SEMI-COMPACTNESS SPECTRUM IN GRADED DITOPOLOGICAL TEXTURE SPACES

RAMAZAN EKMEKCİ

Abstract. In this paper, using the spectrum idea, semi-openness and semi-(di)compactness in graded ditopological texture spaces are defined as generalizations of semi-openness and semi-(di)compactness in ditopological texture spaces. Also semi-(di)compactness spectrum and its relationship with semi-(di)compactness in ditopological texture spaces are studied.

REFERENCES


Received 12 January 2021

DEPARTMENT OF MATHEMATICS, FACULTY OF ARTS AND SCIENCES, KIRKLARELI UNIVERSITY, 39100, KIRKLARELI, TURKEY

Email address: rekmekci@klu.edu.tr

2010 Mathematics Subject Classification. 54A05; 54D30; 54C08.

Key words and phrases. Semi-dicompactness spectrum, graded ditopology, texture.