COMMON RANDOM FIXED POINT THEOREMS OF NONSELF
ASYMPTOTICALLY QUASI-NONEXPANSIVE-TYPE MAPPINGS IN
CONVEX METRIC SPACES

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Abstract. In this paper, we give necessary and sufficient conditions for the strong
convergence theorems of three-step random iterative scheme with errors to a common
random fixed point of asymptotically quasi-nonexpansive-type mappings in a convex
separable metric space. Also, we get a common random fixed point of a finite family of
nonself asymptotically quasi-nonexpansive-type mappings in a convex separable metric
space.

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