A GENERAL FIXED POINT THEOREM FOR A PAIR OF MAPPINGS SATISFYING AN IMPLICIT RELATION

VALERIU POPA AND ALINA-MIHAELA PATRICIU

Abstract. In this paper a general fixed point theorem for a pair of mappings satisfying an implicit relation is proved. This theorem generalizes and improves Theorem 2.1 [19], removing the assumption of weak reciprocally continuity, relaxing the compatibility $R$-weakly commutativity of type $(Af)$ or $(Ag)$ to weak continuity and replacing the completeness of the space with completeness of a subspace.

REFERENCES


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"Vasile Alecsandri" University of Bacău
Faculty of Sciences
Department of Mathematics, Informatics and Education Sciences
157 Calea Mărășești, Bacău, 600115, Romania
E-mail address: vpopa@ub.ro

"Vasile Alecsandri" University of Bacău
Faculty of Sciences
Department of Mathematics, Informatics and Education Sciences
157 Calea Mărășești, Bacău, 600115, Romania
E-mail address: alina.patriciu@ub.ro