FIXED POINTS OF RAFIQ-CONTRACTIVE OPERATOR IN $CAT(0)$ SPACES

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Abstract

In this paper, we study a three-step iterative scheme for contractive operator which is used by Rafiq in [24] (General Mathematics 14(3) (2006), 79-90) in the framework of $CAT(0)$ spaces. Also we establish strong convergence theorems for above said scheme and operator. Our results improve and extend some corresponding results from the existing literature (see, e.g., [24, 25] and some others).

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