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Measurement and Optimization of Responsiveness in Supply Chain Networks with Queueing Structures

Sin-Hoon Hum, Mahmut Parlar, Yun Zhou

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Highlights

- Uses Markovian queueing networks to model endogenous supply chain systems
- Measures and optimizes supply chain responsiveness
- Closed-form results for measuring responsiveness in the serial supply chain
- Converts the Jackson-type supply chain into a single-stage queueing system
- Detailed numerical examples are provided

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