PARALLEL METHODS FOR SOLVING THE SPLIT COMMON NULL POINT PROBLEMS IN TWO BANACH SPACES

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In this talk, we introduce a parallel iterative method which based on the hybrid projection method and prove the strong convergence theorems for solving the split common null point problems in a uniformly convex and uniformly smooth Banach space. And also we give some applications for the problem of finding minimizers of convex functions and the multiple set split feasibility problem (MSSFP) in two Banach spaces. Finally, we give a numerical example to illustrate the effectivity of the new proposed algorithms.

This results are the extensions and improvements of the corresponding ones of [1] and [2].

REFERENCES


