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b-METRIC SPACE, DISLOCATED b-METRIC SPACE AND GERAGHTY TYPE CONTRACTIONS

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Abstract. In this paper, we obtain common fixed point results in b-metric space as well as in dislocated b-metric space for Geraghty type and ψ-Geraghty type contractions. These results extend some existing results in the literature. Moreover, some examples and an application for non-linear integral equations are also given.

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