Abstract

Fractals are self similar images. There are many techniques for generating fractals. IFS[1] are one of them. IFS use a set of linear transformations for generation of fractals. IFS have been modified to difference based IFS[2] to use differences in distance between the points to figure out the new point. Two different fractals have been plotted and the union and difference between the fractals have been explored. Two fractals have been combined in various ways in this paper. Non-linear fractals have been developed by Frederic Raynal, Evelyne, Lutton and Pierre Collet [1].

References

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**Index Terms**

Computer Science  
Applied Mathematics

**Keywords**

IFS  Fractals  Union  Difference