

SOME FIXED POINT THEOREMS VIA “BIASED MAPPINGS OF THE TYPE (R_L) ” IN METRIC SPACE

L. SHAMBHU SINGH¹ AND M. KRISHNANANDO SINGH²

^{1,2} Department of Mathematics,
D.M. College of Science, Imphal, Manipur-795001, India

Abstract

In this paper we introduce biased mappings of the type (R_L) and establish some new propositions between compatible maps, compatible maps of type (C), type (P) etc. with biased mappings of the type (R_L) . We also prove some common fixed point theorems of 2 pairs of biased mappings of the type (R_L) satisfying a generalised Gregus type and φ -type contractions in metric space.

Key Words : *Generalised Gregus type contraction, Common fixed point, Biased maps of the type (R_L) , Weakly biased of the type (R_L) , Metric space.*

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