

**FIXED POINT THEOREMS FOR (α, ψ) RATIONAL TYPE
CONTRACTIONS IN GENERALIZED PARAMETRIC b -METRIC SPACE**

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ABSTRACT. In this paper, we introduce the concept of generalized parametric b -metric space and study its various properties. Further, we prove certain new fixed point theorems for (α, ψ) -rational type contractive mappings in generalized parametric b -metric space. Moreover, an example is also provided to illustrate the applicability of the results obtained.

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