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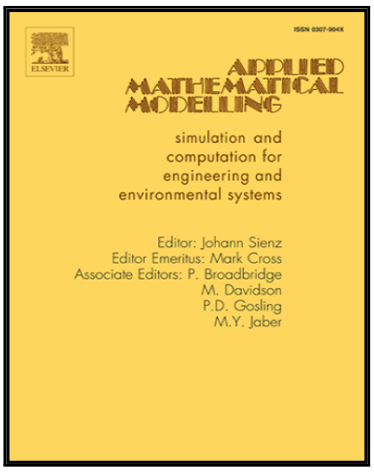

A New Efficient Approach for Solving the Capacitated Vehicle Routing Problem Using the Gravitational Emulation Local Search Algorithm

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Highlights

- Capacitated vehicle routing problem plays an important role in reducing the costs of transportation in distribution logistics.
- We solved this problem using the Gravitational Emulation Local Search Algorithm.
- Proposed algorithm is a comparative method to solve the problem and could obtain high quality solutions.
- The aim of this algorithm is to reduce the runtime and find the shortest path between customers.
- One advantages of the proposed algorithm over compared algorithms is reduced time for running.

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