J. Adv. Math. Stud.
Vol. **8**(2015), No. 2, 257-264
http://journal.fairpartners.ro

APPROXIMATING FIXED POINTS OF NONEXPANSIVE MAPPINGS BY A FASTER ITERATION PROCESS

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Abstract. In this paper, we consider a new iteration process which is faster than all of Picard, Mann, Ishikawa and Agarwal et al. processes. We also prove some strong and weak convergence theorems for the class of nonexpansive mappings in Banach spaces.

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Received: March 03, 2015. *Revised*: June 14, 2015.
2010 *Mathematics Subject Classification*: 47H10, 65C20.
Key words and phrases: Nonexpansive mapping, iteration, rate of convergence, weak convergence, convergence.

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