

HYBRID MANN - HALPERN ITERATION METHODS FOR NONEXPANSIVE MAPPINGS AND SEMIGROUPS,

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TÓM TẮT:

In this paper, we introduce some new iteration methods based on the hybrid method in mathematical programming, the Mann's iterative method and the Halpern's method for finding a fixed point of a nonexpansive mapping and a common fixed point of a nonexpansive semigroup Hilbert spaces.