Abstract

In this paper, we introduce fuzzy g*s-closed sets in fuzzy topological spaces and study its properties. The study centres around general properties of fuzzy g*s-closed sets and compactness for fuzzy topological spaces via fuzzy g*s-open sets. Fuzzy filterbases are used to characterize fuzzy g*s-compactness and fuzzy g*s-closed spaces.

References

- G. B. Navalagi, Definition bank in general topology.
Index Terms

Computer Science  Applied Mathematics

Keywords
Fuzzy G*-closed Set  Fuzzy G*-compactness  Fuzzy G*-closed Space