A FIXED THEOREM FOR WEAKLY COMPATIBLE MAPPINGS

M. RANGAMMA, P. SRIKANTH RAO, R. UMAMAHESHWAR RAO & V. SRINIVAS

Abstract

The aim of this paper is to to prove a common fixed point theorem for two self maps by weaker conditions weakly compatible mappings and associated sequence instead of commuting self-maps and completeness of a metric space.

Key Words: Self-maps, fixed point, associated sequence, weakly compatible mappings.

AMS (2000) Subject Classification: 54H25