Abstract

We explore in this paper the dynamics of the complex function for non integer values, using the Ishikawa iterates. The z plane fractal images are studied for positive powers of the complex function while c plane fractals are analyzed for negative powers of the complex function.

Reference

- P. Blanchard, “Complex Analytic Dynamics on the Riemann Sphere”, Bulletin of the
Complex Dynamics of Ishikawa Iterates for Non Integer Values


Index Terms
Computer Science Applied Mathematics

Key words
Complex dynamics Relative Superior Mandelbrot Set
Relative Superior Julia set
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