International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 3 No. II (2009), pp. 29-35

ITERATED FUNCTION SYSTEM ON QUASI-METRIC SPACE

A. CHAKRABORTY AND R. P. DUBEY

Abstract

We study the contractive mappings in the Quasi-metric space. Thus we prove a contraction theorem for "Generalized Collage theorem" for contraction mapping in the space. These results can then be used to solve the inverse problem.

Key Words and Phrases : Quasi-metric space, Q-Iterated Function System, Contraction map ping.

AMS Subject Classification: 47H10, 54H25.
