Abstract

In the present paper a new method proposed for the solution of unbalanced transportation problems with Trapezoidal Shaped Generalized Fuzzy Numbers (TPSGFN) using centroid ranking technique via zero suffix method. Numerical examples show that this technique offers effective way for handing the unbalanced fuzzy transportation problem with imprecise render and requirement condition. The advantage of the proposed method over the existing methods is to find fuzzy optimal solution does not involve only the dummy destination. The method has simple algorithms for computed and the study is checked with numerical examples.

References

Unbalanced Transportation Problems in Fuzzy Environment using Centroid Ranking Technique

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Index Terms

Computer Science
Fuzzy Systems

Keywords
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