O'Regan, D., Shahzad, N., Agarwal, R.P.

Birkhoff-Kellogg and best proximity pair results

(2006) Bulletin of the Belgian Mathematical Society - Simon Stevin, 13 (4), pp. 645-655. Cited 1 time.

Abstract

The paper presents new Birkhoff-Kellogg type theorems for maps in the S-KKM class. Best proximity pair theorems are also established for the admissible class Θ ck and the PK class.

Author Keywords

Countably condensing maps; Invariant direction; Proximity pair theorems; S-KKM maps

ISSN: 13701444

^a Department of Mathematics, National University of Ireland, Galway, Ireland

^b Department of Mathematics, King Abdul Aziz University, P.O. Box 80203, Jeddah 21589, Saudi Arabia

^c Department of Mathematical Sciences, Florida Institute of Technology, Melbourne, FL 32901, United States