

COMMON FIXED POINT THEOREM FOR GENERALIZED CONTRACTIVE TYPE MAPPINGS IN SEMI-METRIC SPACE

K. JHA¹, M.IMDAD² AND U. RAJOPADHYAYA³

^{1,3} Department of Natural Sciences (Mathematics),
Kathmandu University, P.O. Box No. 6250, Nepal

² Department of Mathematics,
Aligarh Muslim University, Aligarh, India

Abstract

In this paper, we establish a common fixed point theorem for three pairs of self mappings in semi-metric space under generalized contractive condition which improves and extends similar known results in the literature.

Key Words : *Semi-metric space, Weakly compatible mappings, Common fixed point.*

AMS Subject Classification : 54 H 25, 47 H 10.

© <http://www.ascent-journals.com>