THE EQUIVALENCE AMONG THE MODIFIED MANN–ISHIKAWA AND NOOR ITERATIONS FOR UNIFORMLY L–LIPSCHITZIAN MAPPINGS IN BANACH SPACES

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Abstract. In this paper, the equivalence of the convergence among Mann-Ishikawa and Noor iterations is obtained for uniformly L-Lipschitzian mappings in real Banach spaces. Our results extend and improve the corresponding results in Chang [3] and Ofoedu [4].


Keywords and phrases: uniformly L-Lipschitzian mapping, the modified Mann and Ishikawa iterations, the modified Noor iteration, real Banach space.

REFERENCES