

SPIROGRAPH

WRITTEN BY: Donald Kiel, Department of Math and Computer Science, Cal State, Los Angeles (dkiel@neptune.calstatea.edu)

CATEGORY: Computer Graphics

APPLICATION:

This application demonstrates the drawing of a hypocycloid, such as commonly used in the child's drawing game commonly called the spirograph. A larger circle is chosen along with a smaller circle to rotate on it (either inside or outside), and a pen on an arm. The resulting figure is then drawn.

USES: Graphics classes to illustrate animation and composition.

DEVELOPMENT :NeXTSTEP 2.0