



232 | 4 | 0
Views | CrossRef citations to date | Altmetric

Original Articles

Note on: An integrated vendor-buyer cooperative inventory model for items with imperfect quality

Daesung Ha & Seung-Lae Kim

Pages 950-953 | Received 01 Oct 2007, Accepted 23 Apr 2008, Published online: 17 Jun 2011

Cite this article <https://doi.org/10.1080/09537287.2011.586876>

Sample our
Engineering & Technology
Journals
>> [Sign in here](#) to start your access
to the latest two volumes for 14 days

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

Abstract

Huang [Huang, C., 2002. An integrated vendor-buyer cooperative inventory model for items with imperfect quality. *Production Planning and Control*, 13 (4), 355-361] proposes an integrated inventory model which allows a vendor and a buyer to minimise their expected integrated total cost function when the vendor's production process is not perfect. This note identifies two errors in the paper and provides a reformulation of the model.

Keywords:

integrated approach

vendor and buyer

imperfect quality

Related Research Data

Economic production quantity model for items with imperfect quality

Source: International Journal of Production Economics

Solving a vendor-buyer integrated problem with rework and a specific multi-delivery policy by a two-phase algebraic approach

Source: Economic Modelling

The optimal pricing and ordering policy for an integrated inventory model when trade credit linked to order quantity

Source: Applied Mathematical Modelling

Determining production-shipment policy for a vendor-buyer integrated system with rework and an amending multi-delivery schedule

Source: Economic Modelling

The economic lot size of the integrated vendor-buyer inventory system derived without derivatives: A simple derivation

Source: Applied Mathematics and Computation

An integrated vendor-buyer model with stock-dependent demand

Source: Transportation Research Part E Logistics and Transportation Review

Determination of economic production-shipment policy for a single-vendor-single-buyer system

Source: European Journal of Operational Research

How far should JIT vendor-buyer relationships go?

Source: International Journal of Production Economics

A stochastic periodic review inventory model for vendor-buyer system with setup cost reduction and service-level constraint

Source: Production and Manufacturing Research: An Open Access Journal

An integrated single-vendor single-buyer inventory system with shortage derived algebraically

Source: Production Planning & Control

Optimal pricing and ordering policy for an integrated inventory model with quadratic demand when trade credit linked to order quantity

Source: Journal of Modelling in Management

Note—Comments on “A Quantity Discount Pricing Model to Increase Vendor Profits”

Source: Management Science

An integrated vendor-buyer cooperative inventory model for items with imperfect quality

Source: Production Planning & Control

A vendor-buyer JELS model with stock-dependent demand and consigned inventory under buyer's space constraint

Source: Operational Research

Non-cooperative strategies for production and shipment lot sizing in one vendor-multi-buyer system

Source: International Journal of Production Economics

Implementation of JIT purchasing: An integrated approach

Source: Production Planning & Control

Observation on: "Economic production quantity model for items with imperfect quality" [Int. J. Production Economics 64 (2000) 59-64]

Source: International Journal of Production Economics

An economic order quantity model with defective items and shortages

Source: International Journal of Production Economics

Optimizing the economic lot size of a three-stage supply chain with backordering derived without derivatives

Source: European Journal of Operational Research

Economic ordering quantity models for items with imperfect quality

Source: International Journal of Production Economics

Linking provided by 

Related research

People also read

Recommended articles

Cited by
4

Information for

[Authors](#)

[R&D professionals](#)

[Editors](#)

[Librarians](#)

[Societies](#)

Opportunities

[Reprints and e-prints](#)

[Advertising solutions](#)

[Accelerated publication](#)

[Corporate access solutions](#)

Open access

[Overview](#)

[Open journals](#)

[Open Select](#)

[Dove Medical Press](#)

[F1000Research](#)

Help and information

[Help and contact](#)

[Newsroom](#)

[All journals](#)

[Books](#)

Keep up to date

Register to receive personalised research and resources by email



Sign me up



Copyright © 2025 Informa UK Limited [Privacy policy](#) [Cookies](#) [Terms & conditions](#)

[Accessibility](#)



Taylor & Francis Group
an informa business

Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG