عنوان مقاله:

L-FUZZY CONVEXITY INDUCED BY L-CONVEX FUZZY SUBLATTICE DEGREE

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خلاصه مقاله:

In this paper, the notion of L-convex fuzzy sublattices is introduced and their characterizations are given. Furthermore, the notion of the degree to which an L-subset is an L-convex fuzzy sublattice is proposed and its some characterizations are given. Besides, the L-convex fuzzy sublattice degrees of the homomorphic image and pre-image of an L-subset are studied. Finally, we obtain an L-fuzzy convexity, which is induced by the L-convex fuzzy sublattice degrees, in the sense of Shi and Xiu.

کلمات کلیدی:

L-convex fuzzy sublattice, Implication operator, L-convex fuzzy sublattice degree, L-fuzzy convexity

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