ALMOST CONTRA-*b*-CONTINUOUS FUNCTIONS

T. Noiri and N. Rajesh

Abstract. In [1], the authors introduced and studied the notion of almost contra-*b*-continuity in topological spaces. In this paper, we investigate some more properties of this type of continuity.

1   Introduction Generalized open sets play a very important role in General Topology and they are now the research topics of many topologists worldwide. Indeed a significant theme in General Topology and Real analysis concerns the various modified forms of continuity, seperation axioms etc. by utilizing generalized open sets. One of the most well known notions and also an inspiration source is the notion of *b*-open [2] sets introduced by Andrijevic in 1996. This class is a subset of the class of semi-preopen sets [3], that is a subset of a topological space which is contained in the closure of the interior of its closure. Also, a class of *b*-open sets is a superset of the class of semi-open sets [17], that is a set which is contained in the closure of its interior, and the class of preopen sets [19], that is a set which is contained in the interior of its closure. Andrijevic studied several fundamental and interesting properties of *b*-open sets. In [1], the authors introduced and studied the notion of almost contra-*b*-continuity in topological spaces. In this paper, we investigate some more properties of this type of continuity.