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CONTROL FUNCTION FOR COMMON FIXED POINT THEOREM IN COMPLETE 2-MANGER SPACES

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Abstract

In this paper we prove a common fixed point theorem for a class of Kannan type mappings in 2-Menger spaces. Our result generalizes the result of Choudhury et. al. [5] and also generalize some existing fixed point theorems in 2-metric spaces. At the end, an example is also given to validify our theorem.

Key Words and Phrases : 2-Menger spaces, Weakly compatible maps, Φ -function, Ψ -function,

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