

Production Planning & Control > The Management of Operations

Volume 14, 2003 - Issue 6: Linking manufacturing strategy and production planning and control

198 56

Views CrossRef citations to date Altmetric

Original Articles

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

Kun-Shan Wu & Liang-Yuh Ouyang

Pages 555-561 | Published online: 04 Jun 2010

66 Cite this article ▶ https://doi.org/10.1080/09537280310001613722

> Sample our Engineering & Technology >> Sign in here to start your access to the latest two volumes for 14 days

Full Article Figures & data References

66 Citations

Metrics

Reprints & Permissions

Read this article

Abstract

In previous modellings of the integrated vendor-buyer system for the shortage is the not-allowed case, a new approach to find the buyer's economic order quantity (EOQ) and the vendor's optimal number of deliveries, using some slight algebraic

developments, appeared. This paper extends the mentioned algebraic approach to the

integrate here rev

total cos



About Cookies On This Site

We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy

lt obtained Accept All itegrated **Essential Onl** Settings

The authors greatly appreciate the anonymous referees for their valuable and helpful suggestions regarding earlier version of the paper.

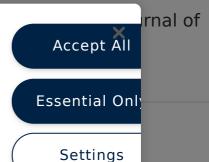
LIANG-YUH OUYANG is a Professor in the Department of Management Sciences at Tamkang University in Taiwan. He earned his PhD from the Graduate Institute of Management Sciences at Tamkang University. His research interests are in the field of production/inventory control, probability and statistics. He has publications in the Journal of the Operational Research Society, Computers and Operations Research, European Journal of Operational Research, Computers and Industrial Engineering, International Journal of Production Economics, IEEE Transactions on Reliability, Sankhā, Metrika, Production Planning & Control, Journal of the Operations Research Society of Japan, opsEARCH, Journal of Statistics & Management Systems, Journal of Interdisciplinary Mathematics, International Journal of Information and Management Sciences. International Journal of Systems Science, Yugoslav Journal of Operations Research, The Engineering Economist, International Journal of Information and Optimization Sciences, Mathematical and Computer Modeling and Applied Mathematical Modelling.

KUN-SHAN WU is an Associate Professor in the Department of Business Administration at Tamkang University in Taiwan. He earned his PhD from the Graduate Institute of Management Sciences at Tamkang University in Taiwan. His research interests are in the field of production/inventory control, probability and statistics. He has published articles in Computers & Industrial Engineering, Computers & Operations Research, International Journal of Information and Management Sciences, International Journal of Information and Optimization Sciences, International Journal of Production Economics, International Journal of Systems Sciences, Journal of Interdisciplinary Mathematics, Journal of Statistics & Management Systems, Journal of the Operational Research Society, opsEARCH, Proceedings of the National Science Council (Part A) – Republic of

China, P Mathem

About Cookies On This Site

We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy





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 © 2024 Informa UK Limited Privacy policy Cookies Terms & conditions



Accessibility

Registered in England & Wales No. 3099067 5 Howick Place | London | SW1P 1WG

About Cookies On This Site



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy



Essential Onl

Settings