

Accepted Manuscript

A multi-start iterated local search algorithm for the uncapacitated single allocation hub location problem

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PII: S1568-4946(18)30497-6
DOI: <https://doi.org/10.1016/j.asoc.2018.08.035>
Reference: ASOC 5066

To appear in: *Applied Soft Computing Journal*

Received date: 10 March 2018
Revised date: 9 August 2018
Accepted date: 24 August 2018

Please cite this article as: J. Guan, et al., A multi-start iterated local search algorithm for the uncapacitated single allocation hub location problem, *Applied Soft Computing Journal* (2018), <https://doi.org/10.1016/j.asoc.2018.08.035>

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- A competitive multi-start iterated local search algorithm is proposed.
- Applying a promising solutions selection to save running time.
- Presenting a perturbation mechanism to achieve diversification.
- Out of 56 instances tested, we find 53 best known solutions and improve 3.

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