Abstract

This paper is devoted to the study of intuitionistic fuzzy topological spaces. In this paper an intuitionistic fuzzy regular weakly generalized closed set and intuitionistic fuzzy regular weakly generalized open set are introduced. Some of its properties are studied. Also we have provided some applications of intuitionistic fuzzy weakly generalized closed set namely intuitionistic fuzzy rwT1/2 space and intuitionistic fuzzy rwgT1/2 space.

References

Regular Weakly Generalized Closed Sets in Intuitionistic Fuzzy Topological Spaces

- L. A. Zadeh, Fuzzy sets, Information control, 8 (1965) 338-353.

Index Terms

Computer Science  Fuzzy Systems

Keywords

Intuitionistic Fuzzy Topology  Intuitionistic Fuzzy Regular Weakly Generalized Closed Set
Intuitionistic Fuzzy Regular Weakly Generalized Open Set
Intuitionistic Fuzzy Rwt1/2 Space And Intuitionistic Fuzzy Rwgt1/2 Space