sulfides
NT1 Vanadium Tungstates

VANADIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

VANADIUM ISOTOPES [01]
NT1 Vanadium 42
NT1 Vanadium 44
NT1 Vanadium 46
NT1 Vanadium 47
NT1 Vanadium 48
NT1 Vanadium 49
NT1 Vanadium 50
NT1 Vanadium 51
NT1 Vanadium 52
NT1 Vanadium 53
NT1 Vanadium 54
NT1 Vanadium 55

VANADIUM MINERALS
DA October 1975
BT1 Minerals

VANADIUM NITRATES [01]
DA December 1976
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM ORES [01]
DA June 1975
BT1 Ores

VANADIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds
NT1 Corvusite
NT1 Ferghanite
NT1 Francevillite
NT1 Melanovanadite
NT1 Pascoite
NT1 Rauvite
NT1 Sengierite
NT1 Tyuyamunite
RT Vanadates

VANADIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds

BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM PHOSPHIDES
DA April 1979
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM SELENIDES
DA November 1977
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM SILICIDES [01]
DA January 1975
BT1 Silicides
BT2 Silicon Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANADIUM 48 TARGET
DA June 1979
BT1 Targets

VANADIUM 49 TARGET [01]
DA July 1976
BT1 Targets

VANADIUM 50 TARGET [01]
DA July 1976
BT1 Targets

VANADIUM 51 TARGET [01]
DA July 1976
BT1 Targets

VANADIUM TUNGSTATES [01]
DA January 1975
BT1 Tungstates
BT1 Vanadium Compounds
BT2 Transition Element Compounds

VANDELLOS REACTOR [01]
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 GCR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VANES [01]
RT Fins
RT Reactor Components

VANPOOLING
DA June 1977
BT1 Carpooling
RT Energy Conservation

VANSTAR 7 [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Vanadium Base Alloys
BT2 Vanadium Alloys
BT3 Alloys
BT1 Zirconium Alloys
BT2 Alloys

VAPOR COMPRESSION REFRIGERATION CYCLE
DA May 1978
RT Air Conditioners
RT Cooling Systems
RT Gas Compressors
RT Refrigerating Machinery
RT Refrigeration
RT Refrigerators

VAPOR CONDENSATION [01]
UF *Condensation (Vapor)*
NT1 Dropwise Condensation
NT1 Film Condensation
RT Condensates
RT Condensation Chambers
RT Condensation Nuclei
RT Cooling
RT Dew Point
RT Fog
RT Heat Transfer
RT Subcooling
RT Vapor Condensers

VAPOR CONDENSERS [01]
UF *Condensers (Vapor)*
BT1 Condensers
NT1 Cold Traps
NT1 Steam Condensers
NT2 Ice Condensers
NT2 Isolation Condensers
RT Cooling Towers
RT Counterflow Systems
RT Crossflow Systems
RT Evaporators
RT Heat Sinks
RT Vapor Condensation
RT Vapor Separators

VAPOR DEPOSITED COATINGS [01]
BT1 Coatings
RT Chemical Vapor Deposition
RT Sputtering
RT Vacuum Coating
RT Vapor Plating

VAPOR-DOMINATED SYSTEMS (Prior to May, 1976 DRY-STEAM SYSTEMS was used for this concept.)
DA March 1976
UF *Dry-Steam Systems*
BT1 Hydrothermal Systems
BT2 Geothermal Systems
RT Geysers Geothermal Field
RT Larderello Geothermal Field
RT Matsukawa Geothermal Field

VAPOR GENERATORS [01]
UF *Generators (Vapor)*
BT1 Boilers
NT1 Steam Generators
RT Rankine Cycle Engines
RT Reactor Cooling Systems
RT Vapors

Vapor Incinerators
DA November 1975
USE Afterburners

VAPOR JET EJECTORS [01]
NT1 Steam Jet Ejectors
RT MHD Generators

VAPOR PLATING [01]
BT1 Plating
BT2 Surface Coating
BT3 Deposition
RT Cathode Sputtering
RT Chemical Vapor Deposition
RT Vapor Deposited Coatings

VAPOR PRESSURE [01]
UF *Pressure (Vapor)*
BT1 Thermodynamic Properties
BT2 Physical Properties
RT Knudsen Flow

VAPOR SEPARATORS [01]
UF *Moisture Separators*
UF *Separators (Vapor)*
NT1 Steam Separators
RT MHD Generators
RT Vapor Condensers

Vaporization
USE Evaporation

VAPORIZATION HEAT [01]
UF *Heat of Vaporization*
UF *Latent Heat of Vaporization*
BT1 Transition Heat
BT2 Enthalpy
BT3 Thermodynamic Properties
BT4 Physical Properties
RT Evaporation
RT Latent Heat Storage

VAPORS [01]
BT1 Gases
BT2 Fluids
NT1 Water Vapor
RT Distillates
RT Evaporation
RT Liquids
RT Vapor Generators
RT Void Fraction

Varactors
USE Variable Capacitance Diodes

Variability (Biological)
USE Biological Variability

Variability (Genetic)
USE Genetic Variability

VARIABLE CAPACITANCE DIODES [01]
UF *Varactors*
BT1 Semiconductor Diodes
BT2 Semiconductor Devices

VARIABLE ENERGY CYCLOTRONS [01]
BT1 Cyclotrons
BT2 Cyclic Accelerators
BT3 Accelerators

Variable Moment of Inertia Model
USE VMI Model

VARIABLE STARS [01]
BT1 Stars
NT1 Eruptive Variable Stars
NT2 Novae
NT2 Supernovae
NT2 T Tauri Stars
NT1 Pulsating Variable Stars
NT2 Cepheids
RT Magnetic Stars

VARIAN COMPUTERS
DA November 1975
BT1 Computers

VARIATIONAL METHODS [01]
NT1 HSK Procedure
NT1 Resonating-Group Method
NT1 Schwinger Variational Method
RT Mathematics
RT Neutron Transport Theory
RT Optimization
RT Ritz Method

VARIATIONS [01]
UF *Periodicity*
NT1 Annual Variations
NT1 Daily Variations
NT1 Fluctuations
NT1 Geographical Variations
NT2 Latitude Effect

NT1 Monthly Variations
NT1 Seasonal Variations
RT Disturbances
RT Landau Fluctuations
RT Modulation
RT Oscillations
RT Pulsations
RT Reactor Noise
RT Temperature Noise
RT Transients

Varistors
DA June 1975
USE Semiconductor Resistors

VARLEY MECHANISM [01]
RT Crystal Defects
RT Crystals
RT Interstitials
RT Radiation Effects

VARNISHES [01]
BT1 Coatings
RT Dielectric Materials

VASCULAR DISEASES [01]
BT1 Diseases
NT1 Hypertension

VASOCONSTRICTION [01]
RT Blood Circulation
RT Blood Vessels
RT Capillaries
RT Sympathomimetics
RT Vasodilation

VASODILATION [01]
DA October 1977
RT Blood Circulation
RT Blood Vessels
RT Capillaries
RT Sympathomimetics
RT Vasoconstriction

VASOPRESSIN [01]
UF *Antidiuretic Hormone*
BT1 Pituitary Hormones
BT2 Peptide Hormones
BT3 Hormones
RT Tubules

Vavilov-Cherenkov Radiation
USE Cherenkov Radiation

VBWR REACTOR [01]
UF *Vallecitos VBWR Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VCOCLND [01]
(Vienna Convention On Civil Liability for Nuclear Damage.)
UF *Liability Conv Nuclear Damage, Vienna*
UF *Vienna Convention on Civil Liability*
BT1 International Agreements
BT2 Agreements
RT Civil Liability

Vector-Axial Vector Theory
USE V-A Theory

VECTOR CURRENTS [01]
BT1 Algebraic Currents
BT2 Currents
RT Axial-Vector Currents
RT CVC Theory
RT PCVC Theory
RT V-A Theory

VECTOR DOMINANCE MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
RT Vector Mesons

VECTOR FIELDS [01]
RT Quantum Chromodynamics
RT Quantum Field Theory

VECTOR MESONS [01]
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 K-892 Resonances
NT1 Omega-784 Resonances
NT1 Phi-1019 Resonances
NT1 Psi Resonances
NT2 Psi-3105 Resonances
NT2 Psi-3695 Resonances
NT2 PSI-3772 Resonances
NT2 PSI-4028 Resonances
NT2 Psi-4100 Resonances
NT2 Psi-4300 Resonances
NT2 PSI-4414 Resonances
NT1 Rho-765 Resonances
NT1 Rho-1600 Resonances
RT Gluon Model
RT Gluons
RT Higgs Model
RT Meson Nonets
RT Vector Dominance Model
DEF Mesons with spin-parity of one-minus.

VECTORS [01]
BT1 Tensors
NT1 Isovectors
RT Banach Space
RT Eigenvectors
RT Helmholtz Theorem
RT Laplacian
RT Mathematics
RT Poynting Theorem
RT Spinors
RT Tensor Forces

VEGARD LAW [01]
RT Alloy Systems
RT Crystal Lattices

VEGETABLES [01]
(Edible parts of plants only.)
BT1 Food
NT1 Beans
NT1 Beets
NT2 Sugar Beets
NT1 Brassica
NT1 Carrots
NT1 Cucumbers
NT1 Kale
NT1 Lettuce
NT1 Onions
NT1 Peas
NT1 Peppers
NT1 Potatoes
NT1 Radishes
NT1 Soybeans
NT1 Spinach
NT1 Tomatoes
NT1 Yams
RT Crops

Vegetation
USE Plants

VEGETATIVE PROPAGATION [01]
BT1 Cloning
RT Adventitious Bud Technique
RT Plants
RT Reproduction

VEHICLES [01]
DA February 1975
NT1 Air Cushion Vehicles
NT1 Automobiles
NT1 Bicycles
NT1 Buses
NT1 Electric-Powered Vehicles
NT2 Hybrid Electric-Powered Vehicles
NT1 Flywheel-Powered Vehicles
NT1 Motorcycles
NT1 Recreational Vehicles
NT1 Trackless Vehicles
NT1 Trains
NT2 Levitated Trains
NT2 Railroad Cars
NT1 Trucks
RT Earthmoving Equipment
RT Land Transport
RT Mechanical Transmissions
RT Mobile Homes
RT Road Tests
RT Tires
RT Traffic Control
RT Wheels

VEINS [01]
BT1 Blood Vessels
BT2 Cardiovascular System
NT1 Portal System
RT Intravenous Injection
RT Lymph Vessels

VELA PROJECT [01]
UF *Project (Vela)*
NT1 Cowboy Event
NT1 Gnome Event
NT1 Lollipop Event
NT1 Long Shot Event
NT1 Salmon Event
NT1 Shoal Event
NT1 Sterling Event
RT Contained Explosions
RT Nuclear Explosions
RT Seismic Detection
RT Seismology
RT Underground Explosions

VELOCIMETERS [01]
DA August 1975
UF *Speed Indicators*
BT1 Measuring Instruments
RT Accelerometers
RT Velocity

VELOCITY [01]
NT1 Angular Velocity
NT1 Critical Velocity
NT1 Mach Number
NT1 Phase Velocity
NT1 Radial Velocity
RT Acceleration
RT Flow Rate
RT Kinetic Energy
RT Linear Momentum
RT Motion
RT Velocimeters

VELOCITY-PUMPS REACTION TURBINES
DA July 1979
BT1 Turbines
BT2 Turbomachinery

VENERA SPACE PROBES [01]
DA June 1979
BT1 Space Vehicles
RT Space Flight

VENEZIANO MODEL [01]
BT1 Particle Models
BT2 Mathematical Models
NT1 Dual Resonance Model
RT Scattering Amplitudes

VENEZUELA [01]
BT1 South America
BT2 Latin America
RT Andes
RT OPEC

VENOMS [01]
RT Toxicity
RT Toxins

VENTILATION [01]
UF+ *Ventilation Ducts*

RT Aerosols
RT Air
RT Air Cleaning Systems
RT Air Conditioning
RT Airtightness
RT Filters
RT Fume Hoods
RT Gaseous Wastes
RT Stacks
RT Ventilation Systems

VENTILATION BARRIERS
DA May 1978
SF *Barriers*
UF *Stoppings*

Ventilation Ducts
DA June 1977
USE Ducts
AND Ventilation

VENTILATION SYSTEMS
DA January 1978
RT Air Cleaning Systems
RT Air Conditioning
RT Ventilation

VENTS [01]
RT Openings

VENTURI TUBES [01]
RT Flowmeters

VENUS PLANET [01]
BT1 Planets

VENUS REACTOR [01]
UF *Vulcain Experiment Nuclear Study*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

VEP-1 [01]
BT1 Storage Rings

VEPP-2 [01]
BT1 Storage Rings

VEPP-3 [01]
BT1 Storage Rings

VEPP-4 [01]
BT1 Storage Rings

VERA REACTOR [01]
UF *Versatile Experimental Reactor Assembly*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

VERMICULITE [01]
BT1 Aluminium Silicates
BT2 Aluminium Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Inorganic Ion Exchangers
BT2 Ion Exchange Materials
BT1 Iron Silicates
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Magnesium Silicates
BT2 Magnesium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Minerals

VERMONT [01]
BT1 North Atlantic Region
RT Connecticut River
RT Connecticut River Basin

VERMONT YANKEE REACTOR [01]
UF *Yankee Vermont Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VERNALIZATION [01]
RT Cereals
RT Crops
RT Seasons
RT Seeds
RT Sprouting
RT Temperature Dependence

VERNEUIL METHOD
DA January 1975
BT1 Crystal Growth
BT1 Flames
RT Monocrystals
DEF Method of single-crystal growth in which powder is dropped through an oty-hydrogen flame, falling molten on crystal seed.

VERNIER CHRONOTRONS [01]
BT1 Chronotrons
BT2 Time Interval Analyzers
BT3 Measuring Instruments

VERPLANCK-1 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VERPLANCK-2 REACTOR [01]
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Versatile Experimental Reactor Assembly
USE VERA Reactor

Versatile Intermediate Pulsed Experimental Reactor
USE VIPER Reactor

Versene
USE EDTA

Versuchsatomkraftwerk Kahl Reactor
USE VAK Reactor

VERTEBRAE [01]
UF *Spine*
BT1 Skeleton
BT2 Organs
BT3 Body
RT Spinal Cord
RT Spondylitis

VERTEBRATES [01]
BT1 Animals
NT1 Amphibians
NT2 Frogs
NT2 Salamanders
NT3 Axolotl
NT3 Triturus
NT2 Toads
NT1 Birds
NT2 Fowl
NT3 Chickens
NT3 Ducks
NT3 Geese
NT2 Pigeons
NT1 Fishes
NT2 Codfish
NT2 Eel
NT2 Goldfish
NT2 Plaice
NT2 Salmon
NT2 Striped Bass
NT2 Trout
NT2 Tuna
NT1 Mammals
NT2 Bats
NT2 Buffalo
NT2 Burros
NT2 Cats
NT2 Cetaceans
NT2 Dogs
NT3 Beagles
NT2 Horses
NT2 Manatees
NT2 Marsupials
NT2 Pikas
NT2 Primates
NT3 Apes
NT3 Man
NT4 Adolescents
NT4 Children
NT5 Infants
NT4 Men
NT4 Women
NT3 Monkeys
NT4 Macacus
NT2 Rabbits
NT2 Rodents
NT3 Chipmunks
NT3 Gerbils
NT3 Guinea Pigs
NT3 Hamsters
NT3 Mice
NT3 Prairie Dogs
NT3 Rats
NT3 Squirrels
NT3 Voles
NT2 Ruminants
NT3 Antelopes
NT3 Cattle
NT4 Calves
NT4 Cows
NT3 Deer
NT3 Goats
NT3 Llamas
NT3 Sheep
NT2 Shrews
NT2 Swine
NT3 Miniature Swine
NT2 Wolves
NT1 Reptiles
NT2 Alligators
NT2 Lizards
NT2 Snakes
NT2 Turtles

VERTEX FUNCTIONS [01]
BT1 Functions
RT Form Factors
RT Quantum Field Theory

VERTICAL AXIS TURBINES
DA February 1976
BT1 Wind Turbines
NT1 Giromill Turbines
NT1 Tornado Turbines
RT Darrieus Rotors
RT Madaras Rotors
RT Savonius Rotors

VERTICAL DIVESTITURE
DA September 1977
RT Competition
RT Petroleum Industry
RT Regulations

VERTICAL INTEGRATION
DA April 1978
RT Commerce
RT Competition
RT Industry
RT Petroleum Industry

Very High Frequency
USE MHz Range

Very High Frequency Radiation
USE MHz Range
AND Radiowave Radiation

VERY HIGH PRESSURE [01]
UF *Pressure (1000 Atm and above)*
RT Pressure Dependence

VERY HIGH TEMPERATURE [01]
UF *Temperature (1000-4000 K)*
RT Critical Heat Flux
RT Temperature Dependence
RT VHTR Reactor

Very Low Pressure
USE Medium Vacuum

VERY LOW TEMPERATURE [01]
UF *Temperature (0013-0065 K)*
RT Cryogenics
RT Temperature Dependence

Vessels
USE Containers

Vessels (Chemical Reactions)
DA May 1976
USE Chemical Reactors

Vessels (Pressure)
USE Pressure Vessels

Vessels (Reactor)
USE Reactor Vessels

VESTIBULAR APPARATUS [01]
UF+ *Labyrinth*
BT1 Sense Organs
BT2 Organs
BT3 Body
RT Auditory Organs

Vetch
USE Vicia

Veterans Administration Hospital TRIGA Reactor
USE TRIGA-Veterans Reactor

VETERINARY MEDICINE [01]
BT1 Medicine
RT Animals

VGL DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

Vhf
USE MHz Range

Vhf Radiation
USE MHz Range
AND Radiowave Radiation

VHTR REACTOR [01]
DA March 1978
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT Very High Temperature

VIABILITY [01]
DA September 1975
RT Biological Regeneration
RT Growth
RT Life Cycle
RT Reproduction

VIBRATING SAMPLE MAGNETOMETERS [01]
BT1 Magnetometers
BT2 Measuring Instruments

Vibration Modes
USE Oscillation Modes

Vibrational Band
USE Vibrational States

VIBRATIONAL STATES [01]
UF *Vibrational Band*
BT1 Excited States
BT2 Energy Levels
RT Infrared Spectra
RT Lattice Vibrations
RT Rydberg-Klein-Rees Method

Vibrations (Lattice)
USE Lattice Vibrations

Vibrations (Mechanical)
USE Mechanical Vibrations

VICIA [01]
UF *Vetch*
BT1 Leguminosae
BT2 Plants

VICKERS HARDNESS [01]
RT Hardness

VICKSI
(Van de Graaff-Isochronous Cyclotron Combination Heavy Ion Facility at the Hahn-Meitner Institute, Berlin.)
DA November 1975
BT1 Heavy Ion Accelerators
BT2 Accelerators
RT Isochronous Cyclotrons
RT Van de Graaff Accelerators

VICTIMS COMPENSATION [01]
DA March 1978
RT Insurance
RT Liabilities
RT Workmens Compensation

VICTORIA [01]
BT1 Australia
BT2 Australasia

VIDAL-1 REACTOR [01]
DA October 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VIDAL-2 REACTOR [01]
DA October 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

VIDICONS [01]
BT1 Camera Tubes
BT2 Image Tubes
RT Television Cameras

Vienna Convention on Civil Liability
USE VCOCLND

VIET NAM [01]
DA March 1978
BT1 Asia
BT1 Developing Countries

Vietnam - North
USE North Vietnam

Vietnam - South
USE South Vietnam

Vietnamese TRIGA-Mk-II Reactor
USE TRIGA-2-Dalat Reactor

VIKALLOY 1 [01]
BT1 Carbon Additions
BT2 Alloys
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys

VIKALLOY 2 [01]
DA December 1978
BT1 Cobalt Base Alloys
BT2 Cobalt Alloys
BT3 Alloys
BT1 Iron Alloys
BT2 Alloys
BT1 Vanadium Alloys
BT2 Alloys

VIKING SPACE PROBES [01]
DA September 1976
BT1 Space Vehicles

Villigen Cyclotron
USE SIN Cyclotron

VINBLASTINE [01]
BT1 Alkaloids
BT2 Organic Compounds
BT1 Antimitotic Drugs
BT2 Drugs
BT1 Indoles
BT2 Pyrroles
BT3 Azoles
BT4 Heterocyclic Compounds
BT5 Organic Compounds
BT4 Organic Nitrogen Compounds
BT5 Organic Compounds
RT Leukemia

Vinca R-A Reactor Yugoslavia
USE R-A Reactor

Vinca R-B Reactor Yugoslavia
USE R-B Reactor

Vinoflex
USE Polyvinyls

VINT TORSATRON [01]
DA April 1977
BT1 Torsatron Stellarator
BT2 Stellarators
BT3 Closed Plasma Devices
BT4 Thermonuclear Devices

VINTOTRON DEVICES
DA January 1975
BT1 Thermonuclear Devices

Vinyl Cyanide
USE Acrylonitrile

VINYL MONOMERS [01]
BT1 Monomers
RT Acrolein
RT Acrylamide
RT Acrylates
RT Acrylic Acid
RT Acrylic Acid Esters
RT Acrylonitrile
RT Methacrylates
RT Methacrylic Acid
RT Methacrylic Acid Esters
RT Styrene

VINYL RADICALS [01]
BT1 Alkyl Radicals
BT2 Radicals

Vinylbenzene
USE Styrene

VINYLIDENE RADICALS [01]
BT1 Radicals

VIOLANTHRONE [01]
BT1 Condensed Aromatics
BT2 Aromatics
BT3 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
BT1 Ketones
BT2 Organic Compounds
RT Dyes

VIPER REACTOR [01]
UF *Versatile Intermediate Pulsed Experimental Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors

Virgil C Summer-1 Reactor
USE Summer-1 Reactor

VIRGIN ISLANDS
DA July 1979
BT1 USA
BT2 North America

VIRGINIA [01]
BT1 Central Region
BT1 USA
BT2 North America
RT Chesapeake Bay
RT James River
RT Potomac River

Virginia Polytechnic Institute Training Reactor
USE VPI-UTR-10 Reactor

VIRIAL EQUATION [01]
(In thermodynamics only.)
RT Equations of State
RT Gases
RT Thermodynamics
RT Van der Waals Forces

VIRIAL THEOREM [01]
(In mechanics only.)
RT Kinetic Energy
RT Mechanics
RT Particles
RT Statistics

VIRTUAL HEIGHT
DA January 1975
BT1 Height
BT2 Dimensions
RT Ionosphere
RT Scale Height
DEF Apparent height of an ionized atmospheric layer determined from time interval between the transmitted signal and the ionospheric echo at vertical incident.

Virtual Mass Effect
DA August 1976
USE Hydrodynamic Mass Effect

VIRTUAL PARTICLES [01]
BT1 Elementary Particles
RT Deep Inelastic Scattering

VIRTUAL STATES [01]
BT1 Energy Levels

VIRULENCE [01]
RT Infectious Diseases
RT Microorganisms

VIRUSES [01]
BT1 Microorganisms
BT1 Parasites
NT1 Bacteriophages
NT1 Influenza Viruses
NT1 Measles Virus
NT1 Oncogenic Viruses
NT2 Adenovirus
NT2 Leukemia Viruses
NT2 Polyoma Virus
NT1 Polio Virus
NT1 Simian Virus
NT1 Tobacco Mosaic Virus
NT1 Vaccinia Virus
RT Herpes Simplex
RT Herpes Zoster
RT Infectious Diseases
RT Inoculation
RT Interferon
RT Mutagens
RT Newcastle Disease
RT Particles
RT Plaque Formation
RT Vaccines

VISCOSE [01]
BT1 Polysaccharides
BT2 Saccharides
BT3 Carbohydrates
BT4 Organic Compounds
BT1 Xanthates
BT2 Organic Sulfur Compounds
BT3 Organic Compounds

VISCOSIMETERS [01]
BT1 Measuring Instruments

VISCOSITY [01]
RT Fluid Flow
RT Internal Friction
RT Superfluidity
RT Thixotropy
RT Viscous Flow

VISCOUS FLOW [01]
BT1 Fluid Flow
NT1 Couette Flow
RT Laminar Flow
RT Navier-Stokes Equation
RT Prandtl Number
RT Reynolds Number
RT Stokes Law
RT Turbulent Flow
RT Viscosity

VISIBILITY
DA February 1978
RT Fog
RT Luminosity
RT Opacity
RT Optical Properties
RT Smog
RT Smokes
RT Visible Radiation

VISIBLE RADIATION [01]
UF *Light*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Fresnel Coefficient
RT Kerr Effect
RT Laser Radiation
RT Light Scattering
RT Light Sources
RT Lighting Systems
RT Monochromatic Radiation
RT Opacity
RT Optics
RT Photon Beams
RT Photoperiod
RT Photoreactivation
RT Raman Effect
RT Reflectivity
RT Refractivity
RT Schlieren Method
RT Visibility
RT Voigt Effect

VISIBLE SPECTRA [01]
DA November 1976
BT1 Spectra

VISION [01]
RT Eyes

VITALLIUM [01]
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Molybdenum Alloys
BT2 Alloys

VITAMIN A [01]
UF *Axerophtol*
BT1 Vitamins
RT Carotenoids

Vitamin B-1
USE Thiamine

Vitamin B-2
USE Riboflavin

Vitamin B-5
USE Pantothenic Acid

Vitamin B-6
USE Pyridoxine

VITAMIN B-12 [01]
UF *Cyanocobalamin*
BT1 Vitamin B Group
BT2 Vitamins
RT Anemias
RT Intrinsic Factor

VITAMIN B GROUP [01]
BT1 Vitamins
NT1 Biotin
NT1 Carnitine
NT1 Folic Acid
NT1 Nicotinamide
NT1 Nicotinic Acid
NT1 Pantothenic Acid
NT1 Pyridoxine
NT1 Riboflavin
NT1 Thiamine
NT1 Vitamin B-12
RT Adenines

RT Citrovorum Factor
RT Coenzymes
RT Lipotropic Factors
RT PABA
RT Pyridoxal

Vitamin B-T
USE Carnitine

Vitamin C
USE Ascorbic Acid

VITAMIN D [01]
BT1 Vitamins
NT1 Cholecalciferol
NT1 Ergocalciferol
RT Rickets

Vitamin D-2
USE Ergocalciferol

Vitamin D-3
USE Cholecalciferol

VITAMIN E [01]
UF *Tocopherols*
BT1 Vitamins

Vitamin H
USE Biotin

Vitamin H-1
USE PABA

VITAMIN K [01]
BT1 Quinones
BT2 Aromatics
BT3 Organic Compounds
BT2 Organic Oxygen Compounds
BT3 Organic Compounds
BT1 Vitamins
RT Anticoagulants
RT Ubiquinone

Vitamin P
USE Bioflavonoids

Vitamin PP
USE Nicotinamide

VITAMINS [01]
NT1 Ascorbic Acid
NT1 Bioflavonoids
NT1 Vitamin A
NT1 Vitamin B Group
NT2 Biotin
NT2 Carnitine
NT2 Folic Acid
NT2 Nicotinamide
NT2 Nicotinic Acid
NT2 Pantothenic Acid
NT2 Pyridoxine
NT2 Riboflavin
NT2 Thiamine
NT2 Vitamin B-12
NT1 Vitamin D
NT2 Cholecalciferol
NT2 Ergocalciferol
NT1 Vitamin E
NT1 Vitamin K
RT Biochemistry
RT Carotenoids
RT Diet
RT Drugs
RT Food
RT Metabolism

VITON [01]
BT1 Rubbers
BT2 Elastomers
BT3 Polymers
BT2 Organic Polymers
BT3 Organic Compounds
BT3 Polymers

VITRIFICATION [01]
RT Glass
RT Harvest Process
RT Waste Processing

VK-50 REACTOR [01]
UF *Ulyanovsk Reactor VK-50*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

Vlasov Equation
USE Boltzmann-Vlasov Equation

Vlasov Instability
USE Boltzmann-Vlasov Equation

VLCC
DA August 1976
USE Tanker Ships

VMI MODEL [01]
UF *Variable Moment of Inertia Model*
BT1 Nuclear Models
BT2 Mathematical Models
RT Backbending
RT Moment of Inertia

VNT Alloys
DA December 1978
USE Steel VNT

Vocabulary (Controlled)
USE Standardized Terminology

VOGTLE-1 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VOGTLE-2 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VOGTLE-3 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VOGTLE-4 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

VOID COEFFICIENT [01]
BT1 Reactivity Coefficients

VOID FRACTION [01]
RT Liquids
RT Vapors

VOIDS [01]
RT Boiling Detection
RT Bubbles
RT Cavities
RT Defects

VOIGT EFFECT [01]
UF *Cotton-Mouton Effect*
BT1 Magneto-Optical Effects
RT Plasma
RT Polarization
RT Visible Radiation

VOLATILE MATTER
DA September 1976
RT Coal
RT Devolatilization
RT Organic Compounds
RT Pyrolysis Products
RT Pyrolytic Gases
DEF Products, exclusive of moisture, given off by a material as gas and vapor, determined by definite prescribed methods.

