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Fixed points for contractive type multimaps

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Abstract

Without using the concept of the Hausdorff metric, we prove some results on the existence of fixed points and strict fixed points for multivalued maps satisfying some generalized Latif-Albar type conditions. Consequently, several known fixed point results either generalized or improved including the corresponding recent results of Feng and Liu [J. Math. Anal. Appl. 317 (2006) 103-112], Latif and Albar [Demonstratio Mathematica 41 (2008) 145-150], and Chifu and Petrusel [Fixed Point Theory and Applications, vol. 2007, Article ID 34248, 8 pages].

Author Keywords

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