SATURATED VERSIONS OF SOME FIXED POINT THEOREMS FOR GENERALIZED CONTRACTIONS

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Abstract. In this paper, we will give extended versions of two standard fixed point principles: one for Hardy-Rogers type operators and the other one for Ćirić type operators in complete metric space. Our results generalize similar theorems given in [9].

Key Words and Phrases: Fixed point, complete metric space, Hardy-Rogers type operators, Ćirić type operators, well-posed property, Ostrowski property, quasi-contraction.

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