



OPTIMALITY RESULTS IN RECTANGULAR B-METRIC SPACE WITH APPLICATION TO DIFFERENTIAL EQUATION

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Abstract. In this article, the concept of best proximity point in rectangular b-metric space has been established. Using control functions, this paper presents some results on best proximity point in rectangular b-metric space using some new inequalities and proximal admissible mappings. Some examples have also been given supporting the results followed by some consequences. An application of non-linear differential equation has been established.

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