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
- S. Dhurandar, V. C. Bhavsar and U. G. Gujar, “Analysis of z-plane fractal images from for α

Index Terms

Computer Science
Applied Mathematics

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