

School of Studies in Mathematics

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List of Publication

Year - 2015

1. B.S.Thakur, R.Dewangan, A.Kurdi, Implicit iteration scheme with numerical analysis for a finite family of strictly pseudocontractive mappings University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics (U POLITEH BUCH SER A) (*SCI Journal IF 0.365*) (to appear)
2. B.S.Thakur, D.Thakur, M.Postolache, A new iteration scheme for approximating fixed points of nonexpansive mapping, Filomat (*SCI Journal IF 0.365*) (to appear)
3. B.S.Thakur, D.Thakur, R.P.Agarwal, Convergence theorems for total asymptotically nonexpansive mappings in CAT(0) spaces, Journal of Nonlinear and Convex Analysis (*SCI Journal IF 0.691*) (to appear)
4. B.S.Thakur, M.S.Khan, Strong convergence of finite family of pseudocontractive mappings by a new implicit iteration, Journal of Nonlinear Analysis and Optimization, (*in press*)
5. B.S.Thakur, D.Thakur, M.Postolache, A new iterative scheme for numerical reckoning fixed points of Suzuki's generalized nonexpansive mappings, Applied Mathematics and Computation, 275 (2016), 147-155 (*SCI Journal IF 1.345*).
6. B.S.Thakur, D.Thakur, M.Postolache, Modified Picard-Mann hybrid iteration process for total asymptotically nonexpansive mappings, Fixed Point Theory and Applications, 2015 (2015), 2015:140 (*SCI Journal IF 2.486*).
7. A.K.Sharma, B.S.Thakur, Best proximity points for K-rational proximal contraction of first and second kind, Annals of the University of Bucharest. Mathematical Series, 6(64) No.1 (2015), 105-118.
8. D.Thakur, B.S.Thakur, M.Postolache, Convergence theorems for generalized nonexpansive mappings in uniformly convex Banach spaces, Fixed Point Theory and Applications, 2015 (2015), 2015:144 (*SCI Journal IF 2.486*).
9. B.S.Thakur, R.Dewangan, M.S.Khan, A new hybrid cyclic algorithm for two finite families of strictly asymptotically pseudocontractive mappings, Sarajevo Journal of Mathematics, 11(24), No.2 (2015), 205-218.
10. B.S.Thakur, R.Dewangan, M.S.Khan, Strong convergence of two finite families of asymptotically pseudocontractive mappings, Annals of the University of Bucharest. Mathematical Series, 6(64) No.2 (2015), 263-281.
11. B.S.Thakur, R.Dewangan, M.Postolache, New iteration process for pseudocontractive mappings with convergence analysis, Fixed Point Theory and Applications, 2015 (2015), 2015:55 (*SCI Journal IF 2.486*).
12. B.S.Thakur, M.S.Khan, Dipti Thakur, Fixed point theorems for nonself asymptotically nonexpansive type mappings in CAT(0) spaces, Journal of Nonlinear Analysis and Application, 2015(2) (2015), 87-94.

13. Shaheena Khatoon, and Balwant Singh Thakur, (2015) "Certificate less key management scheme in MANET using threshold cryptography." International Journal of Network Security and Its Applications 7. No. 2. Pp 55-61.
<http://dx.doi.org/10.5121/ijnsa.2015.7204>

14. Shaheena Khatoon (2015)"A Pairing-Free Identity-Based Authenticated Key Agreement Protocol for MANET." International Journal of Future Generation Communication and Networking Vol. 8, No. 6 (2015), pp. 135-140. <http://dx.doi.org/10.5121/ijnsa.2015.7204>