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