عنوان مقاله:

Weighted similarity measure on interval-valued fuzzy sets and its application to pattern recognition

محل انتشار:

مجله سیستم های فازی, دوره 11, شماره 5 (سال: 1393)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

A new approach to define the similarity measure betweeninterval-valued fuzzy sets is presented. The proposed approach isbased on a weighted measure in which the normalized similaritiesbetween lower functions and also between upper functions arecombined by a weight parameter. The properties of this similaritymeasure are investigated. It is shown that, the proposed measurehas some advantages in comparison with the commonly usedsimilarity measures.

کلمات کلیدی:

Interval-valued fuzzy set, Intuitionistic fuzzy set, Pattern recognition, Similarity measure

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