VOLATILITY [01]
RT Chloride Volatility Process
RT Devolatilization
RT Distillation
RT Fluoride Volatility Process

Volatilization
USE Evaporation

VOLCANIC GASES
DA August 1978
BT1 Gases
BT2 Fluids
RT Fumarolic Fluids
RT Volcanism
RT Volcanoes
DEF Volatile matter released during a volcanic eruption that was previously dissolved in the magma.

VOLCANIC REGIONS [01]
DA January 1975
RT Hachimantai
RT Volcanoes

VOLCANIC ROCKS
DA May 1975
BT1 Igneous Rocks
BT2 Rocks
NT1 Andesites
NT1 Lava
NT1 Rhyolites

VOLCANISM
DA November 1975
RT Eruption
RT Lava
RT Magma
RT Volcanic Gases
RT Volcanoes
DEF The processes by which magma and its associated gases rise into the crust and are extruded into the Earth'$\mu\ \mu\Sigma\omega_{8357\ 3}\Omega_6\ {}^{+}\Omega\pi\Lambda\ \pi={}_7\ {}_3\pi\Delta\Lambda\mu^{-}={}_7\omega_7\rightleftharpoons$

VOLCANOES [01]
NT1 Kilauea Volcano
RT Calderas
RT Earth Crust
RT Fumaroles
RT Geology
RT Geothermal Energy
RT Hot Spots
RT Lava
RT Volcanic Gases
RT Volcanic Regions
RT Volcanism

VOLES [01]
BT1 Rodents
BT2 Mammals
BT3 Vertebrates
BT4 Animals

VOLGA RIVER [01]
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT USSR

VOLOXIDATION PROCESS [01]
BT1 Head End Processes
DEF Separation process designed to remove volatile fission products from spent LMFBR fuels.

Volt-Ampere Characteristic
DA June 1975

USE Electric Conductivity

Voltage
USE Electric Potential

VOLTAGE DROP
DA January 1976
NT1 Electrical Transients
RT Electric Potential
RT Resistors

VOLTAGE REGULATORS [01]
UF *Regulators (Voltage)*
RT Electric Controllers
RT Surges

Voltaic Cells
USE Electric Batteries

VOLTAMETRY [01]
UF *Coulometry*
RT Currents
RT Electrolysis
RT Electrolytic Cells
RT Potentiostats
RT Quantitative Chemical Analysis

Volterra Equations
USE Volterra Integral Equations

VOLTERRA INTEGRAL EQUATIONS [01]
UF *Volterra Equations*
BT1 Integral Equations
BT2 Equations

VOLTMETERS [01]
BT1 Electric Measuring Instruments
BT2 Electrical Equipment
BT3 Equipment
BT2 Measuring Instruments

VOLUME [01]
RT Dimensions
RT Size

VOLUMETRIC ANALYSIS
DA April 1975
BT1 Quantitative Chemical Analysis
BT2 Chemical Analysis

VOMITING [01]
BT1 Symptoms
RT Digestive System Diseases
RT Stomach

VORTEX AUGMENTED TURBINES
DA June 1977
BT1 Wind Turbines
DEF Horizontal axis turbines located at trailing ends of aerodynamic wing to utilize vortex air flow from wing tips.

VORTEX FLOW [01]
BT1 Fluid Flow
RT Superfluidity

VORTICES [01]
RT Turbulence

Vortices (Magnetic)
USE Magnetic Flux

VOYAGER SPACE PROBES [01]
DA July 1978
BT1 Space Vehicles

VPI-UTR-10 REACTOR [01]
UF *Virginia Polytechnic Institute Training Reactor*
BT1 Argonaut Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

VRAIN REACTOR [01]
UF *Fort St. Vrain Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Helium Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 HTGR Type Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT2 Graphite Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

VUILLEUMIER CYCLE
DA January 1978
BT1 Thermodynamic Cycles
RT Solar Air Conditioners

Vulcain Experiment Nuclear Study
USE Venus Reactor

Vulcain/Belgian-3 Reactor
USE BR-3-VN Reactor

VULCANIZATION [01]
RT Rubbers
RT Vulcanized Elastomers

VULCANIZED ELASTOMERS [01]
NT1 Ebonite
RT Elastomers
RT Vulcanization

VULNERABILITY
DA July 1978
RT Adversaries
RT Sabotage
RT Safeguards
RT Theft

VYCOR [01]
RT Glass

W. B. Mc Guire-1 Reactor
USE Mc Guire-1 Reactor

W. B. Mc Guire-2 Reactor
USE Mc Guire-2 Reactor

W Boson
USE Intermediate Bosons

W CODES [01]
BT1 Computer Codes

W-L SULFUR DIOXIDE RECOVERY PROCESS
DA January 1975
UF *Wellman-Lord Process*
RT Desulfurization
RT Waste Processing
DEF Process for desulfurization of waste gas stream developed by Wellman-Power Gas, Inc..

W STELLARATORS
DA May 1975
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

WABASCA DEPOSIT
DA April 1975
BT1 Oil Sand Deposits
BT2 Geologic Deposits
RT Alberta
RT Canada
RT Oil Sands

Wageningen BARN Reactor
USE BARN Reactor

WAGON WHEEL EVENT [01]
BT1 Contained Explosions
BT2 Underground Explosions
BT3 Explosions
BT1 Nuclear Explosions
BT2 Explosions
BT1 Plowshare Project
RT Natural Gas

WAGR REACTOR [01]
UF *AGR Reactor (Windscale)*
UF *Windscale Advanced Gas-Cooled Reactor*
BT1 AGR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

WAIOTAPU GEOTHERMAL FIELD
DA February 1975
BT1 Geothermal Fields
RT New Zealand

WAIRAKEI GEOTHERMAL FIELD
DA January 1975
BT1 Geothermal Fields
RT Hot-Water Systems
RT New Zealand

WAIRAKITE
DA February 1975
BT1 Zeolites
BT2 Inorganic Ion Exchangers
BT3 Ion Exchange Materials
BT2 Minerals
DEF A zeolite, $CaO.Al_2O_3.4SiO_2.2H_2O$, the calcium analog of analcime.

WAK [01] (Wiederaufarbeitungsanlage Karlsruhe.)
DA May 1975
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities
BT1 German FR Organizations
BT2 National Organizations
RT Reprocessing
RT Spent Fuel Elements
RT Spent Fuels

Walker Carcinoma
USE Experimental Neoplasms

WALL EFFECTS
RT End Effects
RT Ionization
RT Ionization Chambers
RT Microdosimetry
RT Proportional Counters
RT Wall-Less Counters
DEF Contribution to ionization in an ionization chamber by electrons liberated from the chamber walls.

WALL-LESS COUNTERS [01]
BT1 Ionization Chambers
BT2 Radiation Detectors
BT3 Measuring Instruments
BT1 Proportional Counters
BT2 Radiation Detectors
BT3 Measuring Instruments
RT Wall Effects

WALL LOADING [01]
DA October 1975
BT1 Power Density
RT First Wall
DEF Surface power density at thermonuclear reactor walls.

WALLS
DA November 1975

NT1 Drum Walls
NT1 Trombe Walls
RT Bead Walls
RT Buildings

Walter Reed Research Reactor L-54
USE WRRR Reactor

WANKEL ENGINES
DA April 1975
BT1 Rotary Engines
BT2 Internal Combustion Engines
BT3 Engines
BT1 Spark Ignition Engines
BT2 Internal Combustion Engines
BT3 Engines

WARD IDENTITY [01]
RT Gauge Invariance
RT Quantum Electrodynamics

WARFARE
DA February 1975
RT National Defense

WARRANTIES
DA July 1979
RT Equipment

WASATCH FORMATION
DA April 1975
RT Oil Shales

WASHAKIE BASIN
DA January 1975
BT1 Wyoming
BT2 Rocky Mountain Region
BT3 USA
BT4 North America

Washers (Fuel)
USE Fuel Washers

Washers, Clothes
DA June 1977
USE Clothes Washers

WASHING
DA February 1975
BT1 Cleaning
RT Coal Preparation
RT Safety Showers
RT Scrubbing

WASHINGTON [01]
BT1 Pacific Northwest Region
BT1 USA
BT2 North America
NT1 Richland
RT Columbia River
RT Columbia River Basin
RT Mt Baker
RT Puget Sound
RT Puget Sound Naval Shipyard
RT Sequim Bay

WASHINGTON DC [01]
UF *District of Columbia*
BT1 USA
BT2 North America

Washington State University Reactor
USE WSUR Reactor

WASHOUT [01]
UF *Rainout*
UF *Scavenging (Atmospheric)*
BT1 Precipitation Scavenging
BT2 Separation Processes
RT Atmospheric Precipitations
RT Decontamination
RT Droplets
RT Radioactive Clouds
RT Rain
RT Sprays
RT Water

WASPALOY [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Chromium Alloys
BT2 Alloys
BT1 Cobalt Alloys
BT2 Alloys
BT1 Heat Resisting Alloys
BT2 Alloys
BT2 Heat Resistant Materials
BT3 Materials
BT1 Molybdenum Alloys
BT2 Alloys
BT1 Nickel Base Alloys
BT2 Nickel Alloys
BT3 Alloys
BT1 Titanium Alloys
BT2 Alloys

WASPS [01]
BT1 Insects
BT2 Arthropods
BT3 Invertebrates
BT4 Animals
NT1 Habrobracon

Waste Burial
USE Underground Disposal

WASTE DISPOSAL [01]
UF *Discharges (Wastes)*
UF *Disposal (Wastes)*
UF *Nonradioactive Waste Disposal*
BT1 Waste Management
BT2 Management
NT1 Ground Disposal
NT1 Ground Release
NT1 Marine Disposal
NT1 Radioactive Waste Disposal
NT1 Sanitary Landfills
NT1 Stack Disposal
NT1 Underground Disposal
RT Aerosol Wastes
RT Gaseous Wastes
RT Global Aspects
RT Liquid Wastes
RT Radioactive Wastes
RT Reinjection
RT Salt Vault Project
RT Soil Conservation
RT Solid Wastes
RT Spent Liquors
RT Waste Disposal Acts
RT Waste Processing
RT Waste Storage
RT Wastes

WASTE DISPOSAL ACTS
DA April 1978
BT1 Laws
RT Resource Recovery Acts
RT Solid Wastes
RT Waste Disposal

Waste-Fueled Boilers
DA May 1979
USE Refuse-Fueled Boilers

Waste-Fueled Power Plants
DA March 1979
USE Refuse-Fueled Power Plants

WASTE HEAT [01]
BT1 Energy Sources
BT1 Heat
BT2 Energy
BT1 Wastes
RT Aquaculture
RT Heat Sinks
RT Plumes
RT Thermal Effluents
RT Thermal Pollution
RT Waste Heat Utilization

WASTE HEAT BOILERS
DA December 1978
BT1 Boilers
RT Co-Generation
RT Heat Recovery Equipment
RT Waste Heat Utilization

WASTE HEAT UTILIZATION
DA June 1977
BT1 Waste Product Utilization
NT1 Energy Cascade
RT DEUS
RT Heat Recovery
RT Waste Heat
RT Waste Heat Boilers

WASTE MANAGEMENT [01]
UF *Handling (Wastes)*
BT1 Management
NT1 Radioactive Waste Management
NT1 Waste Disposal
NT2 Ground Disposal
NT2 Ground Release
NT2 Marine Disposal
NT2 Radioactive Waste Disposal
NT2 Sanitary Landfills
NT2 Stack Disposal
NT2 Underground Disposal
NT1 Waste Processing
NT2 Activated Sludge Process
NT2 Aerobic Digestion
NT2 Anaerobic Digestion
NT3 BIOGAS Process
NT2 Bailie Process
NT2 Black Clawson System
NT2 Composting
NT2 Destrugas Process
NT2 Flame Chamber Process
NT2 Fluidized Bed Refuse Gasification
NT2 Landgard Pyrolysis System
NT2 Materials Recovery
NT2 Occidental Flash Pyrolysis Process
NT2 Purox Pyrolysis Process
NT2 Radioactive Waste Processing
NT3 Harvest Process
NT3 Iodox Process
NT2 Slagging Pyrolysis Process
NT1 Waste Storage
NT2 Radioactive Waste Storage
NT1 Waste Transportation
RT Hazardous Materials
RT Radioactive Wastes
RT Waste Oils
RT Waste Product Utilization

WASTE OILS
DA October 1976
BT1 Oils
BT2 Other Organic Compounds
BT3 Organic Compounds
RT Lubricating Oils
RT Recycling
RT Waste Management

WASTE PROCESSING [01]
UF *Processing (Wastes)*
UF *Waste Treatment*
BT1 Processing
BT1 Waste Management
BT2 Management
NT1 Activated Sludge Process
NT1 Aerobic Digestion
NT1 Anaerobic Digestion
NT2 BIOGAS Process
NT1 Bailie Process
NT1 Black Clawson System
NT1 Composting
NT1 Destrugas Process
NT1 Flame Chamber Process
NT1 Fluidized Bed Refuse Gasification
NT1 Landgard Pyrolysis System
NT1 Materials Recovery
NT1 Occidental Flash Pyrolysis Process
NT1 Purox Pyrolysis Process
NT1 Radioactive Waste Processing
NT2 Harvest Process
NT2 Iodox Process
NT1 Slagging Pyrolysis Process
RT AI Aqueous Carbonate Process
RT Alkalized Alumina Process
RT Ammonia-Ammonium Bisulfate Process
RT Aquaclaus Process
RT AS Recycling Process
RT BAMAG Process
RT Bergbauforschung-Foster Wheeler Process
RT Bergbauforschung Process
RT Bischoff Process

Bitumens
Calcination
Carl Still Process
RT Cat-Ox Process
RT CEA-ADL Dual Alkali Process
RT Chemico Process
RT Chiyoda Thoroughbred Process
RT CPU-400 Combustion Plant
RT Diamox Process
RT Evaporation
RT Flotation
RT FMC Double Alkali Process
RT Freezing Out
RT Fulham-Simon-Carves Process
RT Fumaks Process
RT Grillo Process
RT Hirohax Process
RT Hoelter Process
RT ICI Process
RT IFP Process
RT Ionics Electrolytic Regeneration Process
RT Jecco Process
RT Koppers Vacuum Carbonate Process
RT Lime-Limestone Wet Scrubbing Processes
RT Liquid Wastes
RT LUCAS Process
RT Magnesium Slurry Scrubbing Process
RT Perox Process
RT Phosphate Process
RT Precipitation
RT Process Control
RT Purasiv S Process
RT Pyrotek Process
RT Radioactive Wastes
RT Reinluft Process
RT RESOX Process
RT Saarberg-Holter Process
RT Scrubbers
RT Shell-UOP Copper Oxide Process
RT Solidification
RT Stauffer AQUACLAUS Process
RT Thiosorbic Process
RT Topsoe-SNPA Process
RT Tyco Process
RT Vacuum Carbonate Process
RT Vitrification
RT W-L Sulfur Dioxide Recovery Process
RT Waste Disposal
RT Waste Processing Plants
RT Westvaco Process
RT Wet Ashing

WASTE PROCESSING PLANTS
DA October 1975
BT1 Industrial Plants
NT1 CPU-400 Combustion Plant
RT Bailie Process
RT BIOGAS Process
RT Black Clawson System
RT Landgard Pyrolysis System
RT Occidental Flash Pyrolysis Process
RT Purox Pyrolysis Process
RT Resource Recovery Facilities
RT Waste Processing

WASTE PRODUCT UTILIZATION
DA August 1977
NT1 Waste Heat Utilization
NT2 Energy Cascade
RT Soil Conservation
RT Spent Liquors
RT Waste Management
DEF Use of waste products as raw material either directly or after processing. Examples: use of fly ash in road building material; use of sewage sludge for fertilizers.

Waste Solutions
USE Liquid Wastes

WASTE STORAGE [01]
UF *Storage (Wastes)*
BT1 Storage
BT1 Waste Management
BT2 Management
NT1 Radioactive Waste Storage
RT Waste Disposal

WASTE TRANSPORTATION [01]
BT1 Transport
BT1 Waste Management
BT2 Management

Waste Treatment
USE Waste Processing

WASTE WATER
DA January 1975
UF+ *Oil Shale Waste Water*
BT1 Liquid Wastes
BT2 Wastes
BT1 Water
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
RT Acid Mine Drainage
RT Reinjection
RT Shale Tar Water
RT Water Pollution
RT Water Removal

WASTES [01]
SF *Nonradioactive Wastes*
NT1 Aerosol Wastes
NT2 Fly Ash
NT1 Biological Wastes
NT2 Feces
NT2 Sweat
NT2 Urine
NT1 Gaseous Wastes
NT2 Exhaust Gases
NT2 Flue Gas
NT1 Industrial Wastes
NT2 Spent Liquors
NT2 Whey
NT1 Liquid Wastes
NT2 Spent Liquors
NT2 Waste Water
NT1 Municipal Wastes
NT1 Organic Wastes
NT1 Radioactive Wastes
NT2 Alpha-Bearing Wastes
NT2 High-Level Radioactive Wastes
NT2 Intermediate-Level Radioactive Wastes
NT2 Low-Level Radioactive Wastes
NT2 Radioactive Effluents
NT1 Sewage
NT2 Sewage Sludge
NT1 Solid Wastes
NT2 Agricultural Wastes
NT3 Bagasse
NT3 Manures
NT2 Mineral Wastes
NT2 Oil Sand Tailings
NT2 Scrap
NT2 Scrap Metals
NT2 Tailings
NT3 Mill Tailings
NT2 Wood Wastes
NT1 Waste Heat
RT Combustion Products
RT Pyrolysis Products
RT Residues
RT Sludges
RT Waste Disposal

WATER [01]
UF *Hydrogen Hydroxides*
UF *Oxygen Hydrides*
UF *Water Coolant*
UF *Water Moderator*
BT1 Hydrogen Compounds
BT1 Oxygen Compounds
NT1 Drinking Water
NT1 Feedwater
NT1 Fresh Water
NT1 Ground Water
NT2 Interstitial Water
NT3 Connate Water
NT2 Magmatic Water
NT2 Meteoric Water
NT1 Heavy Water
NT1 Hot Water
NT1 Rain Water
NT1 Seawater
NT1 Waste Water
RT Anhydrides
RT Aqueous Solutions
RT Atmospheric Precipitations
RT Balneology
RT Clouds
RT Coolants
RT Cooling
RT Demineralizers
RT Environmental Materials
RT Glaciers
RT Hydrates
RT Hydronium Radicals
RT Hydrophylic Polymers
RT Hydrosphere
RT Ice
RT Liquid Wastes
RT Moderators
RT Moisture
RT Recombiners
RT Slush
RT Solvents
RT Steam
RT Surface Waters
RT Thermochemical Processes
RT Total Flow Systems
RT Washout
RT Water Chemistry
RT Water Demand
RT Water Requirements
RT Water Resources
RT Water Rights

WATER BRAKES
DA April 1979
BT1 Brakes
BT2 Machine Parts
RT Energy Conversion
RT Wind Turbines
DEF Conversion of mechanical energy into heat energy by use of rotating or reciprocating blades in contained water system and prevention of gust overspeed in fixed-pitch wind turbines.

WATER CHEMISTRY [01]
DA February 1975
UF *Chemistry (Water)*
UF *Cooling Water Chemical Treatment*
RT Chemical Composition
RT Water

Water Content
SEE Humidity
OR Moisture

Water Coolant
USE Water

Water Cooled Graphite Moderated Reactors
USE LWGR Type Reactors

WATER COOLED REACTORS [01]
BT1 Reactors
NT1 AARR Reactor
NT1 ACPR Reactor
NT1 AEG Nullenergie Reactor
NT1 AGN-211 Reactor Series
NT2 AGN-211P-100 Reactor
NT2 AGN-211-101 Reactor
NT2 AGN-211-102 Reactor
NT2 AGN-211-103 Reactor
NT1 ALIZE Reactor
***NT1** Aqueous Homogeneous Reactors
***NT1** Argonaut Type Reactors
NT1 ASTR Reactor
NT1 ATR Reactor
NT1 ATSR Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 BR-02 Reactor

NT1 BR-2 Reactor
NT1 BR-3-VN Reactor
*NT1 BWR Type Reactors
NT1 Cirus Reactor
NT1 ESADA-VESR Reactor
NT1 ETR Reactor
NT1 EVSR Reactor
NT1 EWA Reactor
NT1 GETR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 HWLWR Type Reactors
NT2 Cirene Reactor
NT2 Gentilly Reactor
NT2 JATR Reactor
NT1 Iowa UTR-10 Reactor
NT1 JANUS Reactor
NT1 JMTR Reactor
NT1 Koeberg-1 Reactor
NT1 LITR Reactor
NT1 LWBR Type Reactors
*NT1 LWGR Type Reactors
NT1 Manhattan College Reactor
NT1 MIR Reactor
NT1 MRR Reactor
NT1 MTR Reactor
NT1 MUR Reactor
NT1 MURR Reactor
NT1 NETR Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NSRR Reactor
NT1 NTR Reactor
NT1 OCF Reactor
NT1 ORR Reactor
NT1 Osiris Reactor
NT1 OWR Reactor
NT1 PBR Reactor
NT1 Pegase Reactor
NT1 Peggy Reactor
NT1 Perryman-1 Reactor
NT1 Perryman-2 Reactor
*NT1 Pool Type Reactors
*NT1 PWR Type Reactors
NT1 R-2 Reactor
NT1 RA-5 Reactor
NT1 RG-1M Reactor
NT1 Safari-1 Reactor
NT1 SCA Reactor
NT1 SGHWR Reactor
NT1 SM-2 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SR-OA Reactor
NT1 SR-3P Reactor
NT1 SR-1 Reactor
NT1 TCA Reactor
*NT1 TRIGA Type Reactors
NT1 TSR-2 Reactor
NT1 TTR-1 Reactor
NT1 Venus Reactor
NT1 WTR Reactor
*NT1 WWR Type Reactors

WATER CURRENT POWER GENERATORS
DA June 1976
BT1 Electric Generators
RT Tidal Power

WATER CURRENTS
DA April 1977
UF *Currents (Water)*
UF *Ocean Currents*
BT1 Currents
NT1 Gulf Stream
RT Lakes
RT Rivers
RT Seas
RT Tide
RT Upwelling
RT Water Waves
DEF Net transport of water along a definable path.

WATER DEMAND
DA May 1979
RT Water

WATER FAUCETS
DA June 1977
UF *Faucets (Water)*
BT1 Valves
BT2 Flow Regulators
BT3 Control Equipment
BT4 Equipment
RT Pipe Fittings

WATER GAS
(Approximately 300 Btu/ft^3)
DA January 1975
BT1 Intermediate BTU Gas
BT2 Fuel Gas
BT3 Energy Sources
BT3 Gas Fuels
BT4 Fuels
BT3 Gases
BT4 Fluids
RT Carburetted Water Gas

WATER GAS PROCESSES
DA January 1975
BT1 Chemical Reactions
RT Hydrogen Production
DEF Water gas with steam in excess is passed over iron oxide catalyst.

WATER HAMMER [01]
RT Hydraulics
RT Impact Shock
RT Shock Waves

WATER HEATERS
DA February 1975
BT1 Appliances
BT1 Heaters
NT1 Solar Water Heaters
RT Annual Cycle Energy System

WATER HYACINTHS
DA November 1977
BT1 Aquatic Organisms
BT1 Plants

WATER INFLUX
DA October 1978
RT Aquifers
RT Coal Seams
RT Mines
RT Natural Gas Wells
RT Oil Wells
RT Reservoir Rock
DEF Influx of water into a reservoir, stratum, or mine.

