THE EQUILIBRIUM PROBLEM FOR NONSPREADING-TYPE MAPPINGS IN HILBERT SPACES

Yi-Xin Wen and Qi-Kuan Liu

Abstract

In this paper, an iterative algorithm for equilibrium problems and a class of strictly pseudononsparing mappings which is more general than the class of nonsparing mappings studied recently in Kurokawa and Takahashi [23] is proposed. Some weak convergence theorems are proved under suitable conditions in Hilbert space.

Keywords and phrases: equilibrium problems, weak convergence, \( k \)-strictly pseudononsparing mappings, nonsparing mappings, fixed points.

Received June 10, 2014

References


