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INTUITIONISTIC DOUBLE FRAMED T-SOFT FUZZY SETS

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ABSTRACT

The aim of this article is to introduce the concept of intuitionistic double framed T-soft fuzzy sets which is a generalization of the concept of double framed T-soft fuzzy sets. The notions of intuitionistic double framed T-soft fuzzy sets are discussed with the support of operations and by using these operations, some elementary properties are investigated. Furthermore, the above mentioned idea is applied in BF-algebras and BCI/BCK-algebras in terms of intuitionistic double framed T-soft fuzzy-algebras and intuitionistic double framed B-soft fuzzy algebras and additionally, their relationships are investigated.

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