Abstract

The Sierpinski triangle also known as Sierpinski gasket is one of the most interesting and the simplest fractal shapes in existence. There are many different and easy ways to generate a Sierpinski triangle. In this paper we have presented a new algorithm for generating the sierpinski gasket using complex variables.
New Sierpenski Curves in Complex Plane

- Louwsma Joel: "Homeomorphism groups of the sierpinski carpet and sierpinski gasket";
- Wegmann H.: "Die Hausdorff-Dimension von kartesis";

Index Terms

Computer Science
Applied Sciences
Keywords
Sierpinski Gasket  Fractal Coloring  Complex variables