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Exact and heuristic algorithms for order acceptance and scheduling with sequence-dependent setup times

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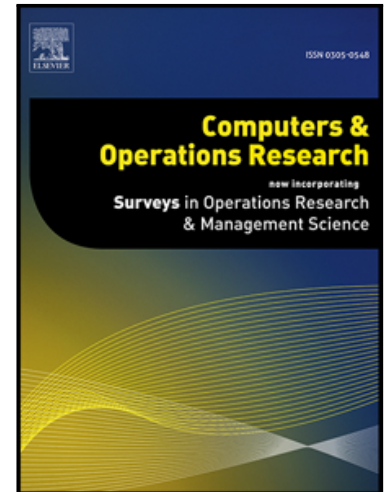
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Highlights

- A new arc-time-indexed formulation is proposed for the problem
- A Lagrangian relaxation procedure is implemented within a branch-andbound scheme
- We present a branch-and-price algorithm based on an arc-time-indexed formulation
- An iterated local search heuristic is proposed to obtain high quality primal bounds
- Several improved lower and upper bounds are reported

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