STRONG CONVERGENCE THEOREMS FOR ACCRETIVE OPERATORS IN BANACH SPACES

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Abstract. In this paper, we introduce a composite iteration scheme for approximating a zero point of accretive operators in the framework of uniformly smooth Banach spaces and reflexive Banach spaces which have a weakly continuous duality mapping, respectively. Our results improve and extend the corresponding results announced by many others.

Key Words and Phrases: Nonexpansive mapping, sunny and nonexpansive retraction, accretive operator.

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