



GENERALIZED FUZZY HUNGARIAN METHOD FOR GENERALIZED TRAPEZOIDAL FUZZY TRANSPORTATION PROBLEM WITH RANKING OF GENERALIZED FUZZY NUMBERS

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ABSTRACT

In this paper, a method of ranking of generalized trapezoidal fuzzy numbers is proposed. Also using the proposed ranking method, generalized fuzzy Hungarian method to find the initial solution of generalized trapezoidal fuzzy transportation problem is proposed. This new approach is applied to a numerical example and it works well.

KEYWORDS: Fuzzy Numbers, Trapezoidal Fuzzy Numbers, Generalized Trapezoidal Fuzzy Numbers, Ranking of Generalized Fuzzy Numbers