Abstract

The purpose of this paper is to introduce and study the concepts of intuitionistic fuzzy generalized b closed sets and intuitionistic fuzzy generalized b open sets in intuitionistic fuzzy topological space. We investigate some of their properties. Further the notion of intuitionistic fuzzy gbT_{1/2} spaces and intuitionistic fuzzy gbT_b spaces are introduced and studied.


Index Terms

Computer Science Fuzzy Systems

Keywords

Intuitionistic fuzzy topology intuitionistic fuzzy generalized b closed sets
intuitionistic fuzzy generalized b open sets

intuitionistic fuzzy gbT1/2 spaces and intuitionistic fuzzy gbTb spaces