Water Moderated Organic Cooled Reactors
USE LWOR Type Reactors

WATER MODERATED REACTORS [01]
BT1 Reactors
NT1 AARR Reactor
NT1 ACPR Reactor
NT1 AEG Nullenergie Reactor
NT1 ALIZE Reactor
NT1 ANNA Reactor
*NT1 Aqueous Homogeneous Reactors
*NT1 Argonaut Type Reactors
NT1 ASTR Reactor
NT1 ATR Reactor
NT1 ATSR Reactor
NT1 BORAX-1 Reactor
NT1 BORAX-2 Reactor
NT1 BORAX-3 Reactor
NT1 BORAX-4 Reactor
NT1 BORAX-5 Reactor
NT1 BR-02 Reactor
NT1 BR-2 Reactor
NT1 BR-3-VN Reactor
*NT1 BWR Type Reactors
NT1 ESADA-VESR Reactor
NT1 ETR Reactor
NT1 EVSR Reactor
NT1 EWA Reactor
NT1 GCRE Reactor
NT1 GETR Reactor
NT1 HFIR Reactor
NT1 HFR Reactor
NT1 JANUS Reactor
NT1 JMTR Reactor
NT1 Juno Reactor
NT1 Koeberg-1 Reactor
NT1 LITR Reactor
NT1 LWBR Type Reactors
NT1 LWOR Type Reactors
NT1 Manhattan College Reactor
NT1 MIR Reactor
NT1 ML-1 Reactor
NT1 MRR Reactor
NT1 MTR Reactor
NT1 MUR Reactor
NT1 MURR Reactor
NT1 NETR Reactor
NT1 NSR-1 Reactor
NT1 NSR-2 Reactor
NT1 NSRR Reactor
NT1 NTR Reactor
NT1 Nuclear Furnace Reactor
NT1 OCF Reactor
NT1 ORR Reactor
NT1 Osiris Reactor
NT1 OWR Reactor
NT1 PBR Reactor
NT1 Pegase Reactor
NT1 Peggy Reactor
NT1 Perryman-1 Reactor
NT1 Perryman-2 Reactor
*NT1 Pool Type Reactors
*NT1 PWR Type Reactors
NT1 R-2 Reactor
NT1 RA-5 Reactor
NT1 RAKE-2 Reactor
NT1 RG-1M Reactor
NT1 Safari-1 Reactor
NT1 SCA Reactor
NT1 SM-2 Reactor
NT1 SPERT-1 Reactor
NT1 SPERT-2 Reactor
NT1 SPERT-3 Reactor
NT1 SR-OA Reactor
NT1 SR-1 Reactor
NT1 TCA Reactor
*NT1 TRIGA Type Reactors
NT1 TSR-2 Reactor
NT1 TTR-2 Reactor
NT1 TWMR Reactor
NT1 Venus Reactor
NT1 WTR Reactor
*NT1 WWR Type Reactors

Water Moderator
USE Water

WATER POLLUTION [01]
UF+ *Thermal Pollution (Water)*
BT1 Pollution
RT Acid Mine Drainage
RT Buoys
RT Environmental Effects
RT Eutrophication
RT Federal Water Pollution Control Act
RT Fouling
RT Plumes
RT Point Pollutant Sources
RT Waste Water
RT Water Pollution Abatement
RT Water Pollution Control
RT Water Pollution Monitors
RT Water Quality

WATER POLLUTION ABATEMENT
DA July 1976
BT1 Pollution Abatement
RT Ground Cover
RT Pollution Control Equipment
RT Prevention of Significant Deterioration
RT Water Pollution

WATER POLLUTION CONTROL
DA March 1977
BT1 Pollution Control
RT Oil Pollution Containment
RT Rotating Disk Removal Systems
RT Sorbent Recovery Systems
RT Water Pollution
RT Weir Oil Recovery Systems

WATER POLLUTION MONITORS
DA January 1978

RT Chemical Effluents
RT Liquid Wastes
RT Monitoring
RT Water Pollution

WATER PUMPS
DA March 1979
BT1 Pumps
NT1 Solar Water Pumps

WATER QUALITY
DA October 1975
RT Gas Bubble Disease
RT Prevention of Significant Deterioration
RT Water Pollution
RT Water Treatment

WATER REMOVAL (d)
DA November 1975
UF *Dewatering*
BT1 Removal
RT Coal Preparation
RT Fuel Cells
RT Waste Water

WATER REQUIREMENTS
DA July 1976
RT Water
RT Water Resources

WATER RESERVOIRS [01]
UF *Reservoirs (Water)*
BT1 Surface Waters
NT1 Cooling Ponds
RT Aquicludes
RT Dams
RT Energy Storage
RT Fresh Water
RT Lakes
RT Pumped Storage Power Plants
RT Reservoir Engineering
RT Storage
RT Water Resources

WATER RESOURCES
DA February 1975
RT Ground Water
RT Surface Waters
RT Water
RT Water Requirements
RT Water Reservoirs
RT Water Rights

WATER RIGHTS
DA March 1976
RT Legal Aspects
RT Water
RT Water Resources

WATER SATURATION
DA January 1977
RT Gas Saturation
RT Oil Saturation
RT Reservoir Rock
DEF Fraction of the reservoir pore structure filled with water.

Water Solutions
USE Aqueous Solutions

WATER SOURCE HEAT PUMPS
DA July 1979
BT1 Heat Pumps
BT2 Heat Exchangers
RT Air Conditioning
RT Pumps
RT Space Heating

WATER TREATMENT
DA July 1976
RT Water Quality
RT Water Treatment Plants

WATER TREATMENT PLANTS
DA August 1977
RT Water Treatment

WATER VAPOR [01]
BT1 Vapors
BT2 Gases
BT3 Fluids
RT Fog
RT Steam
RT Transpiration

WATER WAVES
DA August 1976
NT1 Tsunamis
RT Hurricanes
RT Seas
RT Storms
RT Tide
RT Water Currents
RT Wave Forces

WATERFLOODING
DA March 1976
SF *Polymer Flooding*
BT1 Fluid Injection
NT1 Caustic Flooding
RT Enhanced Recovery
RT Petroleum
RT Well Stimulation
DEF Method of pressure maintenance and secondary recovery in which water is injected through input (injection) wells to drive oil to the production wells.

WATERFORD-3 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WATERFORD-4 REACTOR [01]
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WATERPROOFING
DA January 1977
RT Coatings
RT Films
RT Protective Coatings
RT Sealing Materials
RT Seals
RT Surface Coating
RT Surface Properties
RT Surface Treatments
RT Wettability

WATERSHEDS
DA April 1976
NT1 Great Lakes Basin
NT1 Mississippi River Basin
NT1 Missouri River Basin
RT Land Use
RT Runoff
RT Streams
RT Surface Waters
RT Valleys
DEF The drainage areas or catching basins of streams.

Watson Method
USE Sommerfeld-Watson Theory

Watt Distribution
USE Watt Fission Spectrum

Watt Fission Source
USE Watt Fission Spectrum

WATT FISSION SPECTRUM [01]
UF *Watt Distribution*
UF *Watt Fission Source*
BT1 Neutron Spectra
BT2 Spectra
RT Fission
RT Prompt Neutrons
RT Thermal Fission
RT Thermal Neutrons

Watt-Hour Meters
DA January 1978
USE Power Meters

Wattage
DA September 1977
USE Power Input

WATTS BAR-1 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WATTS BAR-2 REACTOR [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WAVE ENERGY CONVERTERS
DA June 1975
RT Energy Conversion
RT Seas
DEF Devices for converting energy of water waves into electrical energy.

WAVE EQUATIONS
DA September 1976
BT1 Differential Equations
BT2 Equations
NT1 Dirac Equation
NT1 Klein-Gordon Equation
NT1 Schroedinger Equation
RT Rarita-Schwinger Theory

WAVE FORCES
DA March 1977
RT Storms
RT Water Waves
RT Wave Power
DEF Forces exerted on mechanical structures by waves.

WAVE FORMS [01]
RT Electromagnetic Radiation
RT Polarization
RT Wave Propagation

WAVE FUNCTIONS [01]
BT1 Functions
RT Brillouin Theorem
RT Eigenfunctions
RT Fractional-Parentage Coefficients
RT Hybridization
RT Muffin-Tin Potential
RT Projection Operators
RT Schroedinger Equation
RT Slater Method

WAVE PACKETS [01]
RT Wave Propagation

WAVE POWER
DA June 1975
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Power Generation
RT Wave Forces

WAVE PROPAGATION [01]
UF *Propagation (Wave)*
RT Amplitudes
RT Fermat Principle

RT Huygens Principle
RT Interference
RT Phase Velocity
RT Polarization
RT Refraction
RT Standing Waves
RT Stapp Theory
RT Travelling Waves
RT Wave Forms
RT Wave Packets
RT Zero Sound

WAVEGUIDES [01]
NT1 Helical Waveguides
RT Cyclic Accelerators
RT Electrical Equipment
RT Microwave Equipment
RT Standing Waves
RT Travelling Waves

WAVELENGTHS
DA September 1975
RT Infrared Radiation
RT Microwave Radiation
RT Radiowave Radiation

Waves (Shock)
USE Shock Waves

Waves (Standing)
USE Standing Waves

Waves (Travelling)
USE Travelling Waves

WAXES [01]
UF *Montan Waxes*
BT1 Other Organic Compounds
BT2 Organic Compounds
NT1 Carbowax
NT1 Paraffin
NT1 Santowax
RT Dewaxing

Way of Life
DA November 1978
SEE Life Styles
OR Quality of Life

WAY-WIGNER FORMULA [01]
RT Beta Decay

WAZ 16
DA August 1979
USE Nickel Base Alloys

WBNS Reactor
USE AE-6 Reactor

Weak Boson
USE Intermediate Bosons

WEAK CHARGED CURRENTS [01]
DA November 1976
BT1 Charged Currents
BT2 Algebraic Currents
BT3 Currents

WEAK-COUPLING MODEL [01]
BT1 Nuclear Models
BT2 Mathematical Models
RT Coupling
RT Particle-Hole Model
RT Shell Models
RT Strong-Coupling Model

WEAK HADRONIC DECAY [01]
DA May 1978
UF *Nonleptonic Decay*
BT1 Weak Particle Decay
BT2 Particle Decay
BT3 Decay
RT Semileptonic Decay
RT Weak Interactions
DEF Decay of hadrons due to weak interactions involving no neutrinos among decay products.

WEAK INTERACTIONS [01]
BT1 Basic Interactions
BT2 Interactions
NT1 Fermi Interactions
NT1 Leptonic Decay
RT Cabibbo Angle
RT Feinberg-Pais Theory
RT Goldberger-Treiman Relation
RT Lepton-Hadron Interactions
RT Lepton-Lepton Interactions
RT Neutral Currents
RT Photon-Lepton Interactions
RT Second-Class Currents
RT Weak Hadronic Decay
RT Weak Neutral Currents
RT Weak Particle Decay
RT Weinberg Lepton Model

WEAK NEUTRAL CURRENTS [01]
DA May 1975
BT1 Neutral Currents
BT2 Algebraic Currents
BT3 Currents
RT Weak Interactions
RT Weinberg Lepton Model
RT Weyl Unified Theory

WEAK PARTICLE DECAY [01]
DA May 1978
BT1 Particle Decay
BT2 Decay
NT1 Leptonic Decay
NT1 Radiative Decay
NT1 Semileptonic Decay
NT1 Weak Hadronic Decay
RT Weak Interactions

WEAKLY IONIZED GASES [01]
(Ionization factor under 10(-4).)
BT1 Ionized Gases
BT2 Gases
BT3 Fluids

WEAPONS
DA December 1975
NT1 Laser Weapons
NT1 Nuclear Weapons
RT Ammunition
RT Penetrators

WEAR [01]
RT Abrasion
RT Erosion
RT Friction
RT Grinding
RT Mechanical Tests
RT Rolling Friction
RT Tribology
RT Wear Resistance

WEAR RESISTANCE [01]
BT1 Mechanical Properties
RT Wear

WEATHER [01]
RT Atmospheric Precipitations
RT Climates
RT Clouds
RT Disasters
RT Forecasting
RT Frost
RT Hail
RT Hurricanes
RT Meteorology
RT Seasons
RT Storms
RT Tornadoes
RT Wind

WEATHERING
(Tendency to disintegrate or slack on exposure to weather.)
DA February 1976
RT Aging
RT Corrosion
RT Decomposition

WEATHERIZATION
DA July 1979
RT Caulking
RT Storm Doors
RT Storm Windows
RT Thermal Insulation
RT Weatherstripping
DEF Use of two or more of the a[illegible] to enhance energy conservation of a building.

WEATHERSTRIPPING
DA June 1977
RT Air Infiltration
RT Thermal Insulation
RT Weatherization

WEEDS [01]
BT1 Plants
RT Grass

Weevils
USE Beetles

WEGA STELLARATOR [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

WEIERSTRASS FUNCTIONS
DA January 1976
BT1 Functions
RT Mathematics

Weighing
USE Weight Measurement

WEIGHT [01]
RT Density
RT Mass
RT Molecular Weight

WEIGHT INDICATORS [01]
DA January 1975
BT1 Measuring Instruments
NT1 Balances
NT2 Microbalances
RT Densimeters

WEIGHT MEASUREMENT
DA February 1978
UF *Weighing*
RT Balances

WEIGHTING FUNCTIONS [01]
BT1 Functions
RT Statistics

WEIL EQUATION [01]
BT1 Equations
RT Spin

WEINBERG LEPTON MODEL [01]
UF *Weinberg Model*
BT1 Unified Gauge Models
BT2 Particle Models
BT3 Mathematical Models
RT Electromagnetic Interactions
RT Neutral Currents
RT Weak Interactions
RT Weak Neutral Currents

Weinberg Model
USE Weinberg Lepton Model

WEINBERG-SALAM GAUGE MODEL
DA October 1976
BT1 Unified Gauge Models
BT2 Particle Models
BT3 Mathematical Models

WEIR OIL RECOVERY SYSTEMS
DA January 1978
BT1 Pollution Control Equipment
BT2 Equipment
RT Oil Spills
RT Water Pollution Control

WEISSENBERG METHOD [01]
RT Rotating Crystal Method

WEISSKOPF MODEL [01]
BT1 Evaporation Model
BT2 Nuclear Models
BT3 Mathematical Models

Weizsaecker-Fermi Formula
USE Weizsaecker Formula

WEIZSAECKER FORMULA [01]
UF *Bethe-Weizsaecker Relation*
UF *Weizsaecker-Fermi Formula*
RT Liquid Drop Model
RT Mass Number

WELDABILITY [01]
RT Welding
RT Welding Fluxes

WELDED JOINTS [01]
UF *Welds*
BT1 Joints
NT1 Brazed Joints
NT1 Lap Welds
RT Welding

WELDING [01]
UF *Fusion (Welding)*
BT1 Joining
BT2 Fabrication
NT1 Arc Welding
NT2 Gas Metal-Arc Welding
NT2 Gas Tungsten-Arc Welding
NT2 Plasma Arc Welding
NT2 Shielded Metal-Arc Welding
NT2 Submerged Arc Welding
NT1 Brazing
NT1 Diffusion Welding
NT1 Electron Beam Welding
NT1 Electroslag Welding
NT1 Explosion Welding
NT1 Forge Welding
NT1 Friction Welding
NT1 Gas Welding
NT1 Induction Welding
NT1 Laser Welding
NT1 Magnetic Force Welding
NT1 Resistance Welding
NT2 Flash Welding
NT2 Projection Welding
NT1 Soldering
NT1 Ultrasonic Welding
NT1 Vacuum Welding
RT Filler Metals
RT Heat Affected Zone
RT Lap Welds
RT Melting
RT Metallurgical Flux
RT Self-Welding
RT Thermite Process
RT Weldability
RT Welded Joints
RT Welding Machines
RT Welding Rods
DEF All endothermic processes for material joining.

WELDING FLUXES
DA January 1975
RT Weldability
RT Welding Rods

WELDING MACHINES [01]
RT Welding
RT Welding Rods

WELDING RODS [01]
DA January 1975
RT Welding
RT Welding Fluxes
RT Welding Machines

Welds
USE Welded Joints

WELL CASINGS
DA January 1975
RT Pipes
RT Wells

WELL COMPLETION
DA March 1976
RT Hydraulic Equipment
RT Natural Gas Wells
RT Oil Wells
RT Propping Agents
RT Well Drilling
RT Wellheads
DEF Final sealing off of a drilled well (after drilling apparatus is removed from borehole) with valving, safety, and flow-control devices.

WELL DRILLING
DA January 1975
BT1 Drilling
RT Directional Drilling
RT Drilling Equipment
RT Drilling Rigs
RT Drills
RT Exploratory Wells
RT Geothermal Wells
RT Hydraulic Equipment
RT MWD Systems
RT Rock Drilling
RT Rotary Drilling
RT Rotary Drills
RT Spark Drills
RT Well Completion
RT Wells

WELL LOGGING [01]
UF+ *Hydrocarbon Logging*
NT1 Caliper Logging
NT1 Dipmeter Logging
NT1 Electric Logging
NT2 Induced polarization logging
NT2 Induction Logging
NT2 Resistivity Logging
NT2 SP Logging
NT1 Gravity Logging
NT1 Nuclear Magnetic Logging
NT1 Production Logging
NT1 Radioactivity Logging
NT2 Gamma-Gamma Logging
NT2 Gamma Logging
NT2 Neutron Logging
NT3 Neutron-Gamma Logging
NT3 Neutron-Neutron Logging
NT2 Radioactive Tracer Logging
NT2 Radiometric Surveys
NT2 X-Ray Fluorescence Logging
NT1 Sonic Logging
NT1 Temperature Logging
RT Boreholes
RT Borescopes
RT Drill Cores
RT Geophysical Surveys
RT MWD Systems
RT Well Logging Equipment
DEF Detailed recordings of a physical property of a well or borehole as a function of depth.

WELL LOGGING EQUIPMENT
(To be used only when the equipment itself is the topic of the paper; includes source, detector, and associated equipment.)
DA March 1979
BT1 Equipment
RT Coal Deposits
RT Geothermal Exploration
RT Natural Gas Deposits
RT Petroleum Deposits
RT Probes
RT Uranium Deposits
RT Well Logging

WELL PRESSURE
DA August 1978
UF *Bottom-Hole Pressure*
BT1 Reservoir Pressure
RT Geothermal Wells
RT Natural Gas Wells
RT Oil Wells

Well Shooting
DA January 1977
USE Explosive Stimulation

WELL SPACING
DA July 1976
RT Geothermal Fields
RT Natural Gas Fields
RT Oil Fields
DEF Area location and interrelationship between producing oil, natural gas, or geothermal wells in a field; calculated for the maximum ultimate production from a given reservoir.

WELL STIMULATION
DA June 1975
NT1 Explosive Stimulation
RT Acidization
RT Carbon Dioxide Injection
RT Gas Injection
RT Hydraulic Fracturing
RT Microemulsion Flooding
RT Microemulsions
RT Steam Injection
RT Waterflooding
DEF One of the techniques to increase oil or gas reservoir production such as acidizing, fracturing, controlled underground explosions, or various cleaning techniques.

WELL TEMPERATURE
DA December 1978
BT1 Reservoir Temperature
RT Temperature Measurement

WELLHEAD PRICES
DA June 1979
BT1 Prices
RT Natural Gas Wells
RT Oil Wells
DEF Price paid at the wellhead for gas or oil produced.

WELLHEADS
DA January 1977
RT Geothermal Wells
RT Natural Gas Wells
RT Oil Wells
RT Well Completion

WELLMAN-GALUSHA PROCESS
DA May 1975
RT Coal Gasification
DEF Crushed coal and oxygen-steam mixture are introduced through revolving grate at bottom of gasifier available with or without agitator. Raw gas of 270 BTU/SCF is produced.

WELLMAN-INCANDESCENT PROCESS
DA April 1978
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Gas Generators
DEF This two-stage gasifier is nearly identical to the IFE two-stage gasifier that was commercially available until the late 1950's $\mu_{8}\omega\Lambda\Delta\ \pi=_{7}\ \kappa\Omega\pi_{7}\omega\Omega_{3}\pi^{+}\Lambda\Omega_{3}\gamma\ \delta\Sigma\omega\Omega_{357}\ \sim\nu\Sigma^{+-}\Delta_{7}\Omega\pi\ \epsilon\Lambda\rightleftharpoons\ \theta\pi_{6}\rightleftharpoons$

Wellman-Lord Process
DA January 1975
USE W-L Sulfur Dioxide Recovery Process

WELLS [01]
DA February 1975
NT1 Abandoned Wells
NT1 Dry Holes
NT1 Exploratory Wells
NT1 Geothermal Wells
NT1 Injection Wells
NT1 Natural Gas Wells
NT1 Oil Wells
RT Blowouts
RT Drilling
RT Well Casings
RT Well Drilling

Welton Method
USE Feynman Method

WENDELSTEIN-2B STELLARATOR [01]
DA August 1976
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

WENDELSTEIN-7 STELLARATOR [01]
BT1 Stellarators
BT2 Closed Plasma Devices
BT3 Thermonuclear Devices

Wentzel-Kramers-Brillouin Approximation
USE WKB Approximation

West Germany
DA May 1979
USE German Federal Republic

WEST INDIES [01]
BT1 Dominican Republic
BT2 Central America
BT3 Latin America
NT1 Bahama Islands
NT1 Cuba
NT1 Jamaica
NT1 Puerto Rico
NT1 Trinidad and Tobago

West Lafayette Purdue Reactor
USE PUR-1 Reactor

WEST VALLEY PROCESSING PLANT [01]
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities

WEST VALLEY UF6 FACILITY
DA August 1976
BT1 Feed Materials Plants
BT2 Industrial Plants
BT2 Nuclear Facilities

WEST VIRGINIA [01]
BT1 Central Region
BT1 USA
BT2 North America
RT Monongahela River Basin
RT Ohio River
RT Potomac River

WESTERN AUSTRALIA [01]
BT1 Australia
BT2 Australasia

Western New York Nuclear Research Reactor
USE Pulstar-Buffalo Reactor

WESTERN REGION
DA July 1978
UF *Region IX*
NT1 Arizona
NT1 California
NT2 Coso Hot Springs
NT2 Imperial Valley
NT3 Salton Sea
NT2 Long Valley
NT2 Los Angeles
NT1 Hawaii
NT1 Nevada
NT2 Steamboat Springs
RT Great Basin

WESTINGHOUSE GASIFICATION PROCESS
DA February 1979
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
DEF Two stages;fluidized-bed gasifier, recirculating bed devolatilizer.

WESTINGHOUSE RECYCLE FUELS PLANT [01]
BT1 Fuel Fabrication Plants
BT2 Nuclear Facilities
BT1 Fuel Reprocessing Plants
BT2 Nuclear Facilities
RT Fuel Cycle

WESTINGHOUSE STANDARD REACTOR [01]
(Prior to 1975, PWR/41 Type Reactors was used.)
DA January 1975
UF *PWR/41 Type Reactors*
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
RT BOPSSAR Standard Plant
RT Gibbssar Standard Plant

Westinghouse Testing Reactor
USE WTR Reactor

WESTVACO PROCESS
DA January 1975
RT Desulfurization
RT Waste Processing
DEF Process uses dry activated carbon to remove SO_2 from waste gases.

WET ASHING [01]
UF *Ashing (Wet)*
RT Combustion
RT Sample Preparation
RT Waste Processing

Wet-Type Cooling Towers
DA April 1975
USE Cooling Towers
AND Open-Cycle Cooling Systems

WETTABILITY [01]
RT Surface Properties
RT Waterproofing
RT Wetting Agents

WETTING AGENTS [01]
BT1 Surfactants
NT1 Detergents
NT2 Pluronics
RT Wettability

Weyl Field
USE Weyl Unified Theory

WEYL UNIFIED THEORY [01]
UF *Weyl Field*
BT1 Field Theories
RT Electromagnetic Fields
RT Gravitational Fields
RT Weak Neutral Currents

WHEAT [01]
UF *Triticum*
BT1 Cereals
BT2 Gramineae
BT3 Plants
BT2 Grass
BT3 Plants

WHEELS
DA December 1978
RT Tires
RT Vehicles
DEF A circular frame with a hub at the center for attachment of an axle, about which it may revolve and bear a load.

WHEY
DA August 1978
BT1 Industrial Wastes
BT2 Wastes
RT Cheese
RT Food Industry
RT Milk
DEF Watery part of milk separated from the curd in the process of making cheese.

WHISKERS [01]
BT1 Monocrystals
BT2 Crystals

WHISTLERS [01]
BT1 Radio Noise
BT2 Noise
BT2 Radiowave Radiation
BT3 Electromagnetic Radiation
BT4 Radiations
RT Atmospherics
RT Auroral Hiss
RT Lightning

White Copper
USE German Silver

WHITE DWARF STARS [01]
BT1 Dwarf Stars
BT2 Stars

WHITE HOLES [01]
DA June 1976
RT Black Holes
RT Stars
DEF A time-reversed black hole, an expanding source with growing intensity and photon energy.

WHITE RIVER
DA May 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Colorado
RT Utah
RT White River Basin

WHITE RIVER BASIN
DA November 1977
RT Arkansas
RT Missouri
RT White River

WHITE RIVER SHALE PROJECT
DA March 1976
RT Oil Shales
RT Utah

Whiteshell Nuclear Research Establishment
DA May 1975
USE WNRE

Whiteshell-1 Reactor
USE WR-1 Reactor

WHO [01]
UF *World Health Organization*
BT1 International Organizations
RT Medicine
RT United Nations

WHOLE-BODY COUNTERS [01]
BT1 Radiation Detectors
BT2 Measuring Instruments
RT Gamma Spectrometers
RT Whole-Body Counting

WHOLE-BODY COUNTING [01]
BT1 Counting Techniques
RT Body
RT Personnel Monitoring
RT Radiation Protection
RT Radioactivity
RT Radionuclide Kinetics
RT Retention
RT Whole-Body Counters

WHOLE-BODY IRRADIATION [01]
BT1 External Irradiation
BT2 Irradiation
RT Body

WHOLESALE PRICES
DA June 1979
BT1 Prices
RT Retail Prices

WHOLESOMENESS [01]
RT Food
RT Preservation

WICK-CHANDRASEKHAR METHOD [01]
RT Transport Theory

WICK METHOD [01]
RT Neutron Slowing-Down Theory

RT Slowing-Down

WICK THEOREM [01]
RT Many-Body Problem
RT Quantum Field Theory

WIDE GAP SPARK CHAMBERS [01]
BT1 Spark Chambers
BT2 Gas Track Detectors
BT3 Radiation Detectors
BT4 Measuring Instruments

WIDMANSTAETTEN STRUCTURE [01]
BT1 Microstructure
BT2 Crystal Structure
RT Phase Transformations

WIDOWS CREEK STEAM PLANT
DA August 1976
BT1 Fossil-Fuel Power Plants
BT2 Thermal Power Plants
BT3 Power Plants
RT Tennessee Valley Authority

WIDTH [01]
(For dimensions only: see also LEVEL WIDTHS, LINE WIDTHS, and PARTICLE WIDTHS.)
BT1 Dimensions
RT Size

WIEDEMANN-FRANZ LAW [01]
RT Electric Conductivity
RT Thermal Conductivity

WIGGLER MAGNETS [01]
DA June 1977
BT1 Magnets

WIGHTMAN FIELD THEORY [01]
BT1 Axiomatic Field Theory
BT2 Quantum Field Theory
BT3 Field Theories

WIGNER COEFFICIENTS [01]
UF *9J-Symbols*
RT Angular Momentum
RT Clebsch-Gordan Coefficients
RT Group Theory
RT Quantum Mechanics
RT Racah Coefficients

WIGNER DISTRIBUTION [01]
RT Thermodynamics

WIGNER EFFECT [01]
RT Graphite
RT Radiation Effects

WIGNER-EISENBUD THEORY [01]
RT Nuclear Potential

WIGNER FORCE [01]
BT1 Nuclear Forces

Wigner Method
USE Peierls Method

WIGNER SCATTERING [01]
BT1 Elastic Scattering
BT2 Scattering

WIGNER-SEITZ METHOD [01]
RT Band Theory

WIGNER THEORY [01]
RT Quantum Mechanics

WIGNER-WILKINS MODEL [01]
RT Slowing-Down

WILD ANIMALS [01]
BT1 Animals
RT Home Range
RT Predator-Prey Interactions
RT Rangelands

Wilderness Areas
DA August 1978
USE Nature Reserves

WILKINS EQUATION [01]
BT1 Equations
RT Slowing-Down

WILKINSON THEORY [01]
RT Shell Models

William H. Zimmer-1 Reactor
USE Zimmer-1 Reactor

Williams-Weizsaecker Approximation
DA April 1975
USE Equivalent-Photon Approximation

WILPUTTE PROCESS
DA April 1978
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Gas Generators
DEF This gasifier is used for the gasification of various types of coal by partial combustion with air or oxygen at atmospheric pressure. The gasifier shell is brick-lined and is equipped with a Chapman drum feeder and agitator assembly. Supported under the shell, riding on three sets of rollers and guided by rollers, is the Koller-type revolving grate and ash pan.

