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Some results on the addition of fuzzy intervals. (English) Zbl 1010.03524
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Summary: A simple new method of computing the T -sum of fuzzy intervals, having the same results as the sum of fuzzy intervals based on the weakest t -norm T_W , is introduced. This work extends that of *R. Mesiar* [Fuzzy Sets Syst. 91, 231-237 (1997; Zbl 0919.04011)] and *A. Marková-Stupňanová* [Fuzzy Sets Syst. 91, 253-258 (1997; Zbl 0919.04010)].

MSC:

03E72 Theory of fuzzy sets, etc.

Cited in 12 Documents

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fuzzy arithmetic; triangular norm; T -sum of fuzzy intervals

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