

PARAMETRIC METRIC SPACE AND FIXED POINT THEOREMS

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ABSTRACT

There are many generalization of metric space. Parametric metric space is the generalization of metric space too. Which was introduced and studied by Hussian (a new approach to metric space) in 2014. In present paper we prove two fixed point theorems based on injective mapping using contraction conditions. Moreover, we provide an example to furnish our result and also the usability of our result.

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KEYWORDS: *Unique Fixed Point, Contraction, Parametric Metric Space, Injective Mapping*