DELTA GENERALIZED CLOSED AND GENERALIZED DELTA CLOSED SETS IN BITOPOLOGICAL SPACES

F. H. Khedr and O. R. Sayed

Abstract:

In this paper, we introduce the concepts of delta generalized closed, generalized delta closed and delta star generalized closed sets in bitopological spaces and study some of its properties and its relations with other types of closed sets. Also we study some properties of weak forms of separation axioms.

Keywords:

bitopological space, $ij \delta g$-closed set, $ij g \delta$-closed set, $ij g \delta^*$-closed set, $4 ij T3$-space, pairwise $2 T1$ space, pairwise almost weakly Hausdorff space, pairwise $T\delta$ space.

Published In:

Universal Journal of Mathematics and Mathematical Sciences, Volume 14, Number 1, pp. 13-28