

Erratum

Fuzzy system reliability analysis using fuzzy number arithmetic operations

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In the above paper, the formulas (11), (14), and (15), and Fig. 4 should be revised, respectively, by

$$(a_1, b_1, c_1) \ominus (a_2, b_2, c_2) = (a_1 - c_2, b_1 - b_2, c_1 - a_2) \quad (11)$$

$$(a_1, b_1, c_1) \oslash (a_2, b_2, c_2) = (a_1/c_2, b_1/b_2, c_1/a_2) \quad (14)$$

$$\tilde{A} \ominus \tilde{B} = (8, 10, 12) \ominus (4, 5, 6) = (2, 5, 8) \quad (15)$$

$$\tilde{A} \oslash \tilde{B} = (8, 10, 12) \oslash (4, 5, 6) = (8/6, 2, 3).$$

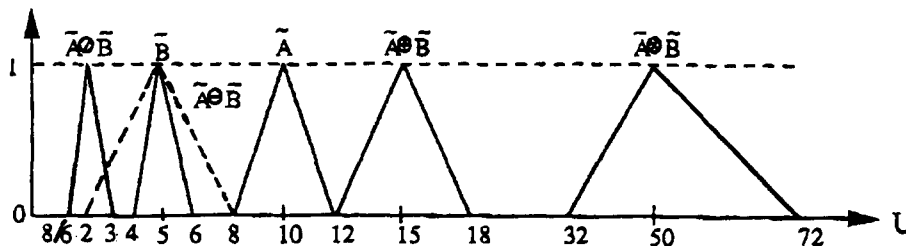


Fig. 4. Fuzzy number operations.

The alternations do not affect the correctness of the method presented in the paper.