

FUZZY FILTERS OF A BCK-ALGEBRA

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Received November 26, 2012

ABSTRACT. We study fuzzy filters of a BCK-algebra and characterize fuzzy s -prime filters and fuzzy maximal filters of a BCK-algebra.

Key words and phrases. BCK-algebra; distributive lattice; fuzzy filter; fuzzy prime filter; fuzzy s -prime filter; fuzzy maximal filter.