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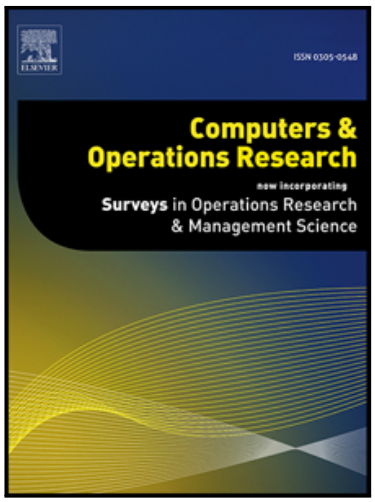

A feasible flow-based iterative algorithm for the two-level hierarchical time minimization transportation problem

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PII: S0305-0548(17)30113-2
DOI: 10.1016/j.cor.2017.05.003
Reference: CAOR 4240

To appear in: *Computers and Operations Research*

Received date: 22 September 2016
Revised date: 3 January 2017
Accepted date: 3 May 2017

Please cite this article as: Fanrong Xie , Muhammad Munir Butt , Zuoan Li , A feasible flow-based iterative algorithm for the two-level hierarchical time minimization transportation problem, *Computers and Operations Research* (2017), doi: 10.1016/j.cor.2017.05.003

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Highlights

- We study the THTMTP (two-level hierarchical time minimization transportation problem)
- We construct a mathematical model with better applicability to formulate the THTMTP
- We develop a feasible flow-based polynomial time algorithm to solve the model
- Our algorithm overcomes successfully the shortcomings of the two existing approaches
- Our algorithm can serve as efficient tool to solve other related optimization problem

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