SEMI-OPEN SETS IN BICLOSURE SPACES

JEERANUNT KHAMPAKDEE AND CHAWALIT BOONPOK

Department of Mathematics, Brno University of Technology
Technická 2, 616 69 Brno, Czech Republic

e-mail: jeeranunt@hotmail.com

Abstract

The aim of this paper is to introduce and study semi-open sets in biclosure spaces. We define semi-continuous maps and semi-irresolute maps and investigate their behavior. Moreover, we introduce pre-semi-open maps in biclosure spaces and study some of their properties.

Keywords: closure operator, biclosure space, semi-open set, semi-continuous map, semi-irresolute map, pre semi-open map.

2000 Mathematics Subject Classification: 54A05.

References


Received 29 April 2009
Revised 1 July 2009