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Formulations and Algorithms for the Pickup and Delivery Traveling Salesman Problem with Multiple Stacks

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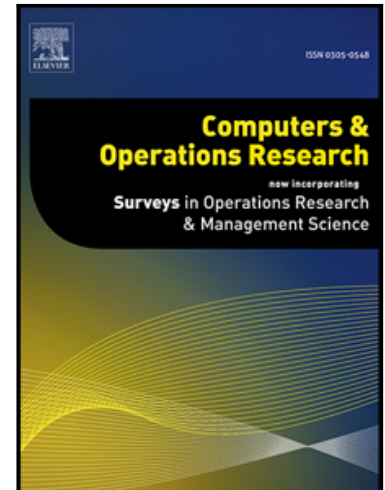
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## Highlights

- We introduce new Integer Linear Programming formulations for the Pickup and Delivery Traveling Salesman Problem with Multiple Stacks.
- We propose valid inequalities for the formulations along with separation procedures for each of them.
- We implement Branch & Cut algorithms for the proposed formulations.
- Computational results show that the developed algorithms outperforms the other exact algorithms in the literature.
- We obtained new proven optimal solutions for several benchmark instances.

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