

Common fixed points for pair of mappings

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This talk is devoted to $g - f$ quasi-contractions on a cone metric space. In what follows we shall first give the definition of the very notion itself and then present some fixed point results on $g - f$ quasi-contractions. Among other things, we will see how a recent result of H.L. Guang and Z. Xian can be generalized so that one of the main results of Ćirić is recovered from it.

Most of the presented results actually represent generalizations and unifications of fixed point theorems of Das and Naik, Ćirić, Jungck and Ume in terms of ω -distances on a complete metric space.
