International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 5 No. IV (July, 2011), pp. 201-211

A FIXED POINT THEOREM IN MENGER SPACES FOR WEAKLY COMPATIBLE MAPS USING IMPLICIT RELATIONS

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Abstract

In this paper, we observe that the examples given in Saini [3] in support of the definitions of implicit relations are not valid. We also make suitable modifications to these examples. We prove a fixed point theorem in Menger spaces for weakly compatible maps using implicit relations with the inspiration of R. K. Saini [3].

Key Words : Common fixed point, R-weakly commutative maps, Menger space, Weakly compatible maps.

2000 AMS Subject Classification : 47H10, 54H25.

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