

Fixed points and multivalued fractals for generalized contractions

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The purpose of this talk is to review several fixed point results for generalized contractions of Ćirić-Reich-Rus type in complete metric space. Then, the properties of the fractal operator generated by a multivalued generalized contraction are discussed. The existence, the uniqueness and the approximation of the multivalued fractal are also proved. The results generalize some existing theorems in the literature.

References

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