

عنوان مقاله:

Discussions on filters in BL-algebras

محل انتشار:

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خلاصه مقاله:

In this paper, we define σ -normal filters, σ -fantastic filters, σ -obstinate filters, σ -integral filters, σ -semi-integral filters in BL-algebras, then we state and prove some theorems to characterize these concepts. In this paper, we begin an algebraic investigation of new types of σ -filters in BL-algebras; which contains definitions, and their relationship. Finally, equivalent conditions are provided for easier study of these types of filters in BL-algebras and some important classes of BL-algebras and their connections are presented.

کلمات کلیدی:

σ -fantastic filter, σ -(semi) integral filter, σ -normal filter, σ -obstinate filter

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