A. This application was written by Matthew Drew. 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 mathematics category.

C. Parametric is a parametric equation viewer. The program help students to visualize the trajectory of a two-dimensional parametric equation as time proceeds. It can also show the relationship of different components (tangential and normal) of acceleration. The parametric viewer can also adjust its scales to enable to user to view the trajectory all the time.

D. This application is used as part of the Integrated First Year Curriculum in calculus classes to view two-dimensional parametric equations.

E. This application was developed under NeXTSTEP 2.1.

F. This application requires no special installation instruction.

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.