WILZBACH METHOD [01]
BT1 Labelling
RT Labelled Compounds

WINCHES [01]
RT Hoists
RT Materials Handling

WIND [01]
NT1 Tornadoes
RT Air
RT Climates
RT Disasters
RT Fallout
RT Hurricanes
RT Meteorology
RT Radioactive Clouds
RT Turbulence
RT Weather

Wind Generators
DA March 1976
USE Electric Generators
AND Wind Turbines

WIND POWER
DA April 1975
BT1 Power
BT1 Renewable Energy Sources
BT2 Energy Sources
RT Wind Turbines

WIND POWER PLANTS
DA March 1976
BT1 Power Plants
NT1 EFD Wind Generators
DEF Wind turbines supplying electric power to a grid.

WIND-POWERED PUMPS
(Wind-mechanical pumps only; for wind-electric pumps use WIND TURBINES and PUMPS.)
DA September 1978
BT1 Pumps
RT Wind Turbines

WIND TUNNELS [01]
BT1 Tunnels
RT Aerodynamics
RT Supersonic Flow

WIND TURBINES
DA April 1975
UF+ *Wind Generators*
NT1 Diffuser Augmented Turbines
NT1 Vertical Axis Turbines
NT2 Giromill Turbines
NT2 Tornado Turbines
NT1 Vortex Augmented Turbines
RT Tipvane Rotors
RT Troposkien Shape
RT Water Brakes
RT Wind Power
RT Wind-Powered Pumps

WINDING MACHINES
DA May 1979
BT1 Equipment

WINDOWS [01]
BT1 Openings
NT1 Storm Windows
RT Bead Walls
RT Curtains
RT Glazing Materials
RT Heat Mirrors
RT Shutters
RT Skylights

Windscale Advanced Gas-Cooled Reactor
USE WAGR Reactor

WINDSCALE PRODUCTION REACTORS [01]
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Plutonium Production Reactors
BT2 Production Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Wine
USE Beverages

WINKLER PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT SNG Processes
DEF Davy-Powergas Inc. process for producing intermediate- or high-Btu gas that utilizes a fluid bed gasifier operating at 1500-1850°F and using oxygen and steam. Substitution of air for oxygen will produce low-Btu gas.

Winston Collectors
DA November 1976
USE Compound Parabolic Concentrators

WIRE SPARK CHAMBERS [01]
BT1 Filmless Spark Chambers
BT2 Spark Chambers
BT3 Gas Track Detectors
BT4 Radiation Detectors
BT5 Measuring Instruments
RT Multiwire Proportional Chambers

WIRES [01]
NT1 Exploding Wires
NT1 Superconducting Wires
RT Filaments
RT Rods
RT Ropes

Wires (Fuel)
USE Fuel Wires

WISCONSIN [01]
BT1 Great Lakes Region
BT1 USA
BT2 North America
RT Mississippi River

Wisconsin Public Service Power Reactor
USE Kewaunee Reactor

WITWATERSRAND [01]
BT1 Mountains
RT Transvaal

WKB APPROXIMATION [01]
UF *Wentzel-Kramers-Brillouin Approximation*
RT Scattering

WNP-1 REACTOR [01]
UF *WPPSS Nuclear Project No. 1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
RT N-Reactor

WNP-2 REACTOR [01]
(Washington Public Power Supply System Nuclear Project Number 2, previously known as Hanford-2 Reactor.)
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
NT1 Hanford-2 Reactor

WNP-3 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WNP-4 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WNP-5 REACTOR [01]
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WNRE [01]
DA May 1975
UF *Whiteshell Nuclear Research Establishment*
BT1 Canadian Organizations

WOLF CREEK-1 REACTOR [01]
DA April 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WOLF-RAYET STARS [01]
BT1 Main Sequence Stars
BT2 Stars

WOLFENSTEIN PARAMETERS [01]
RT Interactions
RT Nucleons

Wolfram
USE Tungsten

WOLFRAMITE [01]
BT1 Iron Oxides
BT2 Iron Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
BT1 Tungsten Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Tungsten Compounds
BT3 Transition Element Compounds

Wolframophosphoric Acid
USE Tungstophosphoric Acid

WOLSUNG-1 REACTOR [01]
DA March 1978
BT1 Candu Type Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT2 Pressure Tube Reactors
BT3 Reactors
BT2 Thermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 PHWR Type Reactors
BT2 Heavy Water Cooled Reactors
BT3 Reactors
BT2 Heavy Water Moderated Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors

WOLVES
DA July 1979
BT1 Mammals
BT2 Vertebrates
BT3 Animals

WOMEN [01]
BT1 Females
BT1 Man
BT2 Primates
BT3 Mammals
BT4 Vertebrates
BT5 Animals
RT Adults
RT Gynecology

WOOD [01]
RT Biomass
RT Cork
RT Delignification
RT Fuels
RT Harvesting
RT Hemicellulose
RT Lignin
RT Trees
RT Uronic Acids
RT Wood-Plastic Composites
RT Wood Products Industry
RT Xylans
RT Xylose

Wood Alcohol
USE Methanol

WOOD BURNING APPLIANCES
DA August 1979
BT1 Appliances
NT1 Wood Burning Furnaces
RT Stoves

WOOD BURNING FURNACES
DA June 1977
BT1 Furnaces
BT1 Wood Burning Appliances
BT2 Appliances
RT Space Heating

WOOD METAL [01]
BT1 Bismuth Base Alloys
BT2 Bismuth Alloys
BT3 Alloys
BT1 Cadmium Alloys
BT2 Alloys
BT1 Lead Alloys
BT2 Alloys
BT1 Tin Alloys
BT2 Alloys

WOOD-PLASTIC COMPOSITES [01]
BT1 Composite Materials
RT Irradiation
RT Organic Polymers
RT Wood

WOOD PRODUCTS INDUSTRY
DA October 1978
UF *Lumber Industry*
BT1 Industry
NT1 Furniture Industry
NT1 Paper Industry
RT Forestry
RT Wood
DEF Industry producing lumber, plywood, particle board, etc.

WOOD WASTES
DA October 1975
UF *Hog Fuel*
BT1 Solid Wastes
BT2 Wastes

WOODALL-DUCKHAM PROCESS
DA August 1977
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes
RT Low BTU Gas
DEF A two stage fixed bed process with volatile matter removed at low temperature in the first stage and semicoke or char gasified at higher temperatures in the second stage to produce a low Btu gas.

WOODS-SAXON POTENTIAL [01]
UF *Saxon-Woods Potential*
BT1 Nuclear Potential
BT2 Potentials
RT Optical Models

WOOL [01]
RT Fibers
RT Textiles

Wool Fat
USE Lanolin

Worcester Polytechnic Institute Pool Reactor
USE WPIR Reactor

WORK [01]
RT Automation
RT Employment
RT ILO
RT Labor
RT Occupational Diseases
RT Occupations
RT Personnel
RT Professional Personnel
RT Remote Handling
RT Working Conditions

WORK FUNCTIONS [01]
RT Binding Energy

RT Electron Emission
RT Electron Tubes
RT Energy
RT Metals
RT Surface Potential

Work Hardening
USE Strain Hardening

Work Softening
DA January 1975
USE Strain Softening

Workers
USE Personnel

Working (Materials)
USE Materials Working

WORKING CONDITIONS [01]
RT Air Conditioning
RT Flexitime
RT ICRP Critical Group
RT Industrial Medicine
RT Occupational Safety
RT Occupational Safety and Health Act
RT Quality of Life
RT Radiation Protection
RT Safety
RT Work

WORKING FLUIDS
DA January 1975
BT1 Fluids
RT Antifreeze
RT Energy Conversion
RT Freeze Protection
RT Heat Exchangers
RT Hydrodynamics
RT Turbines

WORKMENS COMPENSATION [01]
UF *Compensation (Workmens)*
RT Civil Liability
RT Hazards
RT Legal Aspects
RT Victims Compensation

World Health Organization
USE WHO

World-Wide Fallout
USE Global Fallout

Worms (Flat)
USE Platyhelminths

Worms (Round)
USE Nematodes

Worms (Segmented)
USE Annelids

WOUNDS [01]
BT1 Injuries
RT Healing
RT Necrosis
RT Skin

WPIR REACTOR [01]
UF *Worcester Polytechnic Institute Pool Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

WPPSS Nuclear Project No. 1
USE WNP-1 Reactor

WR-1 REACTOR [01]
UF *Whiteshell-1 Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WRRR REACTOR [01]
UF *Walter Reed Research Reactor L-54*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WSUR REACTOR [01]
UF *Pullman Washington State University Reactor*
UF *RSCW Reactor*
UF *RWSU Reactor*
UF *Washington State University Reactor*
BT1 Pool Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Pulsed Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 TRIGA Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Hydride Moderated Reactors
BT3 Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT2 Solid Homogeneous Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WTR REACTOR [01]
UF *Westinghouse Testing Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors

Wuerenlingen Proteus Reactor
USE Proteus Reactor

WUERGASSEN REACTOR [01]
UF *Kernkraftwerk Wuergassen*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

WULFENITE [01]
BT1 Lead Oxides
BT2 Lead Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Minerals
BT1 Molybdenum Oxides
BT2 Molybdenum Compounds
BT3 Transition Element Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds

WUP-1 Reactor
DA January 1975
USE Haven-1 Reactor

WUP-2 Reactor
DA January 1975
USE Haven-2 Reactor

WUP-3 REACTOR [01]
(Standardized plant of the Wisconsin Utilities Project.)
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WUP-4 REACTOR [01]
(Standardized plant of the Wisconsin Utilities Project.)
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WUP-5 REACTOR [01]
(Standardized plant of the Wisconsin Utilities Project.)
DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WUP-6 REACTOR [01]
(Standardized plant of the Wisconsin Utilities Project.)

DA January 1975
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WWER-4M-1 Reactor
USE Armenia-1 Reactor

WWER-4M-2 Reactor
USE Armenia-2 Reactor

WWER-1 REACTOR [01]
UF *Novo Voronezh-1 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

WWER-2 REACTOR [01]
UF *Novo Voronezh-2 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

WWER-3 REACTOR [01]
UF *Novo Voronezh-3 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

WWER-4 REACTOR [01]
UF *Novo Voronezh-4 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

WWER-5 REACTOR [01]
UF *Novo Voronezh-5 Reactor*
UF *WWER-500 Reactor*
BT1 Power Reactors
BT2 Reactors
BT1 WWER Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 PWR Type Reactors
BT3 Water Cooled Reactors
BT4 Reactors
BT3 Water Moderated Reactors
BT4 Reactors
BT2 Thermal Reactors
BT3 Reactors

WWER-500 Reactor
USE WWER-5 Reactor

WWER TYPE REACTORS [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
NT1 Greifswald-1 Reactor
NT1 Greifswald-2 Reactor
NT1 Greifswald-3 Reactor
NT1 Greifswald-4 Reactor
NT1 Kola-1 Reactor
NT1 Kola-2 Reactor
NT1 Loviisa Reactor
NT1 Loviisa-1 Reactor
NT1 Loviisa-2 Reactor
NT1 PAKS-1 Reactor
NT1 PAKS-2 Reactor
NT1 Rovno-1 Reactor
NT1 Rovno-2 Reactor
NT1 Rovno-3 Reactor
NT1 WWER-1 Reactor
NT1 WWER-2 Reactor
NT1 WWER-3 Reactor
NT1 WWER-4 Reactor
NT1 WWER-5 Reactor
RT Power Reactors

WWR-K-ALMA-ATA REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-M-KIEV REACTOR [01]
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-M-LENINGRAD REACTOR [01]
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-2 REACTOR [01]
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-BAGHDAD REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-BUCHAREST REACTOR [01]
UF *Romanian WWR-C Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-BUDAPEST REACTOR [01]
UF *Hungarian WWR-C Reactor*
UF *KFKI Reactor*
UF *ZR-6 Reactor*
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-CAIRO REACTOR [01]
UF *ARE-RR-1 Reactor*

UF *United Arab Republic WWR-C Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-MOSCOW REACTOR [01]
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-OBNINSK REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Test Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-PRAGUE REACTOR [01]
UF *Czech WWR-C Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-S-TASHKENT REACTOR [01]
UF *Uzbek WWR-C Reactor*
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR-SM ROSSENDORF REACTOR [01]
DA May 1975
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WWR TYPE REACTORS [01]
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Water Cooled Reactors
BT2 Reactors
BT1 Water Moderated Reactors
BT2 Reactors
NT1 WWR-K-Alma-Ata Reactor
NT1 WWR-M-Kiev Reactor
NT1 WWR-M-Leningrad Reactor
NT1 WWR-2 Reactor
NT1 WWR-S-Baghdad Reactor
NT1 WWR-S-Bucharest Reactor
NT1 WWR-S-Budapest Reactor
NT1 WWR-S-Cairo Reactor
NT1 WWR-S-Moscow Reactor
NT1 WWR-S-Obninsk Reactor
NT1 WWR-S-Prague Reactor
NT1 WWR-S-Tashkent Reactor
NT1 WWR-SM Rossendorf Reactor
NT1 WWR-Z Reactor

WWR-Z REACTOR [01]
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 WWR Type Reactors
BT2 Enriched Uranium Reactors
BT3 Reactors
BT2 Tank Type Reactors
BT3 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors

WYHL-1 REACTOR [01]
DA December 1975
UF *KWS-1 Wyhl Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

WYHL-2 REACTOR [01]
DA December 1975
UF *KWS-2 Wyhl Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Wylfa Nuclear Power Station
USE Wylfa Reactor

WYLFA REACTOR [01]
UF *Wylfa Nuclear Power Station*
BT1 Carbon Dioxide Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Magnox Type Reactors
BT2 GCR Type Reactors
BT3 Gas Cooled Reactors
BT4 Reactors
BT3 Graphite Moderated Reactors
BT4 Reactors
BT2 Natural Uranium Reactors
BT3 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

WYOMING [01]
BT1 Rocky Mountain Region
BT2 USA
BT3 North America
NT1 Rock Springs Sites
NT1 Washakie Basin
RT Green River Formation
RT North Platte River Basin
RT Yellowstone National Park

X CENTERS
DA January 1975
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

X Chromosome
USE Heterochromosomes

X-CHROMOSOMES [01]
DA September 1978
BT1 Chromosomes

X CODES [01]
BT1 Computer Codes

2X DEVICES [01]
BT1 Magnetic Mirrors
BT2 Open Plasma Devices
BT3 Thermonuclear Devices

X RADIATION [01]
BT1 Electromagnetic Radiation
BT2 Radiations
BT1 Ionizing Radiations
BT2 Radiations
NT1 Hard X Radiation
NT1 Soft X Radiation
RT Biomedical Radiography
RT Cosmic X-Ray Sources
RT Fluoroscopy
RT Gamma Radiation
RT Photons
RT Solar X-Ray Bursts
RT Television
RT X-Ray Fluorescence Analysis
RT X-Ray Spectroscopy

X-Rasers
DA March 1978
USE X-Ray Lasers

X-RAY DETECTION [01]
UF *Photon Detection (X-Ray)*
BT1 Radiation Detection
BT2 Detection
RT X-Ray Dosimetry
RT X-Ray Spectrometers

X-RAY DIFFRACTION [01]
UF *Diffraction (X-Ray)*
BT1 Diffraction
BT2 Coherent Scattering
BT3 Scattering
RT Bragg Reflection
RT Crystallography

RT Debye-Scherrer Method
RT Laue Method
RT Structural Chemical Analysis
RT X-Ray Diffractometers

X-RAY DIFFRACTOMETERS [01]
DA May 1975
BT1 Diffractometers
BT2 Measuring Instruments
RT Crystallography
RT Diffraction Methods
RT Gamma Diffractometers
RT Structural Chemical Analysis
RT X-Ray Diffraction

X-RAY DOSIMETRY [01]
BT1 Dosimetry
RT X-Ray Detection

X-RAY EMISSION ANALYSIS [01]
DA April 1975
UF *Particle-induced X-Ray Emission Analysis*
UF *Pixe*
BT1 Nondestructive Analysis
BT2 Chemical Analysis
NT1 X-Ray Fluorescence Analysis
RT Electron Probes
RT Quantitative Chemical Analysis
RT X-Ray Spectroscopy

X-RAY EQUIPMENT [01]
NT1 X-Ray Sources
NT1 X-Ray Tubes
RT Biomedical Radiography
RT Diagnostic Techniques
RT Electronic Equipment

X-RAY FLUORESCENCE ANALYSIS [01]
BT1 X-Ray Emission Analysis
BT2 Nondestructive Analysis
BT3 Chemical Analysis
RT Fluorescence
RT Fluorescence Spectroscopy
RT Quantitative Chemical Analysis
RT X Radiation
RT X-Ray Fluorescence Analyzers
RT X-Ray Fluorescence Logging

X-RAY FLUORESCENCE ANALYZERS [01]
RT X-Ray Fluorescence Analysis

X-RAY FLUORESCENCE LOGGING [01]
DA March 1977
BT1 Radioactivity Logging
BT2 Well Logging
RT X-Ray Fluorescence Analysis

X-RAY GALAXIES [01]
DA August 1976
BT1 Cosmic X-Ray Sources
BT2 Cosmic Ray Sources
BT1 Galaxies
RT Cosmic Photons

X-RAY LASERS [01]
DA March 1978
UF *X-Rasers*
BT1 Lasers

X-RAY RADIOGRAPHY [01]
BT1 Industrial Radiography
BT2 Nondestructive Testing
BT3 Materials Testing
BT4 Testing
RT Biomedical Radiography

X-RAY SOURCES [01]
(For cosmic sources of x radiation use COSMIC X-RAY SOURCES.)
BT1 Radiation Sources
BT1 X-Ray Equipment
RT NSLS
RT Synchrotron Radiation Sources

X-RAY SPECTRA [01]
BT1 Spectra
RT X-Ray Spectroscopy

X-RAY SPECTROMETERS [01]
BT1 Spectrometers
BT2 Measuring Instruments
RT X-Ray Detection

X-RAY SPECTROSCOPY [01]
BT1 Spectroscopy
NT1 Radiometric Surveys
RT X Radiation
RT X-Ray Emission Analysis
RT X-Ray Spectra

X-Ray Transmission Scanning
DA May 1975
USE Photon Transmission Scanning

X-RAY TUBES [01]
BT1 Electron Tubes
BT1 X-Ray Equipment

X-10 REACTOR [01]
UF *ORNL X-10 Area Graphite Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Isotope Production Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors

X-2830 RESONANCES [01]
DA November 1977
BT1 Meson Resonances
BT2 Mesons
BT3 Bosons
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

X-Zero Resonances
USE Eta-958 Resonances

XANTHATES [01]
BT1 Organic Sulfur Compounds
BT2 Organic Compounds
NT1 Viscose

XANTHINES [01]
BT1 Organic Oxygen Compounds
BT2 Organic Compounds
BT1 Purines
BT2 Heterocyclic Compounds
BT3 Organic Compounds
BT2 Organic Nitrogen Compounds
BT3 Organic Compounds
NT1 Caffeine
NT1 Theobromine
NT1 Theophylline
NT1 Uric Acid
RT Hypoxanthine

XC-224
DA January 1979
USE Mar-M509 Alloys

XC-224Fe
DA January 1979
USE Mar-M509 Alloys

XDS COMPUTERS
(Xerox Data Systems.)
DA January 1979
BT1 Computers

XE-PRIME REACTOR [01]
UF *Ground Experimental Engine Experiment*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Propulsion Reactors
BT2 Reactors

XE-2 REACTOR
DA April 1975
UF *Ground Experimental Engine Experiment-2*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Space Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT2 Space Power Reactors
BT3 Mobile Reactors
BT4 Reactors
BT3 Power Reactors
BT4 Reactors
RT Hydrogen Cooled Reactors
RT NERVA Reactor

XENON [01]
BT1 Rare Gases
BT2 Nonmetals
BT3 Elements
RT Xenon Oscillations

XENON 112 [01]
DA May 1979
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 113 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 114 [01]
DA May 1978
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 115 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 116 [01]
DA May 1975
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 117 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 118 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 119 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 120 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 121 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 122 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 123 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 124 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 125 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 126 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 127 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 128 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 129 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 130 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 131 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 132 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 133 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 134 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes

XENON 135 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 136 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Xenon Isotopes
RT Xenon 136 Beams

XENON 137 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 138 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 139 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 140 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 141 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 142 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 143 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 144 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 145 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Xenon Isotopes

XENON 146
DA March 1976
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Xenon Isotopes

XENON 129 BEAMS [01]
DA November 1976
BT1 Ion Beams
BT2 Beams

XENON 131 BEAMS [01]
DA April 1977
BT1 Ion Beams
BT2 Beams

XENON 132 BEAMS [01]
DA February 1979
BT1 Ion Beams
BT2 Beams

XENON 136 BEAMS [01]
BT1 Ion Beams
BT2 Beams
RT Xenon 136

XENON BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON COMPLEXES [01]
BT1 Complexes

XENON COMPOUNDS [01]
BT1 Rare Gas Compounds
NT1 Xenon Bromides
NT1 Xenon Chlorides
NT1 Xenon Fluorides
NT1 Xenon Hydrides
NT1 Xenon Hydroxides
NT1 Xenon Iodides
NT1 Xenon Oxides
NT1 Xenon Phosphates

Xenon Effect
USE Xenon Oscillations

XENON FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON IODIDES
DA October 1978
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON IONS [01]
BT1 Ions
BT2 Charged Particles
RT Atomic Ions
RT Molecular Ions

XENON ISOTOPES [01]
NT1 Xenon 112
NT1 Xenon 113
NT1 Xenon 114
NT1 Xenon 115
NT1 Xenon 116
NT1 Xenon 117
NT1 Xenon 118
NT1 Xenon 119
NT1 Xenon 120
NT1 Xenon 121
NT1 Xenon 122
NT1 Xenon 123
NT1 Xenon 124
NT1 Xenon 125
NT1 Xenon 126
NT1 Xenon 127
NT1 Xenon 128
NT1 Xenon 129
NT1 Xenon 130
NT1 Xenon 131
NT1 Xenon 132
NT1 Xenon 133
NT1 Xenon 134
NT1 Xenon 135
NT1 Xenon 136
NT1 Xenon 137
NT1 Xenon 138

NT1 Xenon 139
NT1 Xenon 140
NT1 Xenon 141
NT1 Xenon 142
NT1 Xenon 143
NT1 Xenon 144
NT1 Xenon 145
NT1 Xenon 146

XENON OSCILLATIONS
DA February 1975
UF *Xenon Effect*
BT1 Poisoning
RT Nuclear Poisons
RT Oscillations
RT Reactor Poison Removal
RT Xenon
DEF Effects of fission-product xenon levels on reactor operation.

XENON OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Xenon Compounds
BT2 Rare Gas Compounds

XENON 129 REACTIONS [01]
DA November 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

XENON 132 REACTIONS [01]
DA April 1977
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

XENON 136 REACTIONS [01]
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

XENON 123 TARGET [01]
DA July 1976
BT1 Targets

XENON 124 TARGET [01]
DA July 1976
BT1 Targets

XENON 125 TARGET [01]
DA September 1978
BT1 Targets

XENON 126 TARGET [01]
DA July 1976
BT1 Targets

XENON 127 TARGET [01]
DA March 1979
BT1 Targets

XENON 128 TARGET [01]
DA July 1976
BT1 Targets

XENON 130 TARGET [01]
DA July 1976
BT1 Targets

XENON 131 TARGET [01]
DA June 1977
BT1 Targets

XENON 132 TARGET [01]
DA July 1976
BT1 Targets

XENON 134 TARGET [01]
DA July 1976
BT1 Targets

XENON 136 TARGET [01]
DA July 1976
BT1 Targets

XENOTIME [01]
BT1 Yttrium Phosphates
BT2 Phosphates
BT3 Oxygen Compounds
BT3 Phosphorus Compounds
BT2 Yttrium Compounds
BT3 Transition Element Compounds

XERODERMA PIGMENTOSUM
DA January 1978
BT1 Skin Diseases
BT2 Diseases
RT Photochemical Reactions
RT XP Cells

XEROGRAPHY [01]
RT Electrostatics
RT Photography

XI MINUS
BT1 Xi Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

XI NEUTRAL
BT1 Xi Particles
BT2 Hyperons
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Strange Particles
BT4 Elementary Particles

XI PARTICLE BEAMS [01]
BT1 Hyperon Beams
BT2 Particle Beams
BT3 Beams

XI PARTICLES [01]
BT1 Hyperons
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Strange Particles
BT3 Elementary Particles
NT1 Xi Minus
NT1 Xi Neutral
RT Antixi Particles

XI-1530 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

XI-1630 RESONANCES [01]
DA January 1975
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
DEF Baryon resonance of strangeness S=-2 and isospin I=1/2.

XI-1820 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

XI-1930 RESONANCES [01]
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles

XI-2030 RESONANCES [01]
DA January 1975
BT1 Y*Resonances
BT2 Baryon Resonances
BT3 Baryons
BT4 Fermions
BT4 Hadrons
BT5 Elementary Particles
BT3 Resonance Particles
BT4 Hadrons
BT5 Elementary Particles
DEF Baryon resonance of strangeness S=-2 and Isospin I=1/2.

XMA-1 REACTOR
DA January 1975
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Aircraft Propulsion Reactors
BT2 Propulsion Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Hydride Moderated Reactors
BT2 Reactors

XP CELLS [01]
DA September 1976
BT1 Animal Cells
RT Xeroderma Pigmentosum

XUV
USE Extreme Ultraviolet Radiation

XYLANASES
DA March 1979
BT1 Hydrolases
BT2 Enzymes
RT Enzymatic Hydrolysis
DEF Any of a group of enzymes that hydrolyze xylans.

