COUPLED FIXED POINT THEOREMS FOR $\alpha-\psi$ CONTRACTIVE TYPE MAPPINGS IN PARTIALLY ORDERED PARTIAL METRIC SPACES

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Abstract

In this paper we consider the concept of $\alpha - \psi$ contraction on a complete partially ordered partial metric space to study the existence and uniqueness of coupled fixed points for nonlinear contractive mappings controlled by a generalized contractive type condition. Supporting example is also provided. Open problem is also given at the end of this paper.

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