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**On  $n$ -fold fuzzy implicative/commutative ideals of BCK-algebras.** (English) Zbl 0993.06017

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Summary: We consider the fuzzification of the notions of  $n$ -fold implicative ideal and  $n$ -fold (weak) commutative ideal. We give characterizations of  $n$ -fold fuzzy implicative ideals. We establish an extension property for  $n$ -fold fuzzy commutative ideals.

**MSC:**

**06F35** BCK-algebras, BCI-algebras

Cited in 1 Document

**Keywords:**

BCK-algebra;  $n$ -fold fuzzy commutative ideals;  $n$ -fold fuzzy implicative ideals

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