

COMMON FIXED POINT THEOREMS FOR A PAIR OF MAPPINGS ON PARTIALLY ORDERED COMPLETE METRIC SPACES

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Abstract

In this paper we proved a common fixed point theorem for a pair of weakly increasing self mappings in partial ordered complete metric spaces satisfying a generalized contractive type condition and obtain the common fixed point results of H. K. Nashine and I. Altun [17] as corollaries.

Key Words : *Common fixed point theorems, Generalized contraction, Fixed point, Complete metric spaces, Partially ordered set, Weakly increasing mappings.*

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