Abstract

Complex graphics of dynamical system have been a subject of intense research nowadays. The fractal geometry is the base of these beautiful graphical images. Many researchers and authors have worked to study the complex nature of the two most popular sets in fractal geometry, the Julia set and the Mandelbrot set, and proposed their work in various forms using existing tools and techniques. The generation of fractals and study of the dynamics of transcendental function is one of the emerging and interesting fields of research nowadays. Recently, Ashish Negi, Rajeshri Rana and Yashwant S. Chauhan are among those researchers who have contributed a lot in the area of Fractal Geometry applications. In this paper we review the recently done work on sine and inverse tangent functions.

References

A Combined Study of New Escape Time Fractal for Sine and Inverse Tangent Functions


**Index Terms**

Computer Science  
Applied Mathematics

**Keywords**

Fractals  
Relative Superior Mandelbrot Set  
Relative Superior Julia Set  
Ishikawa Iteration.