Original Articles

A simulated annealing algorithm to the multi-period fixed charge distribution problem associated with backorder and inventory

N. Jawahar ✉, Angappa Gunasekaran & N. Balaji

66 Cite this article   ↗ https://doi.org/10.1080/00207543.2011.581013

📄 Full Article   🖼 Figures & data   📄 References   66 Citations   📊 Metrics

🖨 Reprints & Permissions   Read this article

Abstract

This pap   ciated with
backord   ents,
backord   g the entire
period to   e integer
non-lin   d heuristic
is pr   ed by
compari   olutions.
The com   tions than
the equi   closer to the
lower bo

Acknowledgements

Related Research Data

Capacity and material requirement planning modelling by comparing deterministic and fuzzy models
Source: HAL CCSD

Cost evaluation of a two-echelon inventory system with lost sales and approximately Poisson demand
Source: Zenodo

A genetic algorithm approach to the integrated inventory-distribution problem
Sourc

Capa

Sourc

Integ

mode

Sourc

A

So   RMS)

Appro

Sourc

Synch   n

netwo

Sourc

Solving the Fixed Charge Problem by Ranking the Extreme Points

Source: Institute for Operations Research and the Management Sciences (INFORMS)

A simulated annealing algorithm for job shop scheduling

Source: Informa UK Limited

An experimental evaluation of heuristics for scheduling in a real-life flowshop with sequence-dependent setup times of jobs

Source: Elsevier BV

A systematic procedure for setting parameters in simulated annealing algorithms

Source: Elsevier BV

Successive Linear Approximation Procedure for Generalized Fixed-Charge Transportation Problems

Source: Informa UK Limited

Global Supply Chain Management at Digital Equipment Corporation

Source: Institute for Operations Research and the Management Sciences (INFORMS)

Mathematical programming model for centralised master planning in ceramic tile supply chains

Source: HAL CCSD

An integrated approach for production and distribution planning in supply chain management

Source: Informa UK Limited

A primal decomposition method for the integrated design of multi-period production-distribution systems

Source: Informa UK Limited

An integrated production-distribution model for a multi-national company operating under varying exchange rates

Source: Elsevier BV

A survey of simulated annealing as a tool for single and multiobjective optimization

Sourc[...]

An in[...] a case

Sourc[...]

Apply[...] tation flows[...]

Sourc[...]

H[...] em

So[...]

Coor[...]

Sourc[...]

A hie[...]

Sourc[...]

Produ[...]

Source: Informa UK Limited

Production-inventory games and PMAS-games: Characterizations of the Owen point

Source: Elsevier

Special millennium issue of the EJOR: A global view of industrial logistics

Source: Elsevier BV

Simulated annealing: A tool for operational research

Source: Elsevier BV

A simulated annealing approach to a bi-criteria sequencing problem in a two-stage supply chain

Source: Elsevier BV

A heuristic approach to the multi-period multi-commodity transportation problem

Source: Informa UK Limited

A Lagrangian relaxation approach to multi-period inventory/distribution planning

Source: Informa UK Limited

Stock Wars: Inventory Competition in a Two-Echelon Supply Chain with Multiple Retailers

Source: Institute for Operations Research and the Management Sciences (INFORMS)

Study of simulated annealing based algorithms for multiobjective optimization of a constrained problem

Source: Elsevier BV

Linking provided by Schole×plorer

Related research ⓘ

People also read   Recommended articles   Cited by

Relation...   ...lence from China

Fujun La...
Internati...
Publish...

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