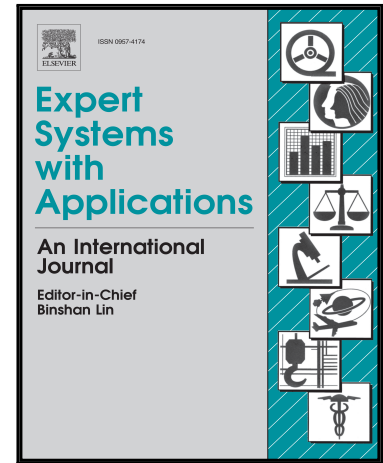


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A Multi-Objective, Simulation-Based Optimization Framework for Supply Chains with Premium Freights

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Highlights

- A simulation-based optimization framework is developed for inventory optimization.
- A decomposition-based multi-objective differential evolution algorithm is developed.
- The proposed framework is implemented to a multi-national automotive supply chain.
- The framework yields better results than NSGA-II and the current operating condition.

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