APPLICATION OF L-FUZZY SOFT SETS IN SEMIHYPERGROUPS

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Communicated by Mihai Postolache

Abstract. In this paper, L-fuzzy soft subsemihypergroups, L-fuzzy soft left (right, two-sided) hyperideal of a semihypergroup S over U are defined, where L denotes a complete bounded distributive lattice. Furthermore, L-fuzzy soft prime (semiprime) hyperideals of S over U are studied. Some characterizations of those semihypergroups for which each hyperideal is prime (semiprime) are also given.

REFERENCES


Received: March 30, 2017. Revised: June 21, 2017.
2010 Mathematics Subject Classification: 20M12, 20M17.
Key words and phrases: L-fuzzy soft subsemihypergroups, L-fuzzy soft left (right, two-sided) hyperideal, L-fuzzy soft prime (semiprime) hyperideal, L-fuzzy soft semisimple semihypergroups.

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