

عنوان مقاله:

An improvement on a ranking method

محل انتشار:

یازدهمین کنفرانس سیستم های فازی ایران (سال: 1390)

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خلاصه مقاله:

Sign distance method is a well-known method for ranking of fuzzy numbers. However, in this paper, we show that the sign distance method has some drawbacks, i.e., the result is not consistent with human intuition for special cases and this method can not always logically infer ranking order of the images of the fuzzy numbers. To overcome these problems, we introduce a modification of the sign distance method. Also, we present several properties for modified sign distance method while the original method has not some of them.

کلمات کلیدی:

Fuzzy number, Ranking of fuzzy numbers, Modified sign distance method

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