


Production Planning & Control >  
The Management of Operations  
Volume 23, 2012 - [Issue 12](#)

235 | 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  
Economics, Finance,  
Business & Industry 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

## 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 © 2026 Informa UK Limited [Privacy policy](#)

[Cookies](#) [Terms & conditions](#) [Accessibility](#)

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

 Taylor and Francis  
Group