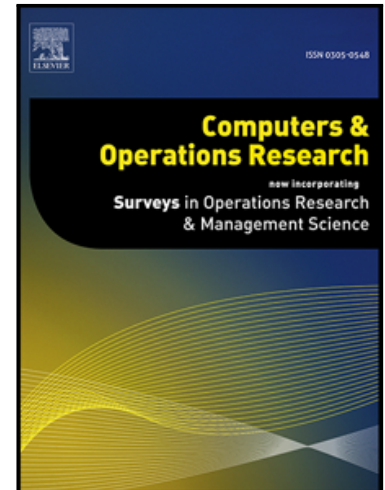


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The Weber Obnoxious Facility Location Model: A Big Arc Small Arc Approach

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Highlights

- We define a new problem, “The Weber obnoxious facility location model” and present numerous potential applications and extensions.
- We present a new geometric solution strategy: Big Arc Small Arc (BASA).
- For the Manhattan distance we identify a finite dominating set.
- We present extensive numerical results which show that the problem can be solved efficiently.
- We also compare our approaches.

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