عنوان مقاله:
On L-double fuzzy rough sets

نویسندگان:

A. A. Abd El-latif - *Department of Mathematics, Faculty of Science and Arts at Belqarn, P. O. Box ۶۰, Sabt Al-Alaya ۶۱۹۸۵, Bisha University, Saudi Arabia*

A. A. Ramadan - *Department of Mathematics, Beni-suef University, Beni-suef, Egypt*

خلاصه مقاله:

ur aim of this paper is to introduce the concept of L-double fuzzy rough sets in whichboth constructive and axiomatic approaches are used. In constructive approach, a pairof L-double fuzzy lower (resp. upper) approximation operators is defined and the basic properties of them are studied.From the viewpoint of the axiomatic approach, a set of axioms is constructed to characterize the L-double fuzzy upper (resp. lower) approximation of L-double fuzzy rough sets. Finally, from L-double fuzzy approximation operators, we generated Alexandrov L-double fuzzy topology.

کلمات کلیدی:

L-fuzzy sets, L-double fuzzy relations, L-double fuzzy rough sets, L-double fuzzy approximation operators, L-double fuzzy topology

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