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ON COMMON FIXED POINT THEOREM FOR SIX SELF-MAPPING IN COMPLETE METRIC SPACE

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Abstract

In this paper we prove some common fixed point theorems for six maps by using the concept of weakly compatibility of maps in metric space. Our results generalized the results of Aage C. T. and Salunke J. N. [1] by weaker conditions. The conditions continuity and completeness of a metric space are replaced by weaker conditions such as weakly compatible pair of reciprocally continuous self-maps.

Key Words : *Reciprocally Continuous, Compatible maps, Weakly compatible maps and Common fixed points.*

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