ITERATIVE APPROXIMATIONS FOR A FAMILY OF MULTIVALUED MAPPINGS IN BANACH SPACES

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Abstract. In this paper we consider the convergence of iterative processes for a family of multivalued nonexpansive mappings. Under somewhat different conditions the sequences of Noor, Mann and Ishikawa iterates converge to the common fixed point of the family of multivalued nonexpansive mappings.


Keywords and phrases: Multivalued nonexpansive mapping; convergence theorems; fixed points.

REFERENCES