XYLANS
DA April 1979
BT1 Hemicellulose
BT2 Polysaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Biomass
RT Lignin
RT Trees
RT Wood
DEF Major hemicellulose of hard woods.

XYLENE-PARA [01]
BT1 Xylenes
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydrocarbons
BT3 Organic Compounds

XYLENES [01]
UF *Dimethylbenzenes*
BT1 Aromatics
BT2 Organic Compounds
BT1 Hydrocarbons
BT2 Organic Compounds
NT1 Xylene-Para

XYLENOL ORANGE [01]
BT1 Dyes

BT1 Indicators

XYLENOLS
DA January 1975
UF *Dimethylphenols*
UF *Hydroxyxylenes*
BT1 Phenols
BT2 Aromatics
BT3 Organic Compounds
BT2 Hydroxy Compounds
BT3 Organic Compounds

XYLOSE [01]
BT1 Aldehydes
BT2 Organic Compounds
BT1 Pentoses
BT2 Monosaccharides
BT3 Saccharides
BT4 Carbohydrates
BT5 Organic Compounds
RT Wood

Y Chromosome
USE Heterochromosomes

Y CODES [01]
BT1 Computer Codes

Y-12 PLANT [01]
BT1 US AEC
BT2 US Organizations
BT3 National Organizations
BT1 US DOE
BT2 US Organizations
BT3 National Organizations
BT1 US ERDA
BT2 US Organizations
BT3 National Organizations
RT Oak Ridge

Yamaguchi Nonlocal Potential
USE Yamaguchi Potential

YAMAGUCHI POTENTIAL [01]
UF *Yamaguchi Nonlocal Potential*
BT1 Nucleon-Nucleon Potential
BT2 Potentials
RT Nucleons

YAMS [01]
BT1 Vegetables
BT2 Food
DEF Tuberous root of plants of the genus Dioscorea.

YANG-FELDMAN FORMALISM [01]
RT Quantum Field Theory
RT S Matrix

Yang-Lee Distribution
USE Lee-Yang Theory

YANG-MILLS THEORY [01]
RT Isospin
RT Quantum Chromodynamics
RT Quantum Field Theory

YANG THEOREM [01]
RT Angular Distribution
RT Nuclear Reactions

Yankee Connecticut Reactor
USE Connecticut Yankee Reactor

Yankee Maine Reactor
USE Maine Yankee Reactor

Yankee Rowe Reactor
USE Rowe Yankee Reactor

Yankee Vermont Reactor
USE Vermont Yankee Reactor

YAYOI REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research and Test Reactors
BT2 Reactors

***YEARS LIVING RADIOISOTOPES [01]**
(For specific terms, consult the Appendix.)
BT1 Radioisotopes
BT2 Isotopes
RT Lifetime

YEASTS [01]
BT1 Fungi
BT2 Plants
BT1 Microorganisms
NT1 Candida
NT1 Saccharomyces
NT2 Saccharomyces Cerevisiae
NT1 Torula
RT Zymosan

Yellow Cake
DA April 1977
USE Uranium Oxides U3O8

YELLOW CREEK
DA May 1975
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Colorado
RT Yellow Creek Basin

YELLOW CREEK BASIN
DA June 1975
RT Colorado
RT Yellow Creek

YELLOW CREEK-1 REACTOR [01]
DA August 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

YELLOW CREEK-2 REACTOR [01]
DA August 1976
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

YELLOWSTONE NATIONAL PARK
DA January 1975
BT1 Public Lands
RT Idaho
RT Montana
RT Old Faithful Geyser
RT Wyoming

Yerevan Synchrotron
USE Erevan Synchrotron

Yield (Biological)
USE Productivity

Yield (Chemical Reaction)
USE Chemical Reaction Yield

Yield (Fission)
USE Fission Yield

Yield (Fusion)
DA May 1976
USE Fusion Yield

Yield (Nuclear Reaction)
USE Nuclear Reaction Yield

YIELD STRENGTH [01]
UF *Strength (Yield)*
BT1 Mechanical Properties
RT Tensile Properties

YIELDS
DA May 1975
NT1 Chemical Reaction Yield
NT1 Gas Yields
NT1 Nuclear Reaction Yield
NT2 Fission Yield
NT2 Fusion Yield
NT1 Oil Yields

Yolk
USE Eggs

Yoshida Sarcoma
USE Experimental Neoplasms

YOSHIMORI-KITANO MODEL [01]
RT Transport Theory

YOUNG DIAGRAM [01]
BT1 Diagrams
RT Group Theory

YOUNG MODEL [01]
RT Transport Theory

YOUNG MODULUS [01]
BT1 Elasticity
BT2 Tensile Properties
BT3 Mechanical Properties

YRAST STATES [01]
BT1 Energy Levels
RT Angular Momentum
RT Backbending
RT Moment of Inertia
RT Nuclear Structure
DEF The lowest energy states for given angular momenta.

Y*RESONANCES [01]
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
NT1 Lambda-1405 Resonances
NT1 Lambda-1520 Resonances
NT1 Lambda-1670 Resonances
NT1 Lambda-1690 Resonances
NT1 Lambda-1815 Resonances
NT1 Lambda-1830 Resonances
NT1 Lambda-2100 Resonances
NT1 Lambda-2250 Resonances
NT1 Lambda-2350 Resonances
NT1 Sigma-1385 Resonances
NT1 Sigma-1580 Resonances
NT1 Sigma-1620 Resonances
NT1 Sigma-1640 Resonances
NT1 Sigma-1660 Resonances
NT1 Sigma-1670 Resonances
NT1 Sigma-1750 Resonances
NT1 Sigma-1765 Resonances
NT1 Sigma-1910 Resonances
NT1 Sigma-1940 Resonances
NT1 Sigma-2030 Resonances
NT1 Sigma-2250 Resonances
NT1 Sigma-2455 Resonances
NT1 Sigma-2595 Resonances
NT1 Xi-1530 Resonances
NT1 Xi-1630 Resonances
NT1 Xi-1820 Resonances
NT1 Xi-1930 Resonances
NT1 Xi-2030 Resonances

YTTERBIUM [01]
BT1 Rare Earths
BT2 Metals
BT3 Elements

YTTERBIUM 153 [01]
DA October 1977
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes

BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 154 [01]
DA July 1976
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 155 [01]
DA September 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 156 [01]
DA September 1976
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 157 [01]
DA January 1975
BT1 Alpha Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 158 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 159 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 160 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 161 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 162 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 163 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 164 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 165 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 166 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 167 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 168 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 169 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 170 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 171 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 172 [01]
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 173 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 174 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 175 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 176 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 177 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM 178 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Rare Earth Nuclei
BT2 Intermediate Mass Nuclei
BT3 Nuclei
BT1 Ytterbium Isotopes
BT2 Rare Earth Isotopes
BT3 Isotopes

YTTERBIUM ADDITIONS [01]
BT1 Rare Earth Additions
BT2 Rare Earth Alloys
BT3 Alloys
BT1 Ytterbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

YTTERBIUM ALLOYS [01]
BT1 Rare Earth Alloys
BT2 Alloys
NT1 Ytterbium Additions
NT1 Ytterbium Base Alloys

YTTERBIUM BASE ALLOYS [01]
BT1 Ytterbium Alloys
BT2 Rare Earth Alloys
BT3 Alloys

YTTERBIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM COMPLEXES [01]
BT1 Rare Earth Complexes
BT2 Complexes

YTTERBIUM COMPOUNDS [01]
BT1 Rare Earth Compounds
NT1 Ytterbium Borides
NT1 Ytterbium Bromides
NT1 Ytterbium Carbides
NT1 Ytterbium Carbonates
NT1 Ytterbium Chlorides
NT1 Ytterbium Fluorides
NT1 Ytterbium Hydrides
NT1 Ytterbium Hydroxides
NT1 Ytterbium Iodides
NT1 Ytterbium Nitrates
NT1 Ytterbium Nitrides
NT1 Ytterbium Oxides
NT1 Ytterbium Perchlorates
NT1 Ytterbium Phosphates
NT1 Ytterbium Selenides
NT1 Ytterbium Silicates
NT1 Ytterbium Silicides
NT1 Ytterbium Sulfates
NT1 Ytterbium Sulfides
NT1 Ytterbium Tellurides
NT1 Ytterbium Tungstates

YTTERBIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM IODIDES [01]
DA January 1975
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

YTTERBIUM ISOTOPES [01]
BT1 Rare Earth Isotopes
BT2 Isotopes
NT1 Ytterbium 153
NT1 Ytterbium 154
NT1 Ytterbium 155
NT1 Ytterbium 156
NT1 Ytterbium 157
NT1 Ytterbium 158
NT1 Ytterbium 159
NT1 Ytterbium 160
NT1 Ytterbium 161
NT1 Ytterbium 162
NT1 Ytterbium 163
NT1 Ytterbium 164
NT1 Ytterbium 165
NT1 Ytterbium 166
NT1 Ytterbium 167
NT1 Ytterbium 168
NT1 Ytterbium 169
NT1 Ytterbium 170
NT1 Ytterbium 171
NT1 Ytterbium 172
NT1 Ytterbium 173
NT1 Ytterbium 174
NT1 Ytterbium 175
NT1 Ytterbium 176
NT1 Ytterbium 177
NT1 Ytterbium 178

YTTERBIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM OXIDES [01]
BT1 Oxides

BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM PERCHLORATES
DA October 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM PHOSPHATES [01]
DA December 1975
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM SELENIDES [01]
DA April 1977
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM SILICIDES [01]
DA September 1978
BT1 Silicides
BT2 Silicon Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM 168 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 170 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 171 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 172 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 173 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 174 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM 176 TARGET [01]
DA July 1976
BT1 Targets

YTTERBIUM TELLURIDES
DA January 1976
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTERBIUM TUNGSTATES [01]
DA March 1979
BT1 Tungstates
BT1 Ytterbium Compounds
BT2 Rare Earth Compounds

YTTRIALITE [01]
BT1 Cerium Silicates
BT2 Cerium Compounds
BT3 Rare Earth Compounds
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT1 Thorium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Thorium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Thorium Compounds
BT3 Actinide Compounds
BT1 Yttrium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Yttrium Compounds
BT3 Transition Element Compounds

YTTRIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements

YTTRIUM 81 [01]
DA May 1975
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 82 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 83 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 84 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 85 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 86 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Internal Conversion Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 87 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes
RT Radioisotope Generators

YTTRIUM 88 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Yttrium Isotopes

YTTRIUM 89 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Yttrium Isotopes

YTTRIUM 90 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 91 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 92 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 93 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 94 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 96 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Yttrium Isotopes

YTTRIUM 98 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 99 [01]
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Even Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM 100 [01]
DA October 1977
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Yttrium Isotopes

YTTRIUM 102 [01]
DA November 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Odd-Odd Nuclei
BT2 Nuclei
BT1 Yttrium Isotopes

YTTRIUM ADDITIONS [01]
BT1 Yttrium Alloys
BT2 Alloys
NT1 Alloy-Vus-6

YTTRIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-C-103
NT1 Alloy-C-129Y
NT1 Yttrium Additions
NT2 Alloy-Vus-6
NT1 Yttrium Base Alloys

Yttrium Aluminium Garnets
USE Aluminium Oxides
AND Ferrite Garnets
AND Yttrium Compounds

YTTRIUM ARSENIDES [01]
DA September 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM BASE ALLOYS [01]
BT1 Yttrium Alloys
BT2 Alloys

YTTRIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

YTTRIUM COMPOUNDS [01]
UF+ *Yttrium Aluminium Garnets*
BT1 Transition Element Compounds
NT1 Yttrium Arsenides
NT1 Yttrium Borides
NT1 Yttrium Bromides
NT1 Yttrium Carbides
NT1 Yttrium Carbonates
NT1 Yttrium Chlorides
NT1 Yttrium Fluorides
NT1 Yttrium Hydrides
NT1 Yttrium Hydroxides
NT1 Yttrium Iodides
NT1 Yttrium Nitrates
NT1 Yttrium Nitrides
NT1 Yttrium Oxides
NT2 Alloy-IN-853
NT1 Yttrium Perchlorates
NT1 Yttrium Phosphates
NT2 Xenotime
NT1 Yttrium Phosphides
NT1 Yttrium Selenides
NT1 Yttrium Silicates
NT2 Kainosite
NT2 Yttrialite
NT1 Yttrium Silicides

NT1 Yttrium Sulfates
NT1 Yttrium Sulfides
NT1 Yttrium Tellurides

YTTRIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

YTTRIUM ISOTOPES [01]
NT1 Yttrium 81
NT1 Yttrium 82
NT1 Yttrium 83
NT1 Yttrium 84
NT1 Yttrium 85
NT1 Yttrium 86
NT1 Yttrium 87
NT1 Yttrium 88
NT1 Yttrium 89
NT1 Yttrium 90
NT1 Yttrium 91
NT1 Yttrium 92
NT1 Yttrium 93
NT1 Yttrium 94
NT1 Yttrium 95
NT1 Yttrium 96
NT1 Yttrium 97
NT1 Yttrium 98
NT1 Yttrium 99
NT1 Yttrium 100
NT1 Yttrium 102

YTTRIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM ORES [01]
BT1 Ores

YTTRIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds
NT1 Alloy-IN-853

YTTRIUM PERCHLORATES
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds
NT1 Xenotime

YTTRIUM PHOSPHIDES [01]
DA August 1976
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM SELENIDES
DA November 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds
NT1 Kainosite
NT1 Yttrialite

YTTRIUM SILICIDES [01]
DA May 1976
BT1 Silicides
BT2 Silicon Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

YTTRIUM 87 TARGET [01]
DA April 1977
BT1 Targets

YTTRIUM 88 TARGET [01]
DA April 1977
BT1 Targets

YTTRIUM 89 TARGET [01]
DA July 1976
BT1 Targets

YTTRIUM TELLURIDES [01]
DA November 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Yttrium Compounds
BT2 Transition Element Compounds

Yugoslav TRIGA-Mk-II Reactor
USE TRIGA-2-Ljubljana Reactor

YUGOSLAVIA [01]
BT1 Europe
RT Adriatic Sea
RT Alps
RT Danube River

Yugoslavia R-A Reactor Vinca
USE R-A Reactor

Yugoslavia R-B Reactor Vinca
USE R-B Reactor

YUKAWA NONLOCAL THEORY [01]
BT1 Quantum Field Theory
BT2 Field Theories

YUKAWA POTENTIAL [01]
BT1 Nuclear Potential
BT2 Potentials
RT Nucleon-Nucleon Potential
RT Nucleons

YUKON RIVER
DA October 1978
BT1 Rivers
BT2 Streams
BT3 Surface Waters
RT Alaska

YUKON TERRITORY [01]
DA February 1979
BT1 Canada
BT2 North America

YVON METHOD [01]
RT Neutron Transport Theory
RT Spherical Harmonics
RT Transport Theory

Z CENTERS [01]
BT1 Color Centers
BT2 Vacancies
BT3 Point Defects
BT4 Crystal Defects
BT5 Crystal Structure

Z CODES [01]
BT1 Computer Codes

Z Pinch Devices (Linear)
USE Linear Z Pinch Devices

ZACHARIASEN MODEL [01]
RT Quantum Field Theory

ZAIRE REPUBLIC [01]
UF *Congo Democratic Republic*
UF *Republic of Zaire*
BT1 Africa
NT1 Kinshasa

ZAMAK [01]
BT1 Aluminium Alloys
BT2 Alloys
BT1 Cadmium Additions
BT2 Cadmium Alloys
BT3 Alloys
BT1 Copper Alloys
BT2 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Magnesium Additions
BT2 Magnesium Alloys
BT3 Alloys
BT1 Tin Additions
BT2 Tin Alloys
BT3 Alloys
BT1 Zinc Base Alloys
BT2 Zinc Alloys
BT3 Alloys

ZAMBIA [01]
UF *Northern Rhodesia*
UF *Rhodesia (Northern)*
BT1 Africa

ZARNOWIEC REACTOR
DA March 1977
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Zea Mays
USE Maize

ZEBRA REACTOR [01]
UF *Zero Energy Breeder Reactor Assembly*
BT1 FBR Type Reactors
BT2 Breeder Reactors
BT3 Reactors
BT2 Fast Reactors
BT3 Epithermal Reactors
BT4 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors

ZED-2 REACTOR [01]
UF *Organic Cooled Heavy Water Moderated Chalk River Reactor*
BT1 Air Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Heavy Water Cooled Reactors
BT2 Reactors
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Organic Cooled Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ZEEMAN EFFECT [01]
UF *Zeeman Resonance*
UF *Zeeman Spectrum*
UF *Zeeman Transition*
RT Double Resonance Methods
RT Magnetic Fields
RT Magneto-Optical Effects
RT Paschen-Back Effect
RT Spectral Shift

Zeeman Resonance
USE Zeeman Effect

Zeeman Spectrum
USE Zeeman Effect

Zeeman Transition
USE Zeeman Effect

ZEEP REACTOR [01]
UF *Zero Energy Experimental Pile*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZEMACH-GLAUBER FORMALISM [01]
RT Scattering
RT Thermal Neutrons

Zener Diodes
USE Junction Diodes

ZENITH REACTOR [01]
UF *Zero Energy Nitrogen Heated Thermal Reactor*
BT1 Graphite Moderated Reactors
BT2 Reactors
BT1 Nitrogen Cooled Reactors
BT2 Gas Cooled Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Enriched Uranium Reactors
RT Plutonium Reactors
RT Thorium Reactors

ZEOLITES [01]
BT1 Inorganic Ion Exchangers
BT2 Ion Exchange Materials
BT1 Minerals
NT1 Analcime
NT1 Clinoptilolite
NT1 Faujasite
NT1 Heulandite
NT1 Laumontite
NT1 Mordenite
NT1 Wairakite
RT Desiccants
DEF A class of hydrated silicates of aluminium and either sodium or calcium or both, of the type $NaO_2.Al_2O_3.nSiO_2.xH_2O$.

ZEPHYR REACTOR [01]
UF *Zero Energy Fast Reactor-Zephyr*
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Materials Testing Reactors
BT2 Irradiation Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Plutonium Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZERAN LINAC
DA May 1979
BT1 Linear Accelerators
BT2 Accelerators

ZERLINA REACTOR [01]
UF *Zero Energy Reactor for Lattice Invest. and New Assemblies*
BT1 Heavy Water Moderated Reactors
BT2 Reactors
BT1 Organic Moderated Reactors
BT2 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

Zero Energy Balance
DA May 1976
USE Breakeven

Zero Energy Breeder Reactor Assembly
USE ZEBRA Reactor

Zero Energy Experimental Pile
USE ZEEP Reactor

Zero Energy Fast Reactor-Zephyr
USE Zephyr Reactor

Zero Energy Nitrogen Heated Thermal Reactor
USE Zenith Reactor

Zero Energy Reactor for Lattice Invest. and New Assemblies
USE Zerlina Reactor

Zero Energy Thermal Reactor
USE ZETR Reactor

Zero Energy Uranium System-Zeus
USE ZEUS Reactor

Zero Gradient Synchrotron
USE ZGS

Zero Power Critical Experiment Minerve
USE Minerve Reactor

Zero Power Reactor-1 NASA
USE NASA-ZPR-1 Reactor

Zero Power Reactor-2 NASA
USE NASA-ZPR-2 Reactor

ZERO POWER REACTORS [01]
UF *Critical Assemblies*
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
NT1 AE-6 Reactor
NT1 AEG Nullenergie Reactor
NT1 Agata Reactor
NT1 AHCF Reactor
NT1 AHR Reactor
NT1 ALECTO Reactor
NT1 ALIZE Reactor
NT1 ANEX Reactor
NT1 ANNA Reactor
NT1 APFA-3 Reactor
NT1 AQUILON Reactor
NT1 AZUR Reactor
NT1 BFS Reactor
NT1 Big Ten Reactor
NT1 BNL Reactor
NT1 CEPFR-1 Reactor
NT1 CFRMF Reactor
NT1 CML Reactor
NT1 Coral-1 Reactor
NT1 Crocus Reactor
NT1 Daphne Reactor
NT1 DCA Reactor
NT1 Dimple Reactor
NT1 ECEL Reactor
NT1 Ermine Reactor
NT1 ETRC Reactor
NT1 FCA Reactor
NT1 FCEL Reactor
NT1 Flattop Reactor
NT1 FR-0 Reactor
NT1 FS-1 Reactor
NT1 Godiva Reactor
NT1 Hazel Reactor
NT1 Hero Reactor
NT1 Hitrex-1 Reactor
NT1 Horace Reactor
NT1 IEA-ZPR Reactor
NT1 IFR Reactor
NT1 ITR Reactor
NT1 Jezebel Reactor
NT1 Juno Reactor
NT1 Kahter Reactor
NT1 KAPL Reactor
NT1 KBR-1 Reactor
NT1 Kritz Reactor
NT1 KUCA Reactor
NT1 LPTF Reactor
NT1 Manhattan College Reactor
NT1 Marius Reactor
NT1 Masurca Reactor
NT1 Minerve Reactor
NT1 NASA-ZPR-1 Reactor
NT1 NASA-ZPR-2 Reactor
NT1 NCA Reactor
NT1 Neptune Reactor
NT1 Nero Reactor
NT1 NSF-RFP Reactor
NT1 OCF Reactor
NT1 OR-CEF Reactor
NT1 ORNL-PCA Reactor
NT1 PARKA Reactor
NT1 PDP Reactor
NT1 Peggy Reactor
NT1 Pelinduna Reactor
NT1 Plasma Core Assembly
NT1 PRCF Reactor

NT1 Proserpine Reactor
NT1 PTF-UNC Reactor
NT1 Purnima Reactor
NT1 R-B Reactor
NT1 R-0 Reactor
NT1 RA-0 Reactor
NT1 RA-2 Reactor
NT1 RAKE-2 Reactor
NT1 RB-1 Reactor
NT1 RB-3 Reactor
NT1 Rensselaer Critical Facility
NT1 RITMO Reactor
NT1 ROSPO Reactor
NT1 RRR Reactor
NT1 SAREF Reactor
NT1 SHCA Reactor
NT1 Siloette Reactor
NT1 SNEAK Reactor
NT1 Split Table Reactor
NT1 SR-0F Reactor
NT1 SR-OA Reactor
NT1 TCA Reactor
NT1 Thermionic Reactor Critical Experiments
NT1 TR-0 Reactor
NT1 VERA Reactor
NT1 ZEBRA Reactor
NT1 ZEEP Reactor
NT1 Zenith Reactor
NT1 Zephyr Reactor
NT1 Zerlina Reactor
NT1 ZETR Reactor
NT1 ZEUS Reactor
NT1 ZPPR Reactor
NT1 ZPR Reactor
NT1 ZPR-3 Reactor
NT1 ZPR-6 Reactor
NT1 ZPR-9 Reactor
RT Reactor Lattices

ZERO-RANGE APPROXIMATION [01]
RT Elastic Scattering
RT Finite-Range Interactions
RT Nuclear Reaction Kinetics

ZERO SOUND [01]
RT Sound Waves
RT Superfluidity
RT Wave Propagation

Zet Pinch
USE Longitudinal Pinch

ZETA DEVICES [01]
BT1 TLP Devices
BT2 Toroidal Pinch Devices
BT3 Closed Plasma Devices
BT4 Thermonuclear Devices
BT3 Pinch Devices
BT4 Thermonuclear Devices

ZETR REACTOR [01]
UF *Zero Energy Thermal Reactor*
BT1 Aqueous Homogeneous Reactors
BT2 Liquid Homogeneous Reactors
BT3 Fluid Fueled Reactors
BT4 Reactors
BT3 Homogeneous Reactors
BT4 Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Plutonium Reactors

ZEUNERITE [01]
BT1 Arsenic Oxides
BT2 Arsenic Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Calcium Oxides
BT2 Calcium Compounds
BT3 Alkaline Earth Metal Compounds
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT1 Uranium Minerals
BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Oxides
BT2 Oxides
BT3 Chalcogenides
BT3 Oxygen Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

ZEUS REACTOR [01]
UF *Zero Energy Uranium System-Zeus*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Natural Uranium Reactors
BT2 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZFK ROSSENDORF [01]
DA April 1977
BT1 German DR Organizations
BT2 National Organizations

ZGS [01]
UF *Argonne ZGS*
UF *Zero Gradient Synchrotron*
BT1 Synchrotrons
BT2 Cyclic Accelerators
BT3 Accelerators

ZHURAVLEV PROCESS
DA January 1975
BT1 Coal Gasification
BT2 Gasification
BT3 Thermochemical Processes

ZIEGLER CATALYST [01]
BT1 Catalysts
RT Catalysis

ZIMMER-1 REACTOR [01]
UF *William H. Zimmer-1 Reactor*
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ZIMMER-2 REACTOR
DA May 1975
BT1 BWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors

ZINC [01]
BT1 Metals
BT2 Elements

ZINC 57 [01]
DA June 1976
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 60 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 61 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 62 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 63 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 64 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zinc Isotopes

ZINC 65 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 66 [01]
BT1 Even-Even Nuclei

BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zinc Isotopes

ZINC 67 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zinc Isotopes

ZINC 68 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zinc Isotopes

ZINC 69 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 70 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zinc Isotopes

ZINC 71 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 72 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 73 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 74 [01]
DA February 1975
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zinc Isotopes

ZINC 75 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 76 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 77 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 78 [01]
DA April 1975
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC 79 [01]
DA July 1976
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zinc Isotopes

ZINC ADDITIONS [01]
BT1 Zinc Alloys
BT2 Alloys
NT1 Nickeline Alloy

ZINC-AIR BATTERIES
DA January 1975
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

ZINC ALLOYS [01]
BT1 Alloys
NT1 Alloy-1915
NT1 Brass
NT2 Brass-Alpha
NT2 Brass-Beta
NT1 German Silver
NT1 Lynite
NT1 Magnesium Alloy-AZ31B
NT1 Magnesium Alloy-EZ
NT1 Magnesium Alloy-ZR
NT1 Muntz Metal
NT1 Ounce Metal
NT1 Zinc Additions
NT2 Nickeline Alloy
NT1 Zinc Base Alloys
NT2 Zamak

ZINC ARSENIDES [01]
DA June 1975
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Zinc Compounds

ZINC BASE ALLOYS [01]
BT1 Zinc Alloys
BT2 Alloys
NT1 Zamak

ZINC BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Zinc Compounds

ZINC BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zinc Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Zinc Compounds

ZINC-BROMINE BATTERIES
DA February 1979
BT1 Metal-Nonmetal Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

ZINC CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Zinc Compounds

ZINC CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Zinc Compounds

ZINC CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zinc Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Zinc Compounds

ZINC-CHLORINE BATTERIES
DA January 1975
BT1 Metal-Gas Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

ZINC COMPLEXES [01]
BT1 Complexes

ZINC COMPOUNDS [01]
NT1 Zinc Arsenides

NT1 Zinc Borides
NT1 Zinc Carbides
NT1 Zinc Carbonates
NT1 Zinc Halides
NT2 Zinc Bromides
NT2 Zinc Chlorides
NT2 Zinc Fluorides
NT2 Zinc Iodides
NT1 Zinc Hydrides
NT1 Zinc Hydroxides
NT1 Zinc Nitrates
NT1 Zinc Nitrides
NT1 Zinc Oxides
NT1 Zinc Perchlorates
NT1 Zinc Phosphates
NT1 Zinc Phosphides
NT1 Zinc Selenides
NT1 Zinc Silicates
NT1 Zinc Silicides
NT1 Zinc Sulfates
NT1 Zinc Sulfides
NT1 Zinc Tellurides
NT1 Zincates

ZINC FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zinc Halides
BT2 Halides
BT3 Halogen Compounds
BT2 Zinc Compounds

ZINC HALIDE PROCESS
DA July 1976
BT1 Coal Liquefaction
BT2 Liquefaction
BT3 Thermochemical Processes
RT Hydrocracking
RT Hydrogenation
DEF *Conoco Coal Development* Company process using zinc halide catalyst for the hydrogenation and hydrocracking of coal extract and of subbituminous coal.

