Abstract

The Mann iteration process and Ishikawa Iteration process are generally used to approximate the fixed point. There are a lot of work is done by researchers and still researches are being conducted to study and reveal the new concepts unexplored. Recently, Negi, Rana and Chauhan have explored the study of complex dynamics on various functions using Mann and Ishikawa Iterative processes. In this paper we have reviewed the recent work done work on the Mann iteration. This review contains a wide variety of existing iteration schemes as its special cases.

References

Complex Nature of Fractal Geometry

- Devaney RL. The fractal geometry of the Mandelbrot Set: I. Periods of the bulbs.
Fractals, graphics, and mathematics education.


**Index Terms**

Computer Science  Applied Sciences

**Keywords**

Relative Superior Mandelbrot Set  Complex Dynamics  Relative Superior Julia Set

Ishikawa Iteration