

JULIA SETS

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CATEGORY: Fractals

APPLICATION:

This illustrates the drawing of Julia sets and the self-similarity which can be shown by dragging a rectangle on the drawn Julia set.

Other values which yield interesting Julia sets are $(0.9, -0.12)$, $(0.544, 0.54)$, $(0.194, -0.6557)$, $(-0.11031, 0.67037)$, and $(0.74543, -0.1130)$ as well as many others.

USAGE:

This application is used to demonstrate the fractal derived by this method in mathematics classes where fractals are studied.

DEVELOPMENT: NeXTSTEP 2.0