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An efficient method for solving a correlated multi-item inventory system

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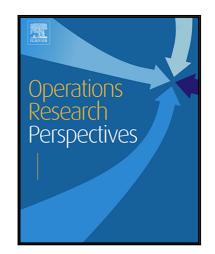
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## Highlights

- We propose an efficient method for solving a multi-item continuous review inventory model
- We utilize appropriate normalizations of the demands for their correlation
- We show that the set of equations coupled with different items can be decoupled
- We show that the solution procedure for the proposed method can be much simpler
- The proposed method was analyzed in terms of the sensitivity analysis

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