

SEARCH FOR MINIMUM COST USING TRANSPORTATION Modified DISTRIBUTION

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Thesis, Information System, 2000

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Keyword: Minimum Transportation Cost Savings, Modified Distribution Method

Abstract:

The need for engineering operations research is needed to solve the problems of management in taking decisions, especially on the optimal allocation of resources-resources that are available on the company's operations. problems in allocating a jet of fuel in units of gallons from each vendor to each distribution for the airport should be regulated more effectively and minimize the total transportation cost. therefore used the modified distribution method for minimizing the total cost of transportation. in the distribution of modified method designed values U_i and v_j values with the formula $C_{ij} = U_i + v_j$ for all base variables, the calculation of changes in costs (C_{ij}) with $C_{ij} = C_{ij} - U_i - V_j$ for non-base variables, as well as a closed path based on the process of stepping stone. with the MODI methods, the authors hope that these methods can be one solution to the problem of management to improve efficiency and effectiveness can.

Bibliography: 6 (1983– 1999)

