A. This application was written by Jeff Adams. It was developed in support of the Integrated First-Year Curriculum in Science, Engineering, and Mathematics at Rose-Hulman Institute of Technology. This curriculum project is supported by the National Science Foundation, the General Electric Foundation, and Lilly Endowment, Inc. If you are interested in this or any other application written for the Rose-Hulman Institute of Technology First Year Integrated Curriculum, please contact us at **ifycsem@nextwork.rose-hulman.edu**. The following people are currently serving as professors for the curriculum and would welcome your comments and questions:

Dr. Claude Anderson, III, Computer Science

Campus Box 98
ext. 8331

Dr.   Jerry Fine, Mechanical Engineering
Campus Box 140
ext. 8353

Dr. Jeffrey Froyd, Electrical Engineering
Campus Box 111
ext. 8340

Dr. Mike Moloney, Physics
Campus Box 161
ext. 8302

Dr. Howard McLean, Chemistry
Campus Box 70
ext. 8378

Dr. Edward Mottel, Chemistry
Campus Box 71
ext. 8315

Dr. Brian Winkel, Mathematics
Campus Box 132
ext. 8412

c/o Rose-Hulman Institute of Technology
6060 Wabash Avenue
Terre Haute, Indiana, USA   47803

phone 812-877-1511
or

812-877- ext.


B.   This application best fits in the physics category.

C.   Flux Analyzer is a program which allows the user to quickly analyze the
    effects of changing the parameters of the surface or the field in the calculation
    of surface flux.   Several surfaces are included for analysis: disk, cube and
    sphere.

D.   This application is used as part of the Integrated First Year Curriculum in

physics classes to introduce the concepts of surface flux and fields.

E.   This application was developed under NeXTSTEP 2.1.

F.   This application requires no special installation.

G.   The Documentation folder included with the application is required for online documentation built into the application.   If it is removed, the application will still function properly, except for Help.