

PACKAGE ID - 000260SPARC00 VIEW

KWIC TITLE - Signal and Image Processing Operations

AUTHORS - Brase, J.
Lawrence Livermore National Lab., CA (United States)

Wieting, M.
Lawrence Livermore National Lab., CA (United States)

Miller, V.
Lawrence Livermore National Lab., CA (United States)

LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 02/01/1995 **PUBLICATION DATE** - 02/01/1995

DESCRIPTION - VIEW is a software system for processing arbitrary multidimensional signals. It provides facilities for numerical operations, signal displays, and signal databasing. The major emphasis of the system is on the processing of time-sequences and multidimensional images. The system is designed to be both portable and extensible. It runs currently on UNIX systems, primarily SUN workstations.

PACKAGE CONTENTS - Media Directory; Software Abstract; User's Guide; Installation Instructions; Media Includes Source;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 CD Rom

METHOD OF SOLUTION - VIEW uses a combination of standard and recently developed signal and image processing algorithms.

COMPUTER - SUN SPARC

OPERATING SYSTEMS - Computers running UNIX with X Windows. Primary development has been on SUN workstations under SunOS and Solaris, but also been installed on SGI Iris workstations under IRIX 4.1 and on some HP9000 and IBM6000.

PROGRAMMING LANGUAGES - C, FORTRAN

SOFTWARE LIMITATIONS - Must be run on a UNIX machine running the X Window System. Must have C and Fortran compilers to build executables.

SOURCE CODE AVAILABLE (Y/N) - Y

HARDWARE REQS - Tested SUN platforms; known to run on SGI platforms.

ABSTRACT STATUS - Released AS-IS 10/26/95

SUBJECT CLASS CODE - NP

PACKAGE ID - 000260SPARC00 VIEW

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
V CODES
IMAGE PROCESSING
SIGNAL CONDITIONING

EDB SUBJECT CATEGORIES -

990200

SPONSOR - LLNL

PACKAGE TYPE - AS - IS