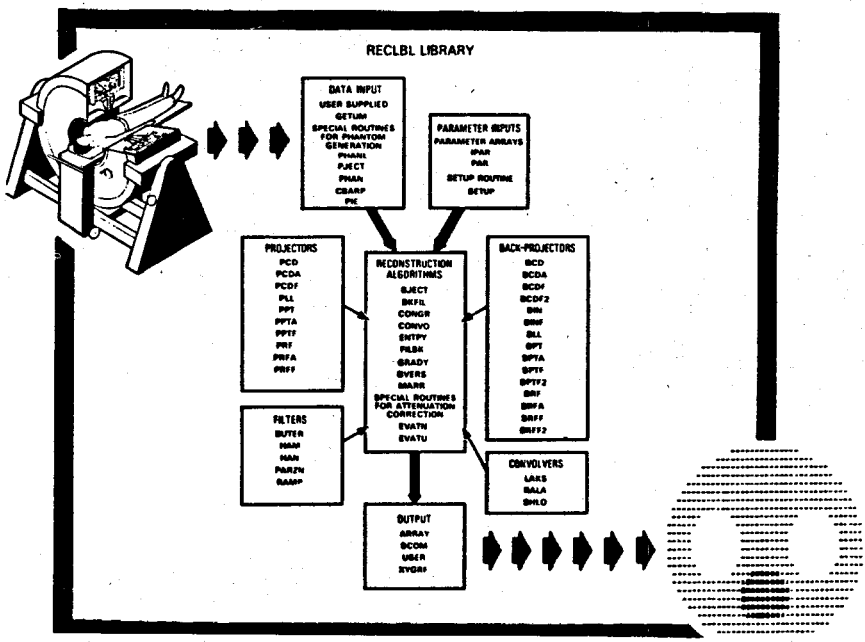
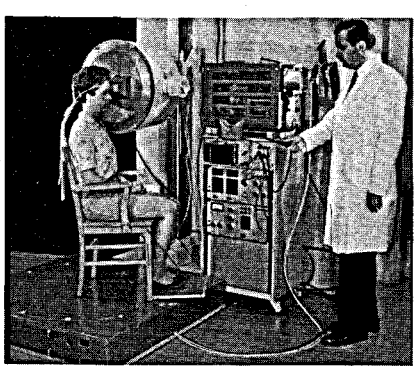
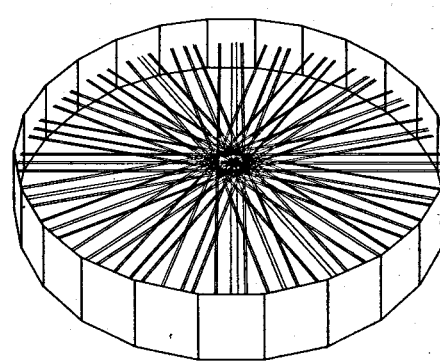
DONNER ALGORITHMS FOR RECONSTRUCTION TOMOGRAPHY

R.H. Huesman, G.T. Gullberg, W.L. Greenberg, T.F. Budinger



Three-dimensional reconstruction of radionuclide distributions was done in the late 1960s at Donner Laboratory by analogue back projection methods (below) with the Anger camera by Drs. David Price, Hirsh Hanmaker, James McRae and Hal Anger (Dr. Kuhl's work was 1963). In 1973 the Donner team (above) did the first quantitative digital reconstructions and created the computer library of methods in use throughout the world.