ZINC HALIDES
DA February 1975
BT1 Halides
BT2 Halogen Compounds
BT1 Zinc Compounds
NT1 Zinc Bromides
NT1 Zinc Chlorides
NT1 Zinc Fluorides
NT1 Zinc Iodides

ZINC HYDRIDES [01]
DA January 1975
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Zinc Compounds

ZINC HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Zinc Compounds

ZINC IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds
BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Zinc Halides
BT2 Halides
BT3 Halogen Compounds
BT2 *Zinc Compounds*

ZINC IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ZINC ISOTOPES [01]
NT1 Zinc 57
NT1 Zinc 60
NT1 Zinc 61
NT1 Zinc 62
NT1 Zinc 63
NT1 Zinc 64
NT1 Zinc 65
NT1 Zinc 66
NT1 Zinc 67
NT1 Zinc 68
NT1 Zinc 69
NT1 Zinc 70
NT1 Zinc 71
NT1 Zinc 72
NT1 Zinc 73
NT1 Zinc 74
NT1 Zinc 75
NT1 Zinc 76
NT1 Zinc 77
NT1 Zinc 78
NT1 Zinc 79

ZINC-MANGANESE BATTERIES
DA January 1975
BT1 Metal-Metal Oxide Batteries
BT2 Electric Batteries
BT3 Electrochemical Cells
BT3 Energy Storage Systems

ZINC NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Zinc Compounds

ZINC NITRIDES
DA January 1975
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Zinc Compounds

ZINC ORES [01]
BT1 Ores

ZINC OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Zinc Compounds

ZINC PERCHLORATES
DA January 1975
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Zinc Compounds

ZINC PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Zinc Compounds

ZINC PHOSPHIDES [01]
DA December 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Zinc Compounds

ZINC 68 REACTIONS [01]
DA April 1976
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

ZINC 70 REACTIONS [01]
DA May 1978
BT1 Heavy Ion Reactions
BT2 Charged-Particle Reactions
BT3 Nuclear Reactions

ZINC SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Zinc Compounds

ZINC SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Zinc Compounds

ZINC SILICIDES
DA June 1975
BT1 Silicides
BT2 Silicon Compounds
BT1 Zinc Compounds

ZINC SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Zinc Compounds

ZINC SULFIDES [01]
BT1 Inorganic Phosphors
BT2 Phosphors
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Zinc Compounds
RT Sphalerite

ZINC 64 TARGET [01]
DA July 1976
BT1 Targets

ZINC 66 TARGET [01]
DA July 1976
BT1 Targets

ZINC 67 TARGET [01]
DA July 1976
BT1 Targets

ZINC 68 TARGET [01]
DA July 1976
BT1 Targets

ZINC 70 TARGET [01]
DA July 1976
BT1 Targets

ZINC TELLURIDES [01]
DA January 1975
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Zinc Compounds

ZINCATES
DA March 1976
BT1 *Zinc Compounds*

ZION-1 REACTOR [01]
UF *Zion Station Unit-1*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ZION-2 REACTOR [01]
UF *Zion Station Unit-2*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

Zion Station Unit-1
USE Zion-1 Reactor

Zion Station Unit-2
USE Zion-2 Reactor

ZIPPEITE [01]
BT1 Uranium Minerals

BT2 Radioactive Minerals
BT3 Minerals
BT3 Radioactive Materials
BT1 Uranium Sulfates
BT2 Sulfates
BT3 Oxygen Compounds
BT3 Sulfur Compounds
BT2 Uranium Compounds
BT3 Actinide Compounds

ZIRCALOY [01]
(For unspecified Zircaloy alloys.)
BT1 Tin Alloys
BT2 Alloys
BT1 Zirconium Base Alloys
BT2 Zirconium Alloys
BT3 Alloys
NT1 Zircaloy 2
NT1 Zircaloy 4

ZIRCALOY 2 [01]
BT1 Chromium Additions
BT2 Chromium Alloys
BT3 Alloys
BT1 Iron Additions
BT2 Iron Alloys
BT3 Alloys
BT1 Zircaloy
BT2 Tin Alloys
BT3 Alloys
BT2 Zirconium Base Alloys
BT3 Zirconium Alloys
BT4 Alloys

ZIRCALOY 4 [01]
BT1 Zircaloy
BT2 Tin Alloys
BT3 Alloys
BT2 Zirconium Base Alloys
BT3 Zirconium Alloys
BT4 Alloys

ZIRCEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

ZIRCON [01]
BT1 Zirconium Silicates
BT2 Silicates
BT3 Oxygen Compounds
BT3 Silicon Compounds
BT2 Zirconium Compounds
BT3 Transition Element Compounds
RT Caldasite

ZIRCONATES [01]
(Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.)
BT1 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds
RT Zirconium Oxides

ZIRCONIUM [01]
BT1 Transition Elements
BT2 Metals
BT3 Elements
NT1 Zirconium-Alpha
NT1 Zirconium-Beta
NT1 Zirconium-Omega

ZIRCONIUM 80 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 81 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 82 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 83 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 84 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 85 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 86 [01]
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 87 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 88 [01]
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 89 [01]
BT1 Beta-Plus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Electron Capture Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Minutes Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 90 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Isomeric Transition Isotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 91 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 92 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 93 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Years Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 94 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 95 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Days Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 96 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Stable Isotopes
BT2 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 97 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Hours Living Radioisotopes
BT2 Radioisotopes

BT3 Isotopes
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 98 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Seconds Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 99 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 100 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 101 [01]
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 102 [01]
BT1 Beta-Minus Decay Radioisotopes
BT2 Beta Decay Radioisotopes
BT3 Radioisotopes
BT4 Isotopes
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 103 [01]
DA January 1975
BT1 Even-Odd Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Millisec Living Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
BT1 Zirconium Isotopes

ZIRCONIUM 104 [01]
BT1 Even-Even Nuclei
BT2 Nuclei
BT1 Intermediate Mass Nuclei
BT2 Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM ADDITIONS [01]
BT1 Zirconium Alloys
BT2 Alloys
NT1 Alloy-1915
NT1 Alloy-IN-100
NT1 Alloy-IN-102
NT1 Alloy-N-9M
NT1 Alloy-N-10M
NT1 Alloy SU31
NT1 Alloy-TSM6
NT1 Alloy-VM-1
NT1 Alloy-Zm-2A
NT1 Magnesium Alloy-EK
NT1 Magnesium Alloy-EZ
NT1 Magnesium Alloy-HK31A
NT1 Nimonic PE16
NT1 Rene 95
NT1 Steel-Vzh102

ZIRCONIUM ALLOYS [01]
BT1 Alloys
NT1 Alloy-B-66
NT1 Alloy-C-103
NT1 Alloy-CB-1
NT1 Alloy-CB-752
NT1 Alloy-FS-85
NT1 Alloy-TZC
NT1 Alloy-TZM
NT1 Alloy-VN-3
NT1 Alloy-VT9
NT1 Alloy-VT15
NT1 Alloy-VT20
NT1 Alloy-Vus-6
NT1 Mulberry Alloy
NT1 Transage 117
NT1 Transage 120
NT1 Transage 134
NT1 Vanstar 7
NT1 Zirconium Additions
NT2 Alloy-1915
NT2 Alloy-IN-100
NT2 Alloy-IN-102
NT2 Alloy-N-9M
NT2 Alloy-N-10M
NT2 Alloy SU31
NT2 Alloy-TSM6
NT2 Alloy-VM-1
NT2 Alloy-Zm-2A
NT2 Magnesium Alloy-EK
NT2 Magnesium Alloy-EZ
NT2 Magnesium Alloy-HK31A
NT2 Nimonic PE16
NT2 Rene 95
NT2 Steel-Vzh102
NT1 Zirconium Base Alloys
NT2 Transage 129
NT2 Zircaloy
NT3 Zircaloy 2
NT3 Zircaloy 4

ZIRCONIUM-ALPHA [01]
BT1 Zirconium
BT2 Transition Elements
BT3 Metals
BT4 Elements

ZIRCONIUM ARSENIDES [01]
DA December 1976
BT1 Arsenides
BT2 Arsenic Compounds
BT2 Pnictides
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM BASE ALLOYS [01]
BT1 Zirconium Alloys
BT2 Alloys
NT1 Transage 129
NT1 Zircaloy
NT2 Zircaloy 2
NT2 Zircaloy 4

ZIRCONIUM-BETA [01]
BT1 Zirconium
BT2 Transition Elements
BT3 Metals
BT4 Elements

ZIRCONIUM BORIDES [01]
BT1 Borides
BT2 Boron Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM BROMIDES [01]
BT1 Bromides
BT2 Bromine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM CARBIDES [01]
BT1 Carbides
BT2 Carbon Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM CARBONATES [01]
BT1 Carbonates
BT2 Carbon Compounds
BT2 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM CHLORIDES [01]
BT1 Chlorides
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM COMPLEXES [01]
BT1 Transition Element Complexes
BT2 Complexes

ZIRCONIUM COMPOUNDS [01]
BT1 Transition Element Compounds
NT1 Zirconates
NT1 Zirconium Arsenides
NT1 Zirconium Borides
NT1 Zirconium Bromides
NT1 Zirconium Carbides
NT1 Zirconium Carbonates
NT1 Zirconium Chlorides
NT1 Zirconium Fluorides
NT1 Zirconium Hydrides
NT1 Zirconium Hydroxides
NT1 Zirconium Iodides
NT1 Zirconium Nitrates
NT1 Zirconium Nitrides
NT1 Zirconium Oxides
NT2 Baddeleyite
NT2 Marignacite
NT2 Naegite
NT2 Nogizawalite
NT1 Zirconium Perchlorates
NT1 Zirconium Phosphates
NT1 Zirconium Phosphides
NT1 Zirconium Selenides
NT1 Zirconium Silicates
NT2 Alvite
NT2 Catapleite
NT2 Elpidite
NT2 Eudialyte
NT2 Lavenite
NT2 Lovozerite
NT2 Mesodialyte
NT2 Zircon
NT1 Zirconium Silicides
NT1 Zirconium Sulfates
NT1 Zirconium Sulfides
NT1 Zirconium Tellurides
NT1 Zirconium Tungstates

ZIRCONIUM FLUORIDES [01]
BT1 Fluorides
BT2 Fluorine Compounds
BT3 Halogen Compounds
BT2 Halides
BT3 Halogen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM HYDRIDES [01]
BT1 Hydrides
BT2 Hydrogen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds
RT Hydride Moderators

ZIRCONIUM HYDROXIDES [01]
BT1 Hydroxides
BT2 Hydrogen Compounds
BT2 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM IODIDES [01]
BT1 Iodides
BT2 Halides
BT3 Halogen Compounds

BT2 Iodine Compounds
BT3 Halogen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM IONS [01]
BT1 Atomic Ions
BT2 Ions
BT3 Charged Particles

ZIRCONIUM ISOTOPES [01]
NT1 Zirconium 80
NT1 Zirconium 81
NT1 Zirconium 82
NT1 Zirconium 83
NT1 Zirconium 84
NT1 Zirconium 85
NT1 Zirconium 86
NT1 Zirconium 87
NT1 Zirconium 88
NT1 Zirconium 89
NT1 Zirconium 90
NT1 Zirconium 91
NT1 Zirconium 92
NT1 Zirconium 93
NT1 Zirconium 94
NT1 Zirconium 95
NT1 Zirconium 96
NT1 Zirconium 97
NT1 Zirconium 98
NT1 Zirconium 99
NT1 Zirconium 100
NT1 Zirconium 101
NT1 Zirconium 102
NT1 Zirconium 103
NT1 Zirconium 104

ZIRCONIUM NITRATES [01]
BT1 Nitrates
BT2 Nitrogen Compounds
BT2 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM NITRIDES [01]
BT1 Nitrides
BT2 Nitrogen Compounds
BT2 Pnictides
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM-OMEGA [01]
BT1 Zirconium
BT2 Transition Elements
BT3 Metals
BT4 Elements

ZIRCONIUM ORES
DA April 1975
BT1 Ores

ZIRCONIUM OXIDES [01]
BT1 Oxides
BT2 Chalcogenides
BT2 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds
NT1 Baddeleyite
NT1 Marignacite
NT1 Naegite
NT1 Nogizawalite
RT Zirconates

ZIRCONIUM PERCHLORATES
DA March 1978
BT1 Perchlorates
BT2 Chlorine Compounds
BT3 Halogen Compounds
BT2 Oxygen Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM PHOSPHATES [01]
BT1 Phosphates
BT2 Oxygen Compounds
BT2 Phosphorus Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM PHOSPHIDES [01]
DA February 1975
BT1 Phosphides
BT2 Phosphorus Compounds
BT2 Pnictides
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM SELENIDES [01]
DA January 1975
BT1 Selenides
BT2 Chalcogenides
BT2 Selenium Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM SILICATES [01]
BT1 Silicates
BT2 Oxygen Compounds
BT2 Silicon Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds
NT1 Alvite
NT1 Catapleite
NT1 Elpidite
NT1 Eudialyte
NT1 Lavenite
NT1 Lovozerite
NT1 Mesodialyte
NT1 Zircon

ZIRCONIUM SILICIDES [01]
DA January 1975
BT1 Silicides
BT2 Silicon Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM SULFATES [01]
BT1 Sulfates
BT2 Oxygen Compounds
BT2 Sulfur Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM SULFIDES [01]
BT1 Sulfides
BT2 Chalcogenides
BT2 Sulfur Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM 90 TARGET [01]
DA July 1976
BT1 Targets

ZIRCONIUM 91 TARGET [01]
DA July 1976
BT1 Targets

ZIRCONIUM 92 TARGET [01]
DA July 1976
BT1 Targets

ZIRCONIUM 94 TARGET [01]
DA July 1976
BT1 Targets

ZIRCONIUM 96 TARGET [01]
DA July 1976
BT1 Targets

ZIRCONIUM TELLURIDES [01]
DA December 1976
BT1 Tellurides
BT2 Chalcogenides
BT2 Tellurium Compounds
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRCONIUM TUNGSTATES [01]
DA January 1975
BT1 Tungstates
BT1 Zirconium Compounds
BT2 Transition Element Compounds

ZIRFLEX PROCESS [01]
BT1 Reprocessing
BT2 Separation Processes
RT Solvent Extraction

ZITTERBEWEGUNG [01]
RT Quantum Mechanics

ZODIACAL LIGHT [01]
UF *Gegenschein*
UF *Light (Zodiacal)*
BT1 Electromagnetic Radiation
BT2 Radiations
RT Interplanetary Space
RT Solar Radiation

Zoe Reactor
USE EL-1 Reactor

ZONE MELTING [01]
UF *Floating Zone Techniques*
BT1 Melting
BT2 Phase Transformations
RT Crystal Growth

ZONE REFINING [01]
BT1 Refining
BT2 Processing
BT1 Separation Processes
RT Crystallization
RT Metallurgy
RT Reprocessing

ZONES [01]
NT1 Brillouin Zones
NT1 Guinier-Preston Zones

Zones (Auroral)
USE Auroral Zones

ZOOLOGY [01]
BT1 Biology

ZOOPLANKTON
DA January 1977
BT1 Plankton
BT2 Aquatic Organisms
RT Copepods
RT Crustaceans
RT Daphnia
RT Protozoa

ZORITA-1 REACTOR [01]
UF *Central Nuclear De Zorita-1*
UF *Jose Cabrera Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Power Reactors
BT2 Reactors
BT1 PWR Type Reactors
BT2 Water Cooled Reactors
BT3 Reactors
BT2 Water Moderated Reactors
BT3 Reactors
BT1 Thermal Reactors
BT2 Reactors

ZPPR REACTOR [01]
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Research Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZPR-1 NASA
USE NASA-ZPR-1 Reactor

ZPR-2 NASA
USE NASA-ZPR-2 Reactor

ZPR REACTOR [01]
UF *Cornell University Zero Power Reactor*
BT1 Enriched Uranium Reactors
BT2 Reactors
BT1 Tank Type Reactors
BT2 Reactors
BT1 Thermal Reactors
BT2 Reactors
BT1 Training Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors

BT3 Research and Test Reactors
BT4 Reactors

ZPR-3 REACTOR [01]
(Variously fuelled, unmoderated, uncooled.)
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZPR-6 REACTOR [01]
(Variously fuelled, unmoderated, uncooled.)
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors

ZPR-9 REACTOR [01]
(Uncooled.)
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Zero Power Reactors
BT2 Experimental Reactors
BT3 Research and Test Reactors
BT4 Reactors
RT Breeder Reactors
RT Propulsion Reactors

ZR-6 Reactor
DA July 1975
USE WWR-S-Budapest Reactor

Z*RESONANCES [01]
BT1 Baryon Resonances
BT2 Baryons
BT3 Fermions
BT3 Hadrons
BT4 Elementary Particles
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles
BT1 Exotic Resonances
BT2 Resonance Particles
BT3 Hadrons
BT4 Elementary Particles

ZRR REACTOR [01]
BT1 Experimental Reactors
BT2 Research and Test Reactors
BT3 Reactors
BT1 Fast Reactors
BT2 Epithermal Reactors
BT3 Reactors
BT1 Sodium Cooled Reactors
BT2 Liquid Metal Cooled Reactors
BT3 Reactors

ZT-40 DEVICES [01]
DA January 1978
RT Reverse-Field Pinch

ZYGOTES
DA February 1976
RT Fertilization
RT Gametes
RT Ontogenesis
RT Reproduction

ZYMOSAN [01]
RT Polysaccharides
RT Properdin
RT Yeasts

DOE APPENDIX

ALPHA DECAY RADIOISOTOPES [01]
BT1 Radioisotopes
BT2 Isotopes
NT1 Actinium 212
NT1 Actinium 213
NT1 Actinium 217
NT1 Actinium 220
NT1 Actinium 221
NT1 Actinium 222
NT1 Actinium 223
NT1 Actinium 224
NT1 Actinium 225
NT1 Actinium 227
NT1 Americium 237
NT1 Americium 239
NT1 Americium 241
NT1 Americium 242
NT1 Americium 243
NT1 Astatine 201
NT1 Astatine 202
NT1 Astatine 203
NT1 Astatine 204
NT1 Astatine 205
NT1 Astatine 206
NT1 Astatine 207
NT1 Astatine 208
NT1 Astatine 209
NT1 Astatine 210
NT1 Astatine 211
NT1 Astatine 212
NT1 Astatine 213
NT1 Astatine 214
NT1 Astatine 215
NT1 Astatine 216
NT1 Astatine 217
NT1 Astatine 218
NT1 Astatine 219
NT1 Berkelium 243
NT1 Berkelium 244
NT1 Berkelium 245
NT1 Berkelium 247
NT1 Berkelium 249
NT1 Beryllium 8
NT1 Bismuth 189
NT1 Bismuth 190
NT1 Bismuth 191
NT1 Bismuth 192
NT1 Bismuth 193
NT1 Bismuth 194
NT1 Bismuth 195
NT1 Bismuth 196
NT1 Bismuth 199
NT1 Bismuth 201
NT1 Bismuth 203
NT1 Bismuth 210
NT1 Bismuth 211
NT1 Bismuth 212
NT1 Bismuth 213
NT1 Bismuth 214
NT1 Boron 9
NT1 Californium 244
NT1 Californium 245
NT1 Californium 246
NT1 Californium 248
NT1 Californium 249
NT1 Californium 250
NT1 Californium 251
NT1 Californium 252
NT1 Curium 238
NT1 Curium 240
NT1 Curium 241
NT1 Curium 242
NT1 Curium 243
NT1 Curium 244
NT1 Curium 245
NT1 Curium 246
NT1 Curium 247
NT1 Curium 248
NT1 Dysprosium 150
NT1 Dysprosium 151
NT1 Dysprosium 152
NT1 Dysprosium 153
NT1 Dysprosium 154
NT1 Einsteinium 243
NT1 Einsteinium 244
NT1 Einsteinium 246
NT1 Einsteinium 248
NT1 Einsteinium 249
NT1 Einsteinium 251
NT1 Einsteinium 252
NT1 Einsteinium 253
NT1 Einsteinium 254
NT1 Europium 147
NT1 Fermium 248
NT1 Fermium 249
NT1 Fermium 250
NT1 Fermium 251
NT1 Fermium 252
NT1 Fermium 253
NT1 Fermium 254
NT1 Fermium 255
NT1 Francium 203
NT1 Francium 204
NT1 Francium 212
NT1 Francium 214
NT1 Francium 217
NT1 Francium 218
NT1 Francium 219
NT1 Francium 220
NT1 Francium 221
NT1 Francium 222
NT1 Francium 223
NT1 Gadolinium 148
NT1 Gadolinium 149
NT1 Gadolinium 150
NT1 Gadolinium 152
NT1 Gold 175
NT1 Gold 176
NT1 Gold 177
NT1 Gold 178
NT1 Gold 179
NT1 Gold 181
NT1 Gold 183
NT1 Gold 188
NT1 Hafnium 157
NT1 Hafnium 158
NT1 Hafnium 159
NT1 Hafnium 174
NT1 Helium 5
NT1 Holmium 151
NT1 Holmium 152
NT1 Holmium 153
NT1 Holmium 154
NT1 Holmium 155
NT1 Iridium 168
NT1 Iridium 169
NT1 Iridium 170
NT1 Lawrencium 255
NT1 Lawrencium 256
NT1 Lawrencium 257
NT1 Lawrencium 258
NT1 Lawrencium 259
NT1 Lead 185
NT1 Lead 186
NT1 Lead 187
NT1 Lead 188
NT1 Lead 189
NT1 Lead 190
NT1 Lead 191
NT1 Lead 204
NT1 Lead 210
NT1 Lithium 5
NT1 Lutetium 155
NT1 Lutetium 156
NT1 Lutetium 157
NT1 Mendelevium 248
NT1 Mendelevium 249
NT1 Mendelevium 251
NT1 Mendelevium 255
NT1 Mercury 177
NT1 Mercury 178
NT1 Neodymium 144
NT1 Neptunium 231
NT1 Neptunium 233
NT1 Neptunium 235
NT1 Neptunium 237
NT1 Nobelium 253
NT1 Nobelium 254
NT1 Nobelium 255
NT1 Nobelium 259
NT1 Nobelium 260
NT1 Osmium 165
NT1 Osmium 166
NT1 Osmium 167
NT1 Osmium 168
NT1 Platinum 173
NT1 Platinum 174
NT1 Platinum 175
NT1 Platinum 177
NT1 Platinum 190
NT1 Platinum 192
NT1 Plutonium 232
NT1 Plutonium 233
NT1 Plutonium 234
NT1 Plutonium 235
NT1 Plutonium 236
NT1 Plutonium 237
NT1 Plutonium 238
NT1 Plutonium 239
NT1 Plutonium 240
NT1 Plutonium 241
NT1 Plutonium 242
NT1 Plutonium 244
NT1 Polonium 192
NT1 Polonium 193
NT1 Polonium 194
NT1 Polonium 195
NT1 Polonium 196
NT1 Polonium 197
NT1 Polonium 198
NT1 Polonium 199
NT1 Polonium 200
NT1 Polonium 201
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NT1 Polonium 211
NT1 Polonium 212
NT1 Polonium 213
NT1 Polonium 214
NT1 Polonium 215
NT1 Polonium 216
NT1 Polonium 217
NT1 Polonium 218
NT1 Protactinium 216
NT1 Protactinium 217
NT1 Protactinium 218
NT1 Protactinium 224
NT1 Protactinium 225
NT1 Protactinium 226
NT1 Protactinium 227
NT1 Protactinium 228

NT1 Protactinium 229
NT1 Protactinium 230
NT1 Protactinium 231
NT1 Radium 206
NT1 Radium 207
NT1 Radium 208
NT1 Radium 209
NT1 Radium 210
NT1 Radium 211
NT1 Radium 212
NT1 Radium 213
NT1 Radium 215
NT1 Radium 219
NT1 Radium 220
NT1 Radium 221
NT1 Radium 222
NT1 Radium 223
NT1 Radium 224
NT1 Radium 226
NT1 Radon 204
NT1 Radon 206
NT1 Radon 207
NT1 Radon 208
NT1 Radon 209
NT1 Radon 210
NT1 Radon 211
NT1 Radon 212
NT1 Radon 213
NT1 Radon 215
NT1 Radon 216
NT1 Radon 217
NT1 Radon 218
NT1 Radon 219
NT1 Radon 220
NT1 Radon 221
NT1 Radon 222
NT1 Rhenium 166
NT1 Rhenium 167
NT1 Rhenium 168
NT1 Rhenium 169
NT1 Samarium 146
NT1 Samarium 147
NT1 Terbium 149
NT1 Terbium 151
NT1 Terbium 152
NT1 Thorium 223
NT1 Thorium 224
NT1 Thorium 225
NT1 Thorium 226
NT1 Thorium 227
NT1 Thorium 228
NT1 Thorium 229
NT1 Thorium 230
NT1 Thorium 232
NT1 Thulium 153
NT1 Thulium 155
NT1 Thulium 156
NT1 Tungsten 162
NT1 Tungsten 163
NT1 Tungsten 164
NT1 Tungsten 165
NT1 Tungsten 166
NT1 Uranium 226
NT1 Uranium 227
NT1 Uranium 228
NT1 Uranium 229
NT1 Uranium 230
NT1 Uranium 231
NT1 Uranium 232
NT1 Uranium 233
NT1 Uranium 234
NT1 Uranium 235
NT1 Uranium 236
NT1 Uranium 238
NT1 Xenon 112
NT1 Ytterbium 154
NT1 Ytterbium 155
NT1 Ytterbium 156
NT1 Ytterbium 157
RT Alpha Decay

