

International J. of Math. Sci. & Engg. Appls. (IJMSEA)
ISSN 0973-9424, Vol. 7 No. III (May, 2013), pp. 373-383

COMMON FIXED POINT THEOREMS OF COMPATIBLE MAPPINGS OF TYPE (P) IN Menger SPACE

SAHNI MARY ROOSEVELT¹ AND K. S. DERSANAMBIKA²

¹ Department of Mathematics,
Mar Thoma College, Tiruvalla, Kerala, India
E-mail: sahniroosevelt@gmail.com,

² Fatima Mata National College, Kollam, Kerala, India
E-mail: dersanapdf@yahoo.com

Abstract

In this paper we used the concept of compatible mappings of type (P) in Menger space. We also proved common fixed point theorem for four self maps in Menger space.

Key Words : *Compatible mappings of type (P) , Menger space, Common fixed point.*

AMS Subject Classification : 47H10, 54H25.

© <http://www.ascent-journals.com>