
A GENERAL IMPLICITE THEOREM AND VARIOUS TYPES OF F –CONTRACTIONS IN GENERALIZED G –METRIC SPACES

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ABSTRACT

The further development of the fixed point theory and contractive mappings is still interesting and active topic for research associated with applications in pure and applied mathematics. In this presentation talk, our aim is to give some new fixed point theorems for types of F –contractions and (α, F) –contractions, by investigating the existence and uniqueness of fixed point for a self-mapping defined on a generalized G –metric space. By using this implicate approach the results unifies and extend the recent works in this domain.

Keywords G – metric space · F –contraction · Fixed Point

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