Abstract

The object Mandelbrot set given by Mandelbrot in 1979 and its relative object Julia set have become a wide and elite area of research nowadays due to their beauty and complexity of their nature. Many researchers and authors have worked to study and reveal the new concepts unexplored in the complexities of these two most popular sets of fractal geometry. In this paper we review the recently done work on complex functions for producing beautiful fractal graphics, by few eminent researchers contributing a lot to the field of fractal geometry. The reviewed work mainly emphasizes on the complex functional dynamics of Ishikawa iterates for inverse and logarithmic function and existence of relative superior Mandel-bar set.

References

A Study of New Fractals Complex Dynamics for Inverse and Logarithmic Functions

Index Terms

Computer Science Applied Sciences

Keywords

Fractals Complex Dynamics Relative Superior Mandelbrot Set Relative Superior Julia Set Ishikawa Iteration
Relative Superior Mandel-bar Set
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