Common Fixed Point Theorems for OWC Maps in Symmetric Fuzzy Metric Spaces

Abstract

The purpose of this paper is to study the existence and uniqueness of common fixed point theorems for owc mappings satisfying a generalized mixed contractive condition of integral type in symmetric GV-fuzzy metric spaces. The perceptions of implicit relation function and control function has been utilized to establish the results. The efforts of this work unify, extend and complement many results existing in recent references and contain every theorem of
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multivalued self mappings of fuzzy metric space.

Reference


Index Terms

Computer Science
Fuzzy Systems
Key words
Common fixed points
weakly compatible mappings (owc)
symmetric fuzzy metric spaces