



Production Planning & Control >
The Management of Operations
Volume 14, 2003 - [Issue 7](#)

411 Views | 41 CrossRef citations to date | 0 Altmetric

Original Articles

An optimal design for process quality improvement: modelling and application

Jen-Ming Chen & Jia-Chi Tsou

Pages 603-612 | Published online: 06 Oct 2011

📄 Cite this article 🔗 <https://doi.org/10.1080/09537280310001626197>

Sample our Economics, Finance, Business & Industry journals, sign in here to start your access, latest two full volumes FREE to you for 14 days

📄 Full Article Figures & data References Citations Metrics

📄 Reprints & Permissions

Read this article

🔗 Share

We Care About Your Privacy

We and our 913 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting "I Accept" enables tracking technologies to support the purposes shown under "we and our partners process data to provide," whereas selecting "Reject All" or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the ["privacy preferences"] link on the bottom of the webpage [or the floating icon on the bottom-left of the webpage, if applicable]. Your choices will have effect within our Website. For more details, refer to our Privacy Policy. [Here](#)

We and our partners process data to provide:

...

I Accept

Reject All

Show Purpose

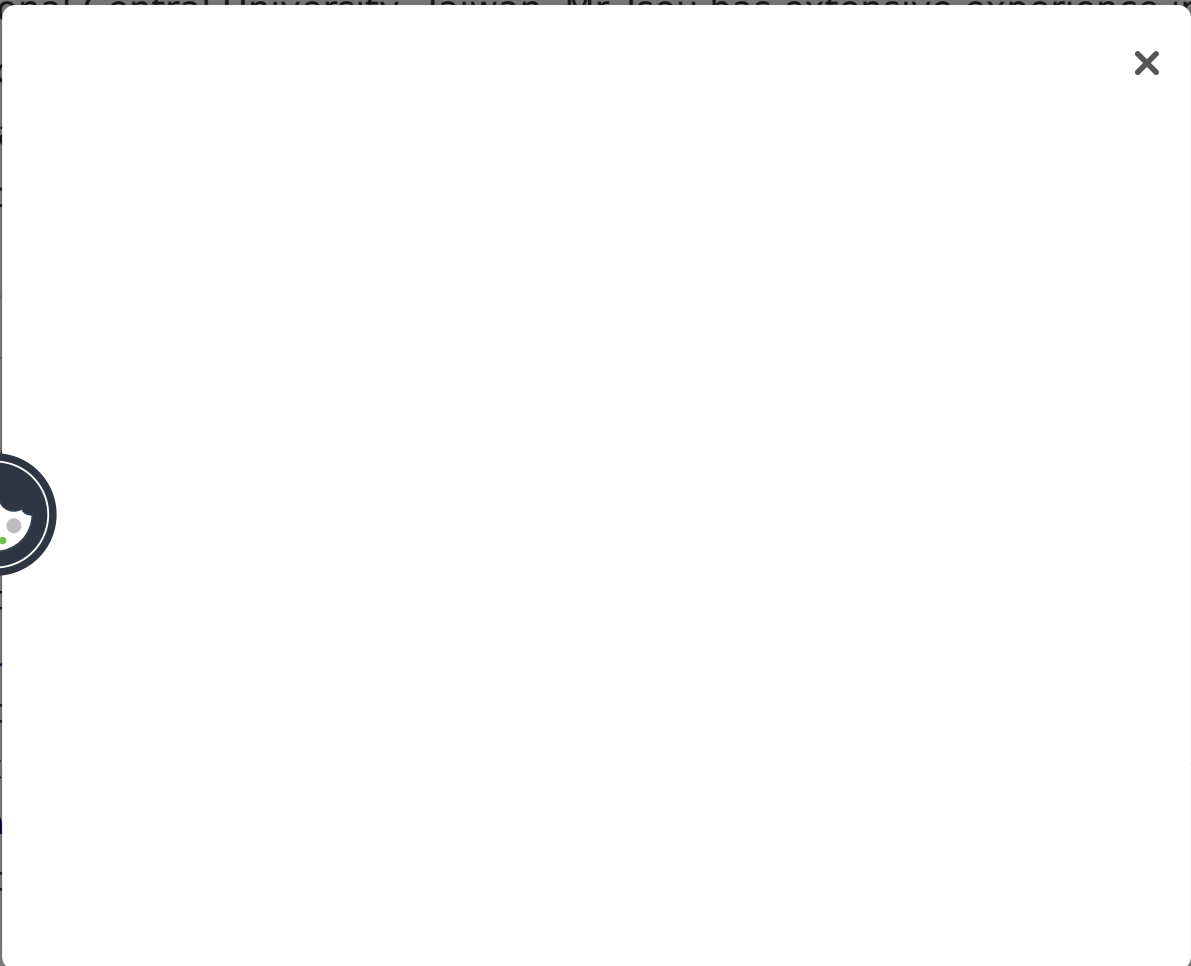


Acknowledgements

We would like to thank the editors and two anonymous referees for their valuable and constructive comments, which have led to a significant improvement in this paper.

JEN-MING CHEN is a Professor at the Institute of Industrial Management at the National Central University, Taiwan. He received a BS in Industrial Management Science from the National Cheng Kung University, Taiwan in 1983, an MS in Industrial Engineering from the University of Arizona in 1988, and a PhD in Industrial Engineering from the Pennsylvania State University in 1992. His research interests include inventory and supply chain management, and pricing and yield management. He is an active member of several professional organizations, including Informs, DSI and IIE. Dr Chen is the recipient of the George B. Dantzig Dissertation Award from the Informs and the recipient of the IIE Doctoral Dissertation Award, both in 1994.

JIA-CHI TSOU, 6-sigma Master Black Belt at Ford Motor Company, is currently a doctoral student at the Institute of Industrial Management at the National Central University, Taiwan. He graduated with an MBA in Small and Medium Enterprises (SMEs) from the University of Liverpool, UK. He also gained an MS and a BS in Mechanical Engineering at the National Central University, Taiwan. Mr Tsou has extensive experience in quality assurance in the industry. His research interests include inventory management in the automotive industry.



Relat
Pr
Sourc
Produ
Sourc
A Tax
Mana
Sourc
Dyna
Source: Operations Research

Yield

An Application of Yield Management to the Hotel Industry Considering Multiple Day Stays

Source: Operations Research

Lot sizes and setup frequency with learning in setups and process quality

Source: European Journal of Operational Research

Yield Management at American Airlines

Source: INFORMS Journal on Applied Analytics

Optimal Lot Sizing, Process Quality Improvement and Setup Cost Reduction

Source: Operations Research

Production Learning and Quality Control


Source: IIE Transactions

Poor-Quality Cost

Source: Unknown Repository

A Quality Control Model with Learning Effects

Source: Operations Research

Linking provided by 

Related research

People also read

Recommended articles

Cited by
41



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 © 2023

Accessibility

Registered in England
5 Howick Place

John Wiley & Francis Group
a John Wiley & Francis business

