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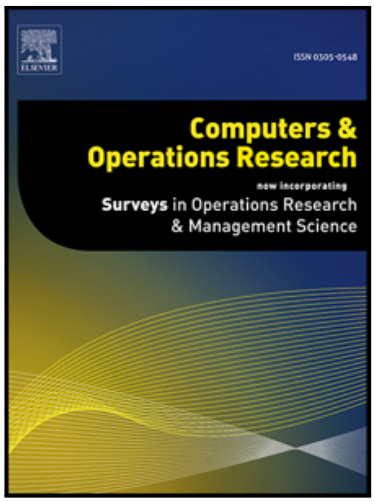

Exact Method for the Capacitated Competitive Facility Location Problem

Vladimir Beresnev, Andrey Melnikov

PII: S0305-0548(18)30052-2
DOI: 10.1016/j.cor.2018.02.013
Reference: CAOR 4418

To appear in: *Computers and Operations Research*

Received date: 6 March 2017
Revised date: 7 December 2017
Accepted date: 22 February 2018

Please cite this article as: Vladimir Beresnev, Andrey Melnikov, Exact Method for the Capacitated Competitive Facility Location Problem, *Computers and Operations Research* (2018), doi: 10.1016/j.cor.2018.02.013

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Highlights

- The model of the competitive location, where two parties sequentially open facilities with bounded capacities, is studied.
- New constraints strengthening the model providing an upper bound for the optimum are suggested.
- An exact method is developed on the basis of the proposed upper bound.
- Numerical and theoretical study of the developed procedures and comparison with the previously published ones is performed.

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