Accepted Manuscript

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

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PII: S2214-7160(17)30053-2
DOI: 10.1016/j.orp.2017.11.002
Reference: ORP 54

To appear in: Operations Research Perspectives

Received date: 6 April 2017
Revised date: 18 October 2017
Accepted date: 24 November 2017

Please cite this article as: Chang-Yong Lee, Dongju Lee, An efficient method for solving a correlated multi-item inventory system, Operations Research Perspectives (2017), doi: 10.1016/j.orp.2017.11.002

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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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