

COMMON FIXED POINT THEOREMS USING IMPLICIT RELATION AND (EA) PROPERTY

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Abstract

In this paper, we prove common fixed point theorems for weakly compatible mappings by using implicit relation [9] and property (E.A) [1] improving the result of theorem 4.1 of [Pathak et al, A common fixed point theorem using implicit relation and property (E.A), Filomat 21:2 (2007), 211-234].

Key Words and Phrases : Compatible mappings, Noncompatible mappings, Weakly compatible mappings, Implicit relation, (E.A) property, Common property (EA).

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