Abstract

The present paper deals with a common fixed point theorem for weakly compatible mappings using condition of integral type in an intuitionistic fuzzy metric space. This result discovers the possibility of the idea of reciprocal continuity and weakly compatible maps to the problem of finding common fixed point of six mappings.
Common Fixed Point Theorem for weakly compatible mappings in Intuitionistic Fuzzy Metric Spaces


Index Terms

Computer Science  Applied Mathematics

Keywords

Fuzzy set  Intuitionistic fuzzy set  Intuitionistic fuzzy metric space  weakly compatible  reciprocally continuous

Integral type