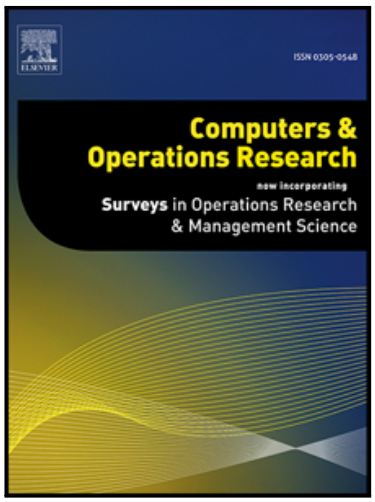

A memetic algorithm for the Cost-oriented Robotic Assembly Line Balancing Problem

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Highlights

- We put forward a novel cost-oriented line balancing problem
- Several properties and special cases of the problem are studied
- We design a memetic algorithm that hybridises these properties with a genetic algorithm
- Computational experiments highlight the contributions of each component to the quality of the proposed method