

FIXED POINTS FOR MAPPINGS OF CYCLICAL TYPE IN ORDERED METRIC SPACES

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Abstract. The purpose of this paper is to present some fixed point results for mappings of cyclical type in the context of ordered metric spaces.

Our results extend the ones appearing in [A. Amini-Harandi, H. Emami, *A fixed point theorem for contraction type maps in partially ordered metric spaces and application to ordinary differential equations*, *Nonlinear Anal.* **72** (2010), 2238-2242].

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