Comment on "Bipolar fuzzy relation equations systems based on the product t-norm"

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Abstract

This note provides counterexamples to illustrate that Theorem 4 which is proposed by Cornejo, Lobo and Medina [M. E. Cornejo, D. Lobo, J. Medina, Bipolar fuzzy relation equations systems based on the product t-norm. Mathematical Methods in the Applied Sciences. 2019,42(17):5779-5793] is incorrect. The incorrect of Theorem 4 is due to the inaccuracy of the definition of feasible pair. Then we present the correction of the definition of feasible pair to the contention.

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Bipolarfuzzyrelationequations.pdf available at https://authorea.com/users/401710/articles/513706-comment-on-bipolar-fuzzy-relation-equations-systems-based-on-the-product-t-norm