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**Neeta Singh\*** (n\_s32132@yahoo.com), Department of Mathematics, Faculty of Science,  
University of Allahabad, Allahabad, U.P. 211002, India. *On implicit iterations for strongly  
pseudocontractive and quasinonexpansive mappings.*

Recently, A. Rafiq [On Mann iteration in Hilbert spaces, Nonlinear Analysis 66 (2007) 2230-2236 ] has introduced a Mann type implicit iterative algorithm and proved its strong convergence to fixed points of hemicontractive maps in real Hilbert spaces. We prove that this Mann type implicit iteration converges to fixed points of strongly pseudocontractive maps under certain conditions.

We also introduce an Ishikawa type implicit iteration scheme and prove convergence to fixed points of quasinonexpansive operators under mild restrictions. (Received June 10, 2008)