BETA-MINUS DECAY RADIOISOTOPES [01]
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
NT1 Actinium 226
NT1 Actinium 227
NT1 Actinium 228
NT1 Actinium 229
NT1 Actinium 230
NT1 Actinium 231
NT1 Actinium 232
NT1 Aluminium 28
NT1 Aluminium 29
NT1 Aluminium 30
NT1 Aluminium 31
NT1 Americium 242
NT1 Americium 244
NT1 Americium 245
NT1 Americium 246
NT1 Americium 247
NT1 Antimony 122
NT1 Antimony 124
NT1 Antimony 125
NT1 Antimony 126
NT1 Antimony 127
NT1 Antimony 128
NT1 Antimony 129
NT1 Antimony 130
NT1 Antimony 131
NT1 Antimony 132
NT1 Antimony 133
NT1 Antimony 134
NT1 Antimony 135
NT1 Antimony 136
NT1 Argon 39
NT1 Argon 41
NT1 Argon 42
NT1 Argon 43
NT1 Argon 44
NT1 Argon 46
NT1 Arsenic 74
NT1 Arsenic 76
NT1 Arsenic 77
NT1 Arsenic 78
NT1 Arsenic 79
NT1 Arsenic 80
NT1 Arsenic 81
NT1 Arsenic 82
NT1 Arsenic 83
NT1 Arsenic 84
NT1 Arsenic 85
NT1 Arsenic 86
NT1 Arsenic 87
NT1 Astatine 219
NT1 Barium 139
NT1 Barium 140
NT1 Barium 141
NT1 Barium 142
NT1 Barium 143
NT1 Barium 144
NT1 Barium 145
NT1 Barium 146
NT1 Barium 147
NT1 Barium 149
NT1 Berkelium 248
NT1 Berkelium 249
NT1 Berkelium 250
NT1 Beryllium 10
NT1 Beryllium 11
NT1 Beryllium 12
NT1 Beryllium 14
NT1 Bismuth 210
NT1 Bismuth 211
NT1 Bismuth 212
NT1 Bismuth 213
NT1 Bismuth 214
NT1 Bismuth 215
NT1 Boron 12
NT1 Boron 13
NT1 Boron 14
NT1 Boron 16
NT1 Boron 17
NT1 Boron 19
NT1 Bromine 80
NT1 Bromine 82
NT1 Bromine 83
NT1 Bromine 84
NT1 Bromine 85
NT1 Bromine 86
NT1 Bromine 87
NT1 Bromine 88
NT1 Bromine 89
NT1 Bromine 90
NT1 Bromine 91
NT1 Bromine 92
NT1 Cadmium 113
NT1 Cadmium 115
NT1 Cadmium 117
NT1 Cadmium 118
NT1 Cadmium 119
NT1 Cadmium 120
NT1 Cadmium 121
NT1 Cadmium 122
NT1 Cadmium 123
NT1 Cadmium 124
NT1 Cadmium 125
NT1 Cadmium 126
NT1 Cadmium 127
NT1 Cadmium 128
NT1 Calcium 45
NT1 Calcium 47
NT1 Calcium 49
NT1 Calcium 52
NT1 Californium 253
NT1 Californium 255
NT1 Carbon 14
NT1 Carbon 15
NT1 Carbon 16
NT1 Cerium 132
NT1 Cerium 141
NT1 Cerium 143
NT1 Cerium 144
NT1 Cerium 145
NT1 Cerium 146
NT1 Cerium 147
NT1 Cerium 148
NT1 Cerium 149
NT1 Cerium 151
NT1 Cesium 130
NT1 Cesium 134
NT1 Cesium 135
NT1 Cesium 136
NT1 Cesium 137
NT1 Cesium 138
NT1 Cesium 139
NT1 Cesium 140
NT1 Cesium 141
NT1 Cesium 142
NT1 Cesium 143
NT1 Cesium 144
NT1 Cesium 145
NT1 Cesium 146
NT1 Cesium 147
NT1 Cesium 148
NT1 Chlorine 36
NT1 Chlorine 38
NT1 Chlorine 39
NT1 Chlorine 40
NT1 Chlorine 41
NT1 Chromium 55
NT1 Chromium 56
NT1 Cobalt 60
NT1 Cobalt 61
NT1 Cobalt 62
NT1 Cobalt 63
NT1 Cobalt 64
NT1 Copper 64
NT1 Copper 66
NT1 Copper 67
NT1 Copper 68
NT1 Copper 69
NT1 Copper 70
NT1 Curium 249
NT1 Curium 251
NT1 Dysprosium 165
NT1 Dysprosium 166
NT1 Dysprosium 167
NT1 Einsteinium 254
NT1 Einsteinium 255
NT1 Einsteinium 256
NT1 Erbium 169
NT1 Erbium 171
NT1 Erbium 172
NT1 Europium 150
NT1 Europium 152
NT1 Europium 154
NT1 Europium 155
NT1 Europium 156
NT1 Europium 157
NT1 Europium 158
NT1 Europium 159
NT1 Europium 160

NT1 Fluorine 20
NT1 Fluorine 21
NT1 Fluorine 22
NT1 Fluorine 23
NT1 Fluorine 24
NT1 Fluorine 25
NT1 Francium 222
NT1 Francium 223
NT1 Francium 224
NT1 Francium 225
NT1 Francium 226
NT1 Francium 228
NT1 Francium 229
NT1 Gadolinium 159
NT1 Gadolinium 161
NT1 Gallium 70
NT1 Gallium 72
NT1 Gallium 73
NT1 Gallium 74
NT1 Gallium 75
NT1 Gallium 76
NT1 Gallium 77
NT1 Gallium 78
NT1 Gallium 79
NT1 Gallium 80
NT1 Gallium 81
NT1 Gallium 82
NT1 Gallium 83
NT1 Germanium 75
NT1 Germanium 77
NT1 Germanium 78
NT1 Germanium 79
NT1 Germanium 80
NT1 Germanium 81
NT1 Germanium 82
NT1 Germanium 83
NT1 Germanium 84
NT1 Gold 196
NT1 Gold 198
NT1 Gold 199
NT1 Gold 200
NT1 Gold 201
NT1 Gold 202
NT1 Gold 203
NT1 Gold 204
NT1 Hafnium 181
NT1 Hafnium 182
NT1 Hafnium 183
NT1 Hafnium 184
NT1 Helium 6
NT1 Helium 7
NT1 Helium 8
NT1 Holmium 164
NT1 Holmium 166
NT1 Holmium 167
NT1 Holmium 168
NT1 Holmium 170
NT1 Indium 112
NT1 Indium 114
NT1 Indium 115
NT1 Indium 116
NT1 Indium 117
NT1 Indium 118
NT1 Indium 119
NT1 Indium 120
NT1 Indium 121
NT1 Indium 122
NT1 Indium 123
NT1 Indium 124
NT1 Indium 125
NT1 Indium 126
NT1 Indium 127
NT1 Indium 128
NT1 Indium 129
NT1 Indium 130
NT1 Indium 131
NT1 Indium 132
NT1 Iodine 126
NT1 Iodine 128
NT1 Iodine 129
NT1 Iodine 130
NT1 Iodine 131
NT1 Iodine 132
NT1 Iodine 133
NT1 Iodine 134
NT1 Iodine 135
NT1 Iodine 136
NT1 Iodine 137
NT1 Iodine 138
NT1 Iodine 139
NT1 Iodine 140
NT1 Iodine 141
NT1 Iridium 192
NT1 Iridium 194
NT1 Iridium 195
NT1 Iridium 196
NT1 Iridium 197
NT1 Iridium 198
NT1 Iron 59
NT1 Iron 60
NT1 Iron 61
NT1 Iron 62
NT1 Krypton 85
NT1 Krypton 87
NT1 Krypton 88
NT1 Krypton 89
NT1 Krypton 90
NT1 Krypton 91
NT1 Krypton 92
NT1 Krypton 93
NT1 Krypton 94
NT1 Krypton 95
NT1 Krypton 97
NT1 Lanthanum 138
NT1 Lanthanum 140
NT1 Lanthanum 141
NT1 Lanthanum 142
NT1 Lanthanum 143
NT1 Lanthanum 144
NT1 Lanthanum 145
NT1 Lanthanum 146
NT1 Lanthanum 147
NT1 Lanthanum 148
NT1 Lead 209
NT1 Lead 210
NT1 Lead 211
NT1 Lead 212
NT1 Lead 214
NT1 Lithium 8
NT1 Lithium 9
NT1 Lithium 11
NT1 Lithium 13
NT1 Lutetium 176
NT1 Lutetium 177
NT1 Lutetium 178
NT1 Lutetium 179
NT1 Lutetium 180
NT1 Magnesium 27
NT1 Magnesium 28
NT1 Magnesium 29
NT1 Magnesium 31
NT1 Manganese 56
NT1 Manganese 57
NT1 Manganese 58
NT1 Manganese 60
NT1 Mercury 203
NT1 Mercury 205
NT1 Mercury 206
NT1 Molybdenum 99
NT1 Molybdenum 101
NT1 Molybdenum 102
NT1 Molybdenum 103
NT1 Molybdenum 104
NT1 Molybdenum 105
NT1 Molybdenum 106
NT1 Molybdenum 107
NT1 Molybdenum 108
NT1 Neodymium 147
NT1 Neodymium 149
NT1 Neodymium 151
NT1 Neodymium 152
NT1 Neodymium 154
NT1 Neon 23
NT1 Neon 24
NT1 Neon 25
NT1 Neon 27
NT1 Neptunium 236
NT1 Neptunium 238
NT1 Neptunium 239
NT1 Neptunium 240
NT1 Neptunium 241
NT1 Neptunium 242
NT1 Neptunium 243
NT1 Nickel 63
NT1 Nickel 65
NT1 Nickel 66
NT1 Nickel 67
NT1 Niobium 94
NT1 Niobium 95
NT1 Niobium 96
NT1 Niobium 97
NT1 Niobium 98
NT1 Niobium 99
NT1 Niobium 100
NT1 Niobium 101
NT1 Niobium 102
NT1 Niobium 104
NT1 Niobium 105
NT1 Nitrogen 16
NT1 Nitrogen 17
NT1 Nitrogen 18
NT1 Nitrogen 22
NT1 Osmium 191
NT1 Osmium 193
NT1 Osmium 194
NT1 Osmium 195
NT1 Osmium 196
NT1 Oxygen 19
NT1 Oxygen 20
NT1 Oxygen 23
NT1 Palladium 107
NT1 Palladium 109
NT1 Palladium 111
NT1 Palladium 112
NT1 Palladium 113
NT1 Palladium 114
NT1 Palladium 115
NT1 Palladium 116
NT1 Palladium 117
NT1 Palladium 118
NT1 Phosphorus 32
NT1 Phosphorus 33
NT1 Phosphorus 34
NT1 Phosphorus 35
NT1 Platinum 197
NT1 Platinum 199
NT1 Platinum 200
NT1 Platinum 201
NT1 Plutonium 241
NT1 Plutonium 243
NT1 Plutonium 245
NT1 Plutonium 246
NT1 Polonium 215
NT1 Polonium 218
NT1 Potassium 40
NT1 Potassium 42
NT1 Potassium 43
NT1 Potassium 44
NT1 Potassium 45
NT1 Potassium 46
NT1 Potassium 47
NT1 Potassium 48
NT1 Potassium 49
NT1 Potassium 50
NT1 Praseodymium 142
NT1 Praseodymium 143
NT1 Praseodymium 144
NT1 Praseodymium 145
NT1 Praseodymium 146
NT1 Praseodymium 147
NT1 Praseodymium 148
NT1 Praseodymium 149
NT1 Praseodymium 150
NT1 Praseodymium 151
NT1 Promethium 146
NT1 Promethium 147
NT1 Promethium 148
NT1 Promethium 149
NT1 Promethium 150
NT1 Promethium 151
NT1 Promethium 152
NT1 Promethium 153
NT1 Promethium 154
NT1 Protactinium 230
NT1 Protactinium 232
NT1 Protactinium 233
NT1 Protactinium 234
NT1 Protactinium 235
NT1 Protactinium 236
NT1 Protactinium 237
NT1 Protactinium 238
NT1 Radium 225
NT1 Radium 227
NT1 Radium 228

NT1 Radium 229
NT1 Radium 230
NT1 Radon 221
NT1 Radon 224
NT1 Radon 225
NT1 Radon 226
NT1 Rhenium 186
NT1 Rhenium 187
NT1 Rhenium 188
NT1 Rhenium 189
NT1 Rhenium 190
NT1 Rhenium 191
NT1 Rhodium 102
NT1 Rhodium 104
NT1 Rhodium 105
NT1 Rhodium 106
NT1 Rhodium 107
NT1 Rhodium 108
NT1 Rhodium 109
NT1 Rhodium 110
NT1 Rhodium 111
NT1 Rhodium 112
NT1 Rhodium 116
NT1 Rhodium 117
NT1 Rubidium 84
NT1 Rubidium 86
NT1 Rubidium 87
NT1 Rubidium 88
NT1 Rubidium 89
NT1 Rubidium 90
NT1 Rubidium 91
NT1 Rubidium 92
NT1 Rubidium 93
NT1 Rubidium 94
NT1 Rubidium 95
NT1 Rubidium 96
NT1 Rubidium 97
NT1 Rubidium 98
NT1 Rubidium 99
NT1 Ruthenium 103
NT1 Ruthenium 105
NT1 Ruthenium 106
NT1 Ruthenium 107
NT1 Ruthenium 108
NT1 Ruthenium 110
NT1 Ruthenium 111
NT1 Ruthenium 112
NT1 Samarium 151
NT1 Samarium 153
NT1 Samarium 155
NT1 Samarium 156
NT1 Samarium 157
NT1 Scandium 46
NT1 Scandium 47
NT1 Scandium 48
NT1 Scandium 49
NT1 Scandium 50
NT1 Scandium 52
NT1 Selenium 79
NT1 Selenium 81
NT1 Selenium 83
NT1 Selenium 84
NT1 Selenium 85
NT1 Selenium 87
NT1 Selenium 89
NT1 Silicon 31
NT1 Silicon 32
NT1 Silver 108
NT1 Silver 110
NT1 Silver 111
NT1 Silver 112
NT1 Silver 113
NT1 Silver 114
NT1 Silver 115
NT1 Silver 116
NT1 Silver 117
NT1 Silver 118
NT1 Silver 119
NT1 Silver 120
NT1 Silver 121
NT1 Silver 122
NT1 Silver 123
NT1 Sodium 24
NT1 Sodium 25
NT1 Sodium 26
NT1 Sodium 27
NT1 Sodium 28
NT1 Sodium 29
NT1 Sodium 30
NT1 Sodium 31
NT1 Sodium 32
NT1 Sodium 33
NT1 Strontium 89
NT1 Strontium 90
NT1 Strontium 91
NT1 Strontium 92
NT1 Strontium 93
NT1 Strontium 94
NT1 Strontium 95
NT1 Strontium 97
NT1 Strontium 100
NT1 Sulfur 35
NT1 Sulfur 37
NT1 Sulfur 38
NT1 Tantalum 180
NT1 Tantalum 182
NT1 Tantalum 183
NT1 Tantalum 184
NT1 Tantalum 185
NT1 Tantalum 186
NT1 Technetium 98
NT1 Technetium 99
NT1 Technetium 100
NT1 Technetium 101
NT1 Technetium 102
NT1 Technetium 103
NT1 Technetium 104
NT1 Technetium 105
NT1 Technetium 109
NT1 Technetium 110
NT1 Tellurium 127
NT1 Tellurium 129
NT1 Tellurium 131
NT1 Tellurium 132
NT1 Tellurium 133
NT1 Tellurium 134
NT1 Terbium 156
NT1 Terbium 158
NT1 Terbium 160
NT1 Terbium 161
NT1 Terbium 162
NT1 Terbium 163
NT1 Terbium 164
NT1 Thallium 204
NT1 Thallium 206
NT1 Thallium 207
NT1 Thallium 208
NT1 Thallium 209
NT1 Thallium 210
NT1 Thorium 231
NT1 Thorium 233
NT1 Thorium 234
NT1 Thorium 235
NT1 Thulium 168
NT1 Thulium 170
NT1 Thulium 171
NT1 Thulium 172
NT1 Thulium 173
NT1 Thulium 174
NT1 Thulium 176
NT1 Tin 121
NT1 Tin 123
NT1 Tin 125
NT1 Tin 126
NT1 Tin 127
NT1 Tin 128
NT1 Tin 129
NT1 Tin 130
NT1 Tin 131
NT1 Tin 132
NT1 Tin 133
NT1 Titanium 51
NT1 Titanium 52
NT1 Tritium
NT1 Tungsten 185
NT1 Tungsten 187
NT1 Tungsten 188
NT1 Uranium 237
NT1 Uranium 239
NT1 Uranium 240
NT1 Uranium 242
NT1 Vanadium 52
NT1 Vanadium 53
NT1 Vanadium 54
NT1 Vanadium 55
NT1 Xenon 133
NT1 Xenon 135
NT1 Xenon 137
NT1 Xenon 138
NT1 Xenon 139
NT1 Xenon 140
NT1 Xenon 141
NT1 Xenon 142
NT1 Xenon 143
NT1 Xenon 144
NT1 Xenon 145
NT1 Ytterbium 175
NT1 Ytterbium 177
NT1 Yttrium 90
NT1 Yttrium 91
NT1 Yttrium 92
NT1 Yttrium 93
NT1 Yttrium 94
NT1 Yttrium 95
NT1 Yttrium 96
NT1 Yttrium 97
NT1 Yttrium 102
NT1 Zinc 69
NT1 Zinc 71
NT1 Zinc 72
NT1 Zinc 75
NT1 Zinc 76
NT1 Zinc 77
NT1 Zinc 78
NT1 Zinc 79
NT1 Zirconium 93
NT1 Zirconium 95
NT1 Zirconium 97
NT1 Zirconium 98
NT1 Zirconium 99
NT1 Zirconium 102
RT Beta-Minus Decay

BETA-PLUS DECAY RADIOISOTOPES [01]

BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
NT1 Aluminium 24
NT1 Aluminium 25
NT1 Aluminium 26
NT1 Antimony 112
NT1 Antimony 113
NT1 Antimony 114
NT1 Antimony 115
NT1 Antimony 116
NT1 Antimony 117
NT1 Antimony 118
NT1 Antimony 120
NT1 Argon 33
NT1 Argon 34
NT1 Argon 35
NT1 Arsenic 67
NT1 Arsenic 68
NT1 Arsenic 69
NT1 Arsenic 70
NT1 Arsenic 71
NT1 Arsenic 72
NT1 Arsenic 74
NT1 Barium 117
NT1 Barium 119
NT1 Barium 121
NT1 Barium 124
NT1 Barium 125
NT1 Barium 127
NT1 Barium 129
NT1 Bismuth 203
NT1 Bismuth 205
NT1 Bismuth 206
NT1 Bismuth 207
NT1 Boron 8
NT1 Bromine 69
NT1 Bromine 72
NT1 Bromine 73
NT1 Bromine 74
NT1 Bromine 75
NT1 Bromine 76
NT1 Bromine 77
NT1 Bromine 78
NT1 Bromine 80
NT1 Cadmium 100
NT1 Cadmium 101
NT1 Cadmium 102
NT1 Cadmium 103

NT1 Cadmium 104
NT1 Cadmium 105
NT1 Cadmium 107
NT1 Calcium 37
NT1 Calcium 38
NT1 Calcium 39
NT1 Carbon 9
NT1 Carbon 10
NT1 Carbon 11
NT1 Cerium 131
NT1 Cerium 132
NT1 Cerium 133
NT1 Cerium 135
NT1 Cesium 116
NT1 Cesium 118
NT1 Cesium 120
NT1 Cesium 121
NT1 Cesium 122
NT1 Cesium 123
NT1 Cesium 124
NT1 Cesium 125
NT1 Cesium 126
NT1 Cesium 127
NT1 Cesium 128
NT1 Cesium 130
NT1 Cesium 132
NT1 Chlorine 32
NT1 Chlorine 33
NT1 Chlorine 34
NT1 Chromium 45
NT1 Chromium 46
NT1 Chromium 49
NT1 Cobalt 53
NT1 Cobalt 54
NT1 Cobalt 55
NT1 Cobalt 56
NT1 Cobalt 58
NT1 Copper 58
NT1 Copper 59
NT1 Copper 60
NT1 Copper 61
NT1 Copper 62
NT1 Copper 64
NT1 Dysprosium 148
NT1 Dysprosium 150
NT1 Dysprosium 151
NT1 Dysprosium 152
NT1 Dysprosium 155
NT1 Dysprosium 157
NT1 Erbium 150
NT1 Erbium 156
NT1 Erbium 158
NT1 Erbium 161
NT1 Erbium 163
NT1 Europium 138
NT1 Europium 139
NT1 Europium 140
NT1 Europium 142
NT1 Europium 143
NT1 Europium 144
NT1 Europium 145
NT1 Europium 146
NT1 Europium 147
NT1 Europium 148
NT1 Europium 150
NT1 Europium 152
NT1 Europium 154
NT1 Fluorine 17
NT1 Fluorine 18
NT1 Gadolinium 142
NT1 Gadolinium 144
NT1 Gadolinium 145
NT1 Gadolinium 146
NT1 Gadolinium 147
NT1 Gallium 62
NT1 Gallium 63
NT1 Gallium 64
NT1 Gallium 65
NT1 Gallium 66
NT1 Gallium 68
NT1 Germanium 64
NT1 Germanium 65
NT1 Germanium 66
NT1 Germanium 67
NT1 Germanium 69
NT1 Gold 184
NT1 Gold 186
NT1 Gold 188
NT1 Gold 189
NT1 Gold 190
NT1 Gold 192
NT1 Gold 194
NT1 Hafnium 167
NT1 Hafnium 168
NT1 Hafnium 169
NT1 Holmium 148
NT1 Holmium 154
NT1 Holmium 155
NT1 Holmium 156
NT1 Holmium 157
NT1 Holmium 158
NT1 Holmium 160
NT1 Holmium 162
NT1 Indium 104
NT1 Indium 105
NT1 Indium 106
NT1 Indium 107
NT1 Indium 108
NT1 Indium 109
NT1 Indium 110
NT1 Indium 112
NT1 Indium 114
NT1 Iodine 115
NT1 Iodine 116
NT1 Iodine 117
NT1 Iodine 118
NT1 Iodine 119
NT1 Iodine 120
NT1 Iodine 121
NT1 Iodine 122
NT1 Iodine 124
NT1 Iodine 126
NT1 Iridium 184
NT1 Iridium 186
NT1 Iridium 188
NT1 Iridium 190
NT1 Iridium 192
NT1 Iron 52
NT1 Iron 53
NT1 Krypton 72
NT1 Krypton 73
NT1 Krypton 74
NT1 Krypton 75
NT1 Krypton 77
NT1 Krypton 79
NT1 Lanthanum 126
NT1 Lanthanum 128
NT1 Lanthanum 130
NT1 Lanthanum 131
NT1 Lanthanum 132
NT1 Lanthanum 133
NT1 Lanthanum 134
NT1 Lanthanum 135
NT1 Lanthanum 136
NT1 Lead 199
NT1 Lead 201
NT1 Lutetium 161
NT1 Lutetium 166
NT1 Lutetium 167
NT1 Lutetium 168
NT1 Lutetium 169
NT1 Lutetium 170
NT1 Magnesium 21
NT1 Magnesium 22
NT1 Magnesium 23
NT1 Manganese 50
NT1 Manganese 51
NT1 Manganese 52
NT1 Mercury 193
NT1 Molybdenum 88
NT1 Molybdenum 90
NT1 Molybdenum 91
NT1 Neodymium 129
NT1 Neodymium 131
NT1 Neodymium 132
NT1 Neodymium 133
NT1 Neodymium 134
NT1 Neodymium 135
NT1 Neodymium 136
NT1 Neodymium 138
NT1 Neodymium 139
NT1 Neodymium 141
NT1 Neon 17
NT1 Neon 18
NT1 Neon 19
NT1 Neptunium 234
NT1 Nickel 56
NT1 Nickel 57
NT1 Niobium 87
NT1 Niobium 88
NT1 Niobium 89
NT1 Niobium 90
NT1 Niobium 92
NT1 Nitrogen 12
NT1 Nitrogen 13
NT1 Osmium 181
NT1 Oxygen 13
NT1 Oxygen 14
NT1 Oxygen 15
NT1 Palladium 97
NT1 Palladium 98
NT1 Palladium 99
NT1 Palladium 101
NT1 Phosphorus 28
NT1 Phosphorus 29
NT1 Phosphorus 30
NT1 Platinum 174
NT1 Polonium 203
NT1 Polonium 207
NT1 Potassium 36
NT1 Potassium 37
NT1 Potassium 38
NT1 Potassium 40
NT1 Praseodymium 129
NT1 Praseodymium 130
NT1 Praseodymium 131
NT1 Praseodymium 132
NT1 Praseodymium 133
NT1 Praseodymium 134
NT1 Praseodymium 135
NT1 Praseodymium 136
NT1 Praseodymium 137
NT1 Praseodymium 138
NT1 Praseodymium 139
NT1 Praseodymium 140
NT1 Promethium 132
NT1 Promethium 133
NT1 Promethium 135
NT1 Promethium 136
NT1 Promethium 137
NT1 Promethium 138
NT1 Promethium 140
NT1 Promethium 141
NT1 Promethium 142
NT1 Protactinium 230
NT1 Rhenium 170
NT1 Rhenium 172
NT1 Rhenium 177
NT1 Rhenium 178
NT1 Rhenium 180
NT1 Rhenium 182
NT1 Rhodium 95
NT1 Rhodium 96
NT1 Rhodium 97
NT1 Rhodium 98
NT1 Rhodium 99
NT1 Rhodium 100
NT1 Rhodium 102
NT1 Rubidium 75
NT1 Rubidium 77
NT1 Rubidium 78
NT1 Rubidium 79
NT1 Rubidium 80
NT1 Rubidium 81
NT1 Rubidium 82
NT1 Rubidium 84
NT1 Rubidium 88
NT1 Ruthenium 93
NT1 Ruthenium 95
NT1 Samarium 133
NT1 Samarium 134
NT1 Samarium 135
NT1 Samarium 137
NT1 Samarium 138
NT1 Samarium 140
NT1 Samarium 141
NT1 Samarium 142
NT1 Samarium 143
NT1 Scandium 40
NT1 Scandium 41
NT1 Scandium 42
NT1 Scandium 43
NT1 Scandium 44
NT1 Selenium 69

