$g^{*}\text{bp}$-CONTINUOUS, ALMOST $g^{*}\text{bp}$-CONTINUOUS AND WEAKLY $g^{*}\text{bp}$-CONTINUOUS FUNCTIONS

ALIAS B. KHALAF$^1$, SUZAN N. DAWOD$^2$, SAEID JAFARI$^3$

Abstract. In this paper we introduce new types of functions called $g^{*}\text{bp}$-continuous function, almost $g^{*}\text{bp}$-continuous function, and weakly $g^{*}\text{bp}$-continuous function in topological spaces and study some of their basic properties and relations among them.

References


2010 Mathematics Subject Classification. 30C45.
Key words and phrases. $g^{*}\text{b}$-closed set, $g^{*}\text{bp}$-continuous, almost $g^{*}\text{bp}$-continuous, weakly $g^{*}\text{bp}$-continuous.

Received 9 July 2014

1Department of Mathematics, Faculty of Science, University of Duhok, Kurdistan-Region, Iraq
2Department of Mathematics, Faculty of Science, University of Zakho, Kurdistan-Region, Iraq
3College of Vestsjaelland South, Herrestraede 11, 4200 Slagelse, Denmark

E-mail address: 1 aliasbkhalaf@gmail.com, 2 suzan.dawod@yahoo.com, 3 jafaripersia@gmail.com