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Some stability results for nonexpansive and quasi-nonexpansive operators in uniformly convex Banach space using the Ishikawa iteration process

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ABSTRACT. In this paper, we examine the stability of the Ishikawa iteration process for nonexpansive and quasi-nonexpansive operators in uniformly convex Banach space. Our results are generalizations and extensions of some of the results of Harder and Hicks [6], Rhoades [14], [15], Osilike [?], Berinde [1], [2], Imoru and Olatinwo [7] as well as Imoru et al [8].

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