

عنوان مقاله:

L-Normal fuzzy filters of a distributive lattice

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خلاصه مقاله:

In this paper, we study the concept of L-normal fuzzy filters of distributive lattices in terms of annihilates. We also study the special class of fuzzy filters called L-normal fuzzy filters. Further, a set of equivalent conditions are derived for an L-fuzzy filter to be an L-normal fuzzy filter, which leads to a characterization of disjunctive lattices. We observe that every L-normal fuzzy filter is the intersection of all L-prime normal fuzzy filters containing it. Finally, we study the space of L-prime normal fuzzy filters and investigate some of their properties.

کلمات کلیدی:

Distributive lattice, normal filter, L-fuzzy filter, L-normal fuzzy filter, L-prime normal fuzzy filter

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