GENERAL ITERATION SCHEME WITH PERTURBED MAPPING FOR COMMON FIXED POINTS OF A FINITE FAMILY OF NONEXPANSIVE MAPPINGS

ISMAT BEG* AND BALWANT SINGH THAKUR**

*Department of Mathematics
Lahore University of Management Sciences (LUMS)
54792-Lahore, Pakistan
E-mail: ibeg@lums.edu.pk

**School of Studies in Mathematics
Pt. Ravishankar Shukla University Raipur
492010 (C.G.), India
E-mail: balwantst@gmail.com

Abstract. A new general composite implicit random iteration scheme with perturbed mapping is proposed and obtain necessary and sufficient conditions for strong convergence of proposed iteration scheme to random fixed point of a finite family of random nonexpansive mappings are obtained.

Key Words and Phrases: General iteration scheme, nonexpansive random operator, fixed point, perturbed mapping.

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REFERENCES


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