

ON THE CONVERGENCE OF ISHIKAWA ITERATES TO A COMMON FIXED POINT FOR A PAIR OF MULTIVALUED MAPPINGS IN BANACH SPACES

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Abstract

In the present paper we prove a common fixed point theorem for Ishikawa iterates of a pair of multivalued mappings on a Banach space, satisfying nonexpansive type condition which extend and generalize the results of Rhoades [16], [17] and others.

KeyWords and Phrases: Ishikawa-type iteration, Banach spaces, Multivalued nonexpansive mappings, Common fixed point.

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