

## Accepted Manuscript

A Metaheuristic Algorithm and Simulation to Study the Effect of Learning or Tiredness on Sequence-Dependent Setup Times in a Parallel Machine Scheduling Problem

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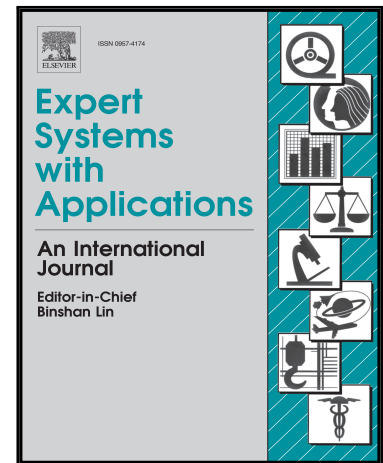
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**Highlights**

- Learning and deterioration effects on sequence-dependent setup times in a parallel machine scheduling problem
- Variable Neighborhood Search to provide a set of high-quality and diverse solutions
- Simulation model based on the agent-based simulation paradigm to handle randomness

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