Abstract

The aim of this paper is to introduce the concept of fuzzy \( \sigma \)-generalized closed set and study its properties. Secondly the concept of infra L-fuzzy topological space is introduced. Making use of fuzzy \( \sigma \)-closed sets and fuzzy \( \sigma \)-generalized closed sets the concept of fuzzy \( \sigma \)-generalized continuous mapping is introduced. Lastly the concept of fuzzy \( \sigma \)-generalized closed irresolute map in L-fuzzy topological spaces are given.

References

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Index Terms

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Keywords

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