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COMMON FIXED POINT IN FUZZY METRIC SPACES

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Abstract

In this paper we prove a common fixed point theorem of compatible mapping of type (R) in fuzzy metric space. Here we consider four mappings of which one is continuous. Our results generalize the result of Swati and Sushil [21] and Cho [8].

Key Words : Compatible mappings, Common fixed point, Fuzzy Metric Spaces, Fuzzyset. AMS Subject Classification : 47H10,54H25.

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