NT1 Selenium 70
NT1 Selenium 71
NT1 Selenium 73
NT1 Silicon 25
NT1 Silicon 26
NT1 Silicon 27
NT1 Silver 99
NT1 Silver 100
NT1 Silver 101
NT1 Silver 102
NT1 Silver 103
NT1 Silver 104
NT1 Silver 106
NT1 Silver 108
NT1 Sodium 20
NT1 Sodium 21
NT1 Sodium 22
NT1 Strontium 77
NT1 Strontium 78
NT1 Strontium 79
NT1 Strontium 81
NT1 Strontium 83
NT1 Sulfur 29
NT1 Sulfur 30
NT1 Sulfur 31
NT1 Tantalum 168
NT1 Tantalum 169
NT1 Tantalum 172
NT1 Tantalum 173
NT1 Tantalum 174
NT1 Tantalum 175
NT1 Tantalum 177
NT1 Tantalum 178
NT1 Technetium 90
NT1 Technetium 91
NT1 Technetium 92
NT1 Technetium 93
NT1 Technetium 94
NT1 Technetium 95
NT1 Tellurium 111
NT1 Tellurium 113
NT1 Tellurium 114
NT1 Tellurium 115
NT1 Tellurium 117
NT1 Tellurium 118
NT1 Tellurium 119
NT1 Tellurium 121
NT1 Terbium 146
NT1 Terbium 147
NT1 Terbium 148
NT1 Terbium 149
NT1 Terbium 150
NT1 Terbium 152
NT1 Terbium 154
NT1 Thallium 184
NT1 Thallium 188
NT1 Thallium 193
NT1 Thallium 194
NT1 Thallium 195
NT1 Thallium 197
NT1 Thallium 198
NT1 Thallium 200
NT1 Thulium 162
NT1 Thulium 163
NT1 Thulium 164
NT1 Thulium 165
NT1 Thulium 166
NT1 Tin 107
NT1 Tin 108
NT1 Tin 109
NT1 Tin 111
NT1 Titanium 41
NT1 Titanium 42
NT1 Titanium 43
NT1 Titanium 45
NT1 Vanadium 46
NT1 Vanadium 47
NT1 Vanadium 48
NT1 Xenon 113
NT1 Xenon 115
NT1 Xenon 116
NT1 Xenon 117
NT1 Xenon 118
NT1 Xenon 119
NT1 Xenon 120
NT1 Xenon 121
NT1 Xenon 122
NT1 Xenon 123
NT1 Ytterbium 164
NT1 Ytterbium 165
NT1 Ytterbium 167
NT1 Yttrium 83
NT1 Yttrium 84
NT1 Yttrium 85
NT1 Yttrium 86
NT1 Yttrium 87
NT1 Yttrium 88
NT1 Zinc 60
NT1 Zinc 61
NT1 Zinc 62
NT1 Zinc 63
NT1 Zinc 65
NT1 Zirconium 87
NT1 Zirconium 89
RT Beta-Plus Decay

DAYS LIVING RADIOISOTOPES [01]
BT1 Radioisotopes
BT2 Isotopes
NT1 Actinium 225
NT1 Antimony 119
NT1 Antimony 120
NT1 Antimony 122
NT1 Antimony 124
NT1 Antimony 126
NT1 Antimony 127
NT1 Argon 37
NT1 Arsenic 71
NT1 Arsenic 72
NT1 Arsenic 73
NT1 Arsenic 74
NT1 Arsenic 76
NT1 Arsenic 77
NT1 Barium 128
NT1 Barium 131
NT1 Barium 133
NT1 Barium 135
NT1 Barium 140
NT1 Berkelium 245
NT1 Berkelium 246
NT1 Berkelium 249
NT1 Beryllium 7
NT1 Bismuth 205
NT1 Bismuth 206
NT1 Bismuth 210
NT1 Bromine 77
NT1 Bromine 82
NT1 Cadmium 115
NT1 Calcium 45
NT1 Calcium 47
NT1 Californium 248
NT1 Californium 253
NT1 Californium 254
NT1 Cerium 134
NT1 Cerium 137
NT1 Cerium 139
NT1 Cerium 141
NT1 Cerium 143
NT1 Cerium 144
NT1 Cesium 129
NT1 Cesium 131
NT1 Cesium 132
NT1 Cesium 136
NT1 Chromium 49
NT1 Cobalt 56
NT1 Cobalt 57
NT1 Cobalt 58
NT1 Copper 67
NT1 Curium 240
NT1 Curium 241
NT1 Curium 242
NT1 Einsteinium 251
NT1 Einsteinium 252
NT1 Einsteinium 253
NT1 Einsteinium 254
NT1 Einsteinium 255
NT1 Erbium 160
NT1 Erbium 169
NT1 Erbium 172
NT1 Europium 145
NT1 Europium 146
NT1 Europium 147
NT1 Europium 148
NT1 Europium 149
NT1 Europium 156
NT1 Fermium 253
NT1 Gadolinium 146
NT1 Gadolinium 147
NT1 Gadolinium 149
NT1 Gadolinium 151
NT1 Gadolinium 153
NT1 Gallium 67
NT1 Germanium 68
NT1 Germanium 69
NT1 Germanium 71
NT1 Gold 194
NT1 Gold 195
NT1 Gold 196
NT1 Gold 198
NT1 Gold 199
NT1 Hafnium 175
NT1 Hafnium 181
NT1 Holmium 166
NT1 Indium 111
NT1 Indium 114
NT1 Iodine 124
NT1 Iodine 125
NT1 Iodine 126
NT1 Iodine 131
NT1 Iridium 188
NT1 Iridium 189
NT1 Iridium 190
NT1 Iridium 192
NT1 Iridium 193
NT1 Iron 59
NT1 Krypton 79
NT1 Lanthanum 140
NT1 Lead 203
NT1 Lutetium 169
NT1 Lutetium 170
NT1 Lutetium 171
NT1 Lutetium 172
NT1 Lutetium 174
NT1 Lutetium 177
NT1 Manganese 52
NT1 Manganese 54
NT1 Mercury 194
NT1 Mercury 195
NT1 Mercury 197
NT1 Mercury 203
NT1 Molybdenum 99
NT1 Neodymium 140
NT1 Neodymium 147
NT1 Neptunium 234
NT1 Neptunium 238
NT1 Neptunium 239
NT1 Nickel 56
NT1 Nickel 57
NT1 Nickel 66
NT1 Niobium 91
NT1 Niobium 92
NT1 Niobium 95
NT1 Osmium 185
NT1 Osmium 188
NT1 Osmium 191
NT1 Osmium 193
NT1 Palladium 100
NT1 Palladium 103
NT1 Phosphorus 32
NT1 Phosphorus 33
NT1 Platinum 188
NT1 Platinum 191
NT1 Platinum 193
NT1 Platinum 195
NT1 Plutonium 237
NT1 Plutonium 246
NT1 Polonium 206
NT1 Polonium 210
NT1 Praseodymium 143
NT1 Promethium 143
NT1 Promethium 148
NT1 Promethium 149
NT1 Protactinium 229
NT1 Protactinium 232
NT1 Protactinium 233
NT1 Radium 223
NT1 Radium 224
NT1 Radium 225
NT1 Radon 222
NT1 Rhenium 182
NT1 Rhenium 183
NT1 Rhenium 184
NT1 Rhenium 186
NT1 Rhodium 99

NT1 Rhodium 101
NT1 Rhodium 102
NT1 Rhodium 105
NT1 Rubidium 83
NT1 Rubidium 84
NT1 Rubidium 86
NT1 Ruthenium 97
NT1 Ruthenium 103
NT1 Samarium 141
NT1 Samarium 145
NT1 Samarium 153
NT1 Scandium 44
NT1 Scandium 46
NT1 Scandium 47
NT1 Scandium 48
NT1 Selenium 72
NT1 Selenium 75
NT1 Silver 105
NT1 Silver 106
NT1 Silver 110
NT1 Silver 111
NT1 Strontium 82
NT1 Strontium 83
NT1 Strontium 85
NT1 Strontium 89
NT1 Sulfur 35
NT1 Tantalum 177
NT1 Tantalum 182
NT1 Tantalum 183
NT1 Technetium 95
NT1 Technetium 96
NT1 Technetium 97
NT1 Tellurium 118
NT1 Tellurium 119
NT1 Tellurium 121
NT1 Tellurium 123
NT1 Tellurium 125
NT1 Tellurium 127
NT1 Tellurium 129
NT1 Tellurium 131
NT1 Tellurium 132
NT1 Terbium 153
NT1 Terbium 155
NT1 Terbium 156
NT1 Terbium 160
NT1 Terbium 161
NT1 Thallium 200
NT1 Thallium 201
NT1 Thallium 202
NT1 Thorium 227
NT1 Thorium 234
NT1 Tin 113
NT1 Tin 117
NT1 Tin 119
NT1 Tin 121
NT1 Tin 123
NT1 Tin 125
NT1 Tungsten 178
NT1 Tungsten 181
NT1 Tungsten 185
NT1 Tungsten 187
NT1 Tungsten 188
NT1 Uranium 230
NT1 Uranium 231
NT1 Uranium 237
NT1 Vanadium 48
NT1 Vanadium 49
NT1 Xenon 127
NT1 Xenon 129
NT1 Xenon 131
NT1 Xenon 133
NT1 Ytterbium 166
NT1 Ytterbium 169
NT1 Ytterbium 175
NT1 Yttrium 87
NT1 Yttrium 88
NT1 Yttrium 90
NT1 Yttrium 91
NT1 Zinc 65
NT1 Zinc 72
NT1 Zirconium 88
NT1 Zirconium 89
NT1 Zirconium 95
RT Lifetime

ELECTRON CAPTURE RADIOISOTOPES [01]
BT1 Beta Decay Radioisotopes
BT2 Radioisotopes
BT3 Isotopes
NT1 Actinium 222
NT1 Actinium 223
NT1 Actinium 224
NT1 Actinium 226
NT1 Americium 237
NT1 Americium 238
NT1 Americium 239
NT1 Americium 240
NT1 Americium 242
NT1 Americium 244
NT1 Antimony 115
NT1 Antimony 116
NT1 Antimony 117
NT1 Antimony 118
NT1 Antimony 119
NT1 Antimony 120
NT1 Antimony 122
NT1 Argon 37
NT1 Arsenic 71
NT1 Arsenic 73
NT1 Arsenic 74
NT1 Astatine 195
NT1 Astatine 201
NT1 Astatine 202
NT1 Astatine 203
NT1 Astatine 204
NT1 Astatine 205
NT1 Astatine 206
NT1 Astatine 207
NT1 Astatine 208
NT1 Astatine 209
NT1 Astatine 210
NT1 Astatine 211
NT1 Barium 126
NT1 Barium 128
NT1 Barium 129
NT1 Barium 131
NT1 Barium 133
NT1 Berkelium 243
NT1 Berkelium 244
NT1 Berkelium 245
NT1 Berkelium 246
NT1 Berkelium 248
NT1 Beryllium 7
NT1 Bismuth 196
NT1 Bismuth 198
NT1 Bismuth 199
NT1 Bismuth 200
NT1 Bismuth 201
NT1 Bismuth 202
NT1 Bismuth 203
NT1 Bismuth 204
NT1 Bismuth 205
NT1 Bismuth 206
NT1 Bismuth 207
NT1 Bismuth 208
NT1 Bromine 75
NT1 Bromine 77
NT1 Bromine 80
NT1 Cadmium 100
NT1 Cadmium 104
NT1 Cadmium 107
NT1 Cadmium 109
NT1 Calcium 41
NT1 Californium 245
NT1 Californium 247
NT1 Cerium 133
NT1 Cerium 134
NT1 Cerium 135
NT1 Cerium 137
NT1 Cerium 139
NT1 Cesium 125
NT1 Cesium 127
NT1 Cesium 129
NT1 Cesium 130
NT1 Cesium 131
NT1 Cesium 132
NT1 Chlorine 36
NT1 Chromium 48
NT1 Chromium 51
NT1 Cobalt 56
NT1 Cobalt 57
NT1 Cobalt 58
NT1 Copper 64
NT1 Curium 238
NT1 Curium 239
NT1 Curium 241
NT1 Dysprosium 149
NT1 Dysprosium 153
NT1 Dysprosium 157
NT1 Dysprosium 159
NT1 Einsteinium 248
NT1 Einsteinium 249
NT1 Einsteinium 250
NT1 Einsteinium 251
NT1 Einsteinium 254
NT1 Erbium 151
NT1 Erbium 160
NT1 Erbium 161
NT1 Erbium 163
NT1 Erbium 165
NT1 Europium 145
NT1 Europium 146
NT1 Europium 147
NT1 Europium 148
NT1 Europium 149
NT1 Europium 150
NT1 Europium 152
NT1 Fermium 251
NT1 Fermium 253
NT1 Francium 212
NT1 Gadolinium 145
NT1 Gadolinium 146
NT1 Gadolinium 147
NT1 Gadolinium 149
NT1 Gadolinium 151
NT1 Gadolinium 153
NT1 Gallium 67
NT1 Germanium 68
NT1 Germanium 69
NT1 Germanium 71
NT1 Gold 186
NT1 Gold 187
NT1 Gold 190
NT1 Gold 191
NT1 Gold 192
NT1 Gold 193
NT1 Gold 194
NT1 Gold 195
NT1 Gold 196
NT1 Hafnium 168
NT1 Hafnium 169
NT1 Hafnium 170
NT1 Hafnium 171
NT1 Hafnium 172
NT1 Hafnium 173
NT1 Hafnium 175
NT1 Holmium 156
NT1 Holmium 159
NT1 Holmium 160
NT1 Holmium 161
NT1 Holmium 162
NT1 Holmium 164
NT1 Indium 105
NT1 Indium 108
NT1 Indium 109
NT1 Indium 110
NT1 Indium 111
NT1 Indium 112
NT1 Indium 114
NT1 Iodine 121
NT1 Iodine 123
NT1 Iodine 124
NT1 Iodine 125
NT1 Iodine 126
NT1 Iodine 128
NT1 Iridium 182
NT1 Iridium 184
NT1 Iridium 185
NT1 Iridium 186
NT1 Iridium 187
NT1 Iridium 188
NT1 Iridium 189
NT1 Iridium 190
NT1 Iridium 192
NT1 Iron 52
NT1 Iron 55
NT1 Krypton 76
NT1 Krypton 79
NT1 Krypton 81
NT1 Lanthanum 131
NT1 Lanthanum 133
NT1 Lanthanum 134
NT1 Lanthanum 135

NT1 Lanthanum 136
NT1 Lanthanum 137
NT1 Lanthanum 138
NT1 Lead 194
NT1 Lead 195
NT1 Lead 196
NT1 Lead 197
NT1 Lead 198
NT1 Lead 199
NT1 Lead 200
NT1 Lead 201
NT1 Lead 202
NT1 Lead 203
NT1 Lead 205
NT1 Lutetium 161
NT1 Lutetium 164
NT1 Lutetium 167
NT1 Lutetium 168
NT1 Lutetium 169
NT1 Lutetium 170
NT1 Lutetium 171
NT1 Lutetium 172
NT1 Lutetium 173
NT1 Lutetium 174
NT1 Manganese 52
NT1 Manganese 53
NT1 Manganese 54
NT1 Mendelevium 248
NT1 Mendelevium 253
NT1 Mendelevium 255
NT1 Mendelevium 256
NT1 Mercury 186
NT1 Mercury 187
NT1 Mercury 190
NT1 Mercury 191
NT1 Mercury 192
NT1 Mercury 193
NT1 Mercury 194
NT1 Mercury 195
NT1 Mercury 197
NT1 Molybdenum 90
NT1 Molybdenum 93
NT1 Neodymium 139
NT1 Neodymium 140
NT1 Neodymium 141
NT1 Neptunium 232
NT1 Neptunium 233
NT1 Neptunium 234
NT1 Neptunium 235
NT1 Neptunium 236
NT1 Nickel 56
NT1 Nickel 57
NT1 Nickel 59
NT1 Niobium 91
NT1 Niobium 92
NT1 Niobium 104
NT1 Nitrogen 13
NT1 Nobelium 255
NT1 Osmium 172
NT1 Osmium 173
NT1 Osmium 176
NT1 Osmium 177
NT1 Osmium 181
NT1 Osmium 182
NT1 Osmium 183
NT1 Osmium 185
NT1 Palladium 98
NT1 Palladium 100
NT1 Palladium 101
NT1 Palladium 103
NT1 Platinum 186
NT1 Platinum 188
NT1 Platinum 189
NT1 Platinum 191
NT1 Platinum 193
NT1 Plutonium 232
NT1 Plutonium 233
NT1 Plutonium 234
NT1 Plutonium 235
NT1 Plutonium 237
NT1 Polonium 201
NT1 Polonium 202
NT1 Polonium 203
NT1 Polonium 204
NT1 Polonium 205
NT1 Polonium 206
NT1 Polonium 207
NT1 Polonium 208
NT1 Polonium 209
NT1 Potassium 40
NT1 Praseodymium 132
NT1 Praseodymium 136
NT1 Praseodymium 137
NT1 Praseodymium 138
NT1 Praseodymium 139
NT1 Praseodymium 140
NT1 Promethium 136
NT1 Promethium 143
NT1 Promethium 144
NT1 Promethium 145
NT1 Promethium 146
NT1 Protactinium 227
NT1 Protactinium 228
NT1 Protactinium 229
NT1 Protactinium 230
NT1 Radon 206
NT1 Radon 207
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NT1 Radon 210
NT1 Radon 211
NT1 Rhenium 170
NT1 Rhenium 172
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NT1 Rhenium 178
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NT1 Rhenium 182
NT1 Rhenium 183
NT1 Rhenium 184
NT1 Rhenium 186
NT1 Rhodium 99
NT1 Rhodium 100
NT1 Rhodium 101
NT1 Rhodium 102
NT1 Rubidium 76
NT1 Rubidium 77
NT1 Rubidium 81
NT1 Rubidium 82
NT1 Rubidium 83
NT1 Rubidium 84
NT1 Ruthenium 92
NT1 Ruthenium 95
NT1 Ruthenium 97
NT1 Samarium 141
NT1 Samarium 142
NT1 Samarium 143
NT1 Samarium 145
NT1 Selenium 72
NT1 Selenium 75
NT1 Silver 102
NT1 Silver 104
NT1 Silver 105
NT1 Silver 106
NT1 Silver 108
NT1 Strontium 80
NT1 Strontium 82
NT1 Strontium 83
NT1 Strontium 85
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NT1 Tantalum 168
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NT1 Tantalum 173
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NT1 Tantalum 176
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NT1 Technetium 90
NT1 Technetium 93
NT1 Technetium 94
NT1 Technetium 95
NT1 Technetium 96
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NT1 Tellurium 118
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NT1 Thulium 170
NT1 Tin 108
NT1 Tin 109
NT1 Tin 110
NT1 Tin 111
NT1 Tin 113
NT1 Titanium 44
NT1 Tungsten 176
NT1 Tungsten 177
NT1 Tungsten 178
NT1 Tungsten 179
NT1 Tungsten 181
NT1 Uranium 228
NT1 Uranium 229
NT1 Uranium 231
NT1 Vanadium 49
NT1 Vanadium 50
NT1 Xenon 116
NT1 Xenon 122
NT1 Xenon 123
NT1 Xenon 125
NT1 Xenon 127
NT1 Ytterbium 165
NT1 Ytterbium 166
NT1 Ytterbium 167
NT1 Ytterbium 169
NT1 Yttrium 87
NT1 Yttrium 88
NT1 Zinc 62
NT1 Zinc 65
NT1 Zirconium 86
NT1 Zirconium 88
NT1 Zirconium 89
RT Electron Capture Decay

EVEN-EVEN NUCLEI [01]

BT1 Nuclei
NT1 Argon 32
NT1 Argon 34
NT1 Argon 36
NT1 Argon 38
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NT2 Helium II
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NT1 Silicon 24
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NT1 Tellurium 108
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NT1 Tin 110
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NT1 Tin 132
NT1 Tin 134
NT1 Titanium 42
NT1 Titanium 44
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NT1 Tungsten 162
NT1 Tungsten 164
NT1 Tungsten 166
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NT1 Tungsten 172
NT1 Tungsten 174
NT1 Tungsten 176
NT1 Tungsten 178
NT1 Tungsten 180
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NT1 Uranium 232
NT1 Uranium 234
NT1 Uranium 236
NT1 Uranium 238
NT1 Uranium 240
NT1 Uranium 242
NT1 Xenon 112
NT1 Xenon 114
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NT1 Xenon 138
NT1 Xenon 140
NT1 Xenon 142
NT1 Xenon 144
NT1 Xenon 146
NT1 Ytterbium 154
NT1 Ytterbium 156
NT1 Ytterbium 158
NT1 Ytterbium 160
NT1 Ytterbium 162
NT1 Ytterbium 164
NT1 Ytterbium 166
NT1 Ytterbium 168
NT1 Ytterbium 170
NT1 Ytterbium 172
NT1 Ytterbium 174

NT1 Ytterbium 176
NT1 Ytterbium 178
NT1 Zinc 60
NT1 Zinc 62
NT1 Zinc 64
NT1 Zinc 66
NT1 Zinc 68
NT1 Zinc 70
NT1 Zinc 72
NT1 Zinc 74
NT1 Zinc 76
NT1 Zinc 78
NT1 Zirconium 80
NT1 Zirconium 82
NT1 Zirconium 84
NT1 Zirconium 86
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NT1 Zirconium 90
NT1 Zirconium 92
NT1 Zirconium 94
NT1 Zirconium 96
NT1 Zirconium 98
NT1 Zirconium 100
NT1 Zirconium 102
NT1 Zirconium 104
RT Nuclear Structure

EVEN-ODD NUCLEI [01]
BT1 Nuclei
NT1 Argon 33
NT1 Argon 35
NT1 Argon 37
NT1 Argon 39
NT1 Argon 41
NT1 Argon 43
NT1 Argon 45
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NT1 Barium 119
NT1 Barium 121
NT1 Barium 123
NT1 Barium 125
NT1 Barium 127
NT1 Barium 129
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NT1 Barium 137
NT1 Barium 139
NT1 Barium 141
NT1 Barium 143
NT1 Barium 147
NT1 Barium 149
NT1 Beryllium 5
NT1 Beryllium 7
NT1 Beryllium 9
NT1 Beryllium 11
NT1 Beryllium 13
NT1 Cadmium 101
NT1 Cadmium 103
NT1 Cadmium 105
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NT1 Cadmium 109
NT1 Cadmium 111
NT1 Cadmium 113
NT1 Cadmium 115
NT1 Cadmium 117
NT1 Cadmium 119
NT1 Cadmium 121
NT1 Cadmium 123
NT1 Cadmium 125
NT1 Cadmium 127
NT1 Calcium 35
NT1 Calcium 37
NT1 Calcium 39
NT1 Calcium 41
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NT1 Calcium 49
NT1 Californium 243
NT1 Californium 245
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NT1 Californium 249
NT1 Californium 251
NT1 Californium 253
NT1 Californium 255
NT1 Carbon 9
NT1 Carbon 11
NT1 Carbon 13
NT1 Carbon 15
NT1 Carbon 17
NT1 Carbon 19
NT1 Cerium 125
NT1 Cerium 127
NT1 Cerium 129
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NT1 Cerium 133
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NT1 Cerium 145
NT1 Cerium 147
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NT1 Cerium 151
NT1 Chromium 43
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NT1 Chromium 57
NT1 Curium 239
NT1 Curium 241
NT1 Curium 243
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NT1 Curium 247
NT1 Curium 249
NT1 Curium 251
NT1 Dysprosium 147
NT1 Dysprosium 149
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NT1 Fermium 245
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NT1 Fluorine 14
NT1 Gadolinium 143
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NT1 Hafnium 185
NT1 Helium 3
NT2 Helium 3 A
NT2 Helium 3 A1
NT2 Helium 3 B
NT1 Helium 5
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NT1 Iron 47
NT1 Iron 49
NT1 Iron 51
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NT1 Bromine 75
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NT1 Californium 246
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NT1 Chromium 48
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NT1 Fluorine 18
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NT1 Iron 52
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NT1 Holmium 170
NT1 Hydrogen 4
NT1 Hydrogen 6
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NT1 Rubidium 100
NT1 Rubidium 102
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NT1 Scandium 52
NT1 Silver 100
NT1 Silver 102
NT1 Silver 104
NT1 Silver 106
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NT1 Silver 110
NT1 Silver 112
NT1 Silver 114
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NT1 Silver 120
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NT1 Sodium 26
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NT1 Sodium 30
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NT1 Thulium 176
NT1 Vanadium 42
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NT1 Vanadium 54
NT1 Yttrium 82
NT1 Yttrium 84
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NT1 Yttrium 90
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NT1 Yttrium 100
NT1 Yttrium 102
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NT1 Actinium 220
NT1 Actinium 221
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NT1 Actinium 232
NT1 Aluminium 24
NT1 Aluminium 25
NT1 Aluminium 26
NT1 Aluminium 30
NT1 Antimony 108
NT1 Antimony 112
NT1 Antimony 134
NT1 Argon 35
NT1 Arsenic 67

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NT1 Arsenic 80
NT1 Arsenic 81
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NT1 Barium 146
NT1 Beryllium 8
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NT1 Bismuth 189
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NT1 Bismuth 208
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NT1 Bromine 79
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NT1 Bromine 87
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NT1 Bromine 90
NT1 Bromine 91
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NT1 Cadmium 126
NT1 Cadmium 127
NT1 Cadmium 128
NT1 Calcium 38
NT1 Calcium 39
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NT1 Germanium 81
NT1 Germanium 82
NT1 Germanium 83
NT1 Germanium 84
NT1 Gold 176
NT1 Gold 178
NT1 Gold 193
NT1 Gold 195
NT1 Gold 197
NT1 Gold 202
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NT1 Hafnium 158
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NT1 Hafnium 178
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NT1 Helium 5
NT1 Helium 6
NT1 Helium 7
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NT1 Holmium 151
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NT1 Indium 120
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NT1 Lithium 5
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NT1 Rubidium 75
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NT1 Scandium 50
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NT1 Selenium 87
NT1 Selenium 88
NT1 Silicon 26
NT1 Silicon 27
NT1 Silver 97
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NT1 Yttrium 100
NT1 Zinc 75
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NT1 Zinc 78
NT1 Zinc 79
NT1 Zirconium 98
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NT1 Antimony 123
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NT1 Arsenic 75
NT1 Barium 130
NT1 Barium 132
NT1 Barium 134
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NT1 Carbon 12
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NT1 Cesium 133
NT1 Chlorine 35
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NT1 Chromium 52
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NT1 Copper 63
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NT2 Helium 3 B
NT1 Helium 4
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NT1 Indium 113
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NT1 Iron 56
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NT1 Lead 207
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NT1 Lutetium 175
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NT1 Magnesium 26
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NT1 Molybdenum 100
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NT1 Neodymium 143
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NT1 Oxygen 16
NT1 Oxygen 17
NT1 Oxygen 18
NT1 Palladium 102
NT1 Palladium 104
NT1 Palladium 105
NT1 Palladium 106
NT1 Palladium 108
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NT1 Potassium 39
NT1 Potassium 41
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NT1 Rhenium 185
NT1 Rhenium 187
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NT1 Ruthenium 102
NT1 Ruthenium 104
NT1 Samarium 144
NT1 Samarium 148
NT1 Samarium 149
NT1 Samarium 150
NT1 Samarium 152
NT1 Samarium 154
NT1 Scandium 45
NT1 Selenium 74
NT1 Selenium 76
NT1 Selenium 77
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