

عنوان مقاله:

Fixed Point Theorems for Geraghty Type Contraction Mappings in Complete Partial b_{ψ} -Metric Spaces

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خلاصه مقاله:

In this paper, necessary and sufficient conditions for the existence and uniqueness of fixed points of generalized Geraghty type contraction mappings are given in complete partial $b_{\psi}(s)$ -metric spaces. The results are more general than several results that exist in the literature because of the considered space. A numerical example is given to support the obtained results. Also, the existence and uniqueness of the solutions of an integral equation has been verified considered as an application.

کلمات کلیدی:

Generalized Geraghty contraction, Fixed point, Partial b_{ψ} -metric spaces, Generalized metric space

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