

HYBRID DESCENT - LIKE HALPERN ITERATION METHODS FOR TWO NONEXPANSIVE MAPPINGS AND SEMIGROUPS ON TWO SETS,

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TÓM TẮT:

In this paper, we introduce some new iteration methods based on the hybrid method in mathematical programming, the descent-like iterative method and the Halpern's method for finding a common fixed point of two nonexpansive mappings and nonexpansive semigroups on two closed and convex subsets in Hilbert spaces.