IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 3, November 2022
Impact Factor: 6.252

New Methodology for Assignment Problems in Trapezoidal Fuzzy Numbers

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Abstract: *In order to solve a fuzzy Assignment Problem (FAP), a new idea was adopted. In this problem, C symbolises the cost of assigning n jobs to n workers, and it has been regarded trapezoidal fuzzy numbers. The appropriate way for solving FAP is to employ a ranking function for fuzzy costs. By introducing a fuzzy number into the costs, a numerical example is analysed.*

Keywords: Assignment problem, Trapezoidal Fuzzy numbers, Ranking function.

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