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SUFFICIENT CONDITIONS FOR THE CONVERGENCE OF ITERATIONS TO POINTS OF ATTRACTION IN BANACH SPACE

Ioannis K. Argyros

Abstract. In this study we provide weak sufficient conditions for the convergence of iterations to points of attraction in Banach space. Our results are used to show existence and uniqueness of solutions of nonlinear equations. We complete our study with an example that shows that our convergence results apply where earlier ones do not.

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Cameron University, Lawton, Oklahoma
E-mail Address: ioannisa@cameron.edu