

NONLINEAR QUASI-CONTRACTIONS OF ĆIRIĆ TYPE

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Abstract. In this paper we obtain points of coincidence and common fixed points for two self mappings satisfying a nonlinear contractive condition of Ćirić type. As application, using the scalarization method of Du, we deduce a result of common fixed point in cone metric spaces.

Key Words and Phrases: Common fixed points, quasi-contractions, scalarization, cone metric spaces.

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