Abstract

In this paper, we study Moldtsov notion of soft set and fuzzy soft set considering the fact that the parameters are mostly fuzzy hedges or fuzzy parameters. We also, study the notion of fuzzy soft lattice on groups, homomorphic image, pre-image of fuzzy soft lattices, arbitrary family of fuzzy soft lattices and fuzzy normal soft lattices using T-norms. Also the notion of sensible fuzzy soft lattice in groups and some related properties on it are investigated.
New Construction of Fuzzy Soft Lattices

Reference


Index Terms

Computer Science       Applied Mathematics

Key words

Soft set               Soft lattice             fuzzy soft lattice
Sensible fuzzy normal lattice

direct product