

CONTENTS

Invited Review

- 311 The school bus routing problem: A review
J. Park and B.-I. Kim

Discrete Optimization

- 320 Solving the response time variability problem by means of a genetic algorithm
A. García-Villoria and R. Pastor
- 328 A new model for maximal coverage exploiting GIS capabilities
G. Alexandris and I. Giannikos
- 339 A cooperative local search-based algorithm for the Multiple-Scenario Max-Min Knapsack Problem
A. Sbihi
- 347 Three-dimensional bin packing problem with variable bin height
Y. Wu, W. Li, M. Goh and R. de Souza
- 356 Maximizing the net present value of a project under uncertainty
W. Wiesemann, D. Kuhn and B. Rustem
- 368 A worst case analysis of a dynamic programming-based heuristic algorithm for 2D unconstrained guillotine cutting
X. Song, C.B. Chu, R. Lewis, Y.Y. Nie and J. Thompson
- 379 The nurse rostering problem: A critical appraisal of the problem structure
C.A. Glass and R.A. Knight
- 390 The Tree of Hubs Location Problem
I. Contreras, E. Fernández and A. Marín

Production, Manufacturing and Logistics

- 401 An adaptive memory methodology for the vehicle routing problem with simultaneous pick-ups and deliveries
E.E. Zachariadis, C.D. Tarantilis and C.T. Kiranoudis
- 412 Performance evaluation of distribution strategies for the inventory routing problem
J. Li, H. Chen and F. Chu
- 420 The impact of two-product joint lifecycles on capacity planning of remanufacturing networks
P. Georgiadis and E. Athanasiou
- 434 Worst-case analysis of demand point aggregation for the Euclidean p -median problem
L. Qi and Z.-J.M. Shen
- 444 Strategic wholesale pricing in a supply chain with a potential entrant
T. Xiao and X. Qi
- 456 Optimization of order policies in supply networks
S. Göttlich, M. Herty and C. Ringhofer
- 466 On the empirical performance of (T,s,S) heuristics
M. Zied Babai, A.A. Syntetos and R. Teunter
- 473 An integrated vendor-buyer inventory model with order-processing cost reduction and permissible delay in payments
C.-K. Huang, D.-M. Tsai, J.-C. Wu and K.-J. Chung
- 479 Logistics network design for product recovery in fuzzy environment
Z. Qin and X. Ji
- 491 Distribution systems design with role dependent objectives
J. Kalcsics, S. Nickel, J. Puerto and A.M. Rodríguez-Chía
- 502 Optimal inventory decisions in a multiperiod newsvendor problem with partially observed Markovian supply capacities
H. Wang, B. Chen and H. Yan

Continued on last page of this issue



Instructions for Authors

For the submission of papers to the European Journal of Operational Research please consult the Guide for Authors at <http://authors.elsevier.com/locate/ejor>.

Contents continued from the outside back cover

Innovative Applications of O.R.

- 518 Operations risk management by optimally planning the qualified workforce capacity
E. Fragnière, J. Gondzio and X. Yang
- 528 Credit scoring for profitability objectives
S. Finlay
- 538 A tabu search algorithm for scheduling pharmaceutical packaging operations
L. Venditti, D. Pacciarelli and C. Meloni
- 547 Optimizing the marriage market: An application of the linear assignment model
N.V. Cao, E. Fragnière, J.-A. Gauthier, M. Sapin and E.D. Widmer
- 554 Forecasting cancellation rates for services booking revenue management using data mining
D. Romero Morales and J. Wang
- 563 Efficiency and equity in private and public education: A nonparametric comparison
L. Cherchye, K. De Witte, E. Ooghe and I. Nicaise

Interfaces with Other Disciplines

- 574 Using bid data for the management of sequential, multi-unit, online auctions with uniformly distributed bidder valuations
E. Pinker, A. Seidman and Y. Vakrat
- 584 Firm and industry level profit efficiency analysis using absolute and uniform shadow prices
T. Kuosmanen, M. Kortelainen, T. Sipiläinen and L. Cherchye
- 595 Cost efficiency measures in data envelopment analysis with data uncertainty
A. Mostafaei and F.H. Saljooghi
- 604 Data envelopment analysis with nonlinear virtual inputs and outputs
D.K. Despotis, L.V. Stamati and Y.G. Smirlis