International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 5 No. III (May, 2011), pp. 269-280

RELATED FIXED POINT THEOREMS FOR A PAIR OF MAPPINGS ON TWO UNIFORM SPACES

YUMNAM ROHEN AND L. BISHWAKUMAR

Abstract

In this paper we obtained some related fixed point theorem for two set valued mappings on two complete and compact uniform spaces. Our results generalizes the results of R. K. Namdeo, N. K. Tiwari, B. Fisher and Kenan Tas [14].

Key Words and Phrases : Fixed point, Complete Hausdorff uniform space and Compact Hausdorff uniform space.

2000 AMS Subject Classification : 54H25, 47H10.

@2011 Ascent Publishing House