International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 5 No. IV (July, 2011), pp. 35-42

SOME FIXED POINT AND COMMON FIXED POINT THEOREMS IN PSEUDO-COMPACT TICHONOV SPACES FOR RATIONAL EXPRESSIONS

RAJESH SHRIVASTVA, SABHA KANT DWIVEDI AND S. S. RAJPUT

Abstract

In the present paper we will establish some fixed point and common fixed point theorems for rational expressions in Pseudo Compact Tichonov Spaces. The results are stronger than Soni [11,12], Khan and Sharma [8], Bhardwaj et.al. [2], Jain and Dixit [7] and Bohare, S. K. [3].

@2011 Ascent Publishing House