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FIXED POINT IN QUASI GAUGE FUNCTION SPACE FOR SELF MAPPING

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Abstract

In the present paper we establish some fixed point and common fixed point theorems in Housdorff sequentially complete quasi-gauge function space generated by a family of pseudomertic. Our result extend the result of Banach [1], Kannan [5], Reich [6]. Chatterjee [2] to quasi-gauge function space.

Key Words : Qausi-Gauge function space, Fixed Point, Common fixed point, Housdorf space. 2000 AMS Subject Classification : Primary 47H10, secondary 54H25.

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