A workshop on Nonlinear Functional Analysis and Its Applications in memory of Professor Ronald E. Bruck

Presenter: Adeolu Taiwo

Title

Tikhonov's regularization and iterative schemes for solving split feasibility and fixed point problems in Hilbert space.

Abstract

We study the split feasibility and fixed point problems for Lipschitzian pseudocontractive and nonexpansive mappings in real Hilbert spaces. Using Tikhonov's regularization technique, we propose and analyze iterative schemes for approximating solutions to such problems.