عنوان مقاله:

Intuitionistic Fuzzy Soft Filters of Hoop-algebras

محل انتشار:

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نویسنده:

Shokoofeh Ghorbani - *Associate Professor, Department of Mathematics, Shahid Bahonar University of Kerman, Kerman, Iran,*

خلاصه مقاله:

In this paper, the notion of intuitionistic fuzzy soft filters of a hoop-algebra is introduced and some basic related properties are investigated. Then the generated intuitionistic fuzzy soft filters are studied. We prove that the lattice of all the intuitionistic fuzzy soft filters of a hoop-algebra is a complete lattice. Then we determine the compact elements of this lattice and show that it is an algebraic lattice.

کلمات کلیدی:

Hoop algebra, Intuitionistic fuzzy filters, Soft set, Lattice

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