

A FIXED POINT THEOREM FOR DENSIFYING MAPPING

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Abstract

In this paper we shall prove a common fixed point theorem for continuous densifying mapping which extend some well known result due to Furi and Vignoli [1] “A fixed point theorem in complete metric space” Iseki [2] “A Fixed point theorem, Maths Sem. Notes”, Jain and Dixit [3] “A Fixed point for continuous densifying mappings”. Extending the result of Furi, Vignoli and Iseki, Jain and Dixit obtained the following.

Key Words : *Fixed-Point, Densifying Mapping, Continuous Mapping.*