



Operations Research

Publication details, including instructions for authors and subscription information:
<http://pubsonline.informs.org>

Contributors

To cite this article:

(2001) Contributors. Operations Research 49(6):967-969. <https://doi.org/10.1287/opre.49.6.967.10025>

Full terms and conditions of use: <https://pubsonline.informs.org/Publications/Librarians-Portal/PubsOnLine-Terms-and-Conditions>

This article may be used only for the purposes of research, teaching, and/or private study. Commercial use or systematic downloading (by robots or other automatic processes) is prohibited without explicit Publisher approval, unless otherwise noted. For more information, contact permissions@informs.org.

The Publisher does not warrant or guarantee the article's accuracy, completeness, merchantability, fitness for a particular purpose, or non-infringement. Descriptions of, or references to, products or publications, or inclusion of an advertisement in this article, neither constitutes nor implies a guarantee, endorsement, or support of claims made of that product, publication, or service.

© 2001 INFORMS

Please scroll down for article—it is on subsequent pages



With 12,500 members from nearly 90 countries, INFORMS is the largest international association of operations research (O.R.) and analytics professionals and students. INFORMS provides unique networking and learning opportunities for individual professionals, and organizations of all types and sizes, to better understand and use O.R. and analytics tools and methods to transform strategic visions and achieve better outcomes. For more information on INFORMS, its publications, membership, or meetings visit <http://www.informs.org>

Jacqueline Boucher ("Alternative Models of Restructured Electricity Systems, Part 1: No Market Power") is head of quantitative analysis at the Belgian power company ELEC-TRABEL. She manages the corporate Research and Development activities related to the restructuring of the industry and insures the coordination of these activities with the needs of the different departments of the company. She holds a Ph.D. degree in mathematics from the University of Namur.

Fangruo Chen ("Near-Optimal Pricing and Replenishment Strategies for a Retail/Distribution System") is a Professor at the Graduate School of Business, Columbia University. His research interests include mathematical models of production/distribution systems, supply chain management, and marketing/operations coordination issues.

William W. Cooper ("An Illustrative Application of IDEA (Imprecise Data Envelopment Analysis) to a Korean Mobile Telecommunication Company") is the Foster Parker Professor of Finance and Management (Emeritus) at the Red McCombs School of Business, University of Texas at Austin. Professor Cooper's research interests have been concentrated in modeling management and social processes. His interests in recent years have been concentrated on DEA (Data Envelopment Analysis) and related methods of entities which use many different inputs to produce many different outputs with no easily identified "bottom line" available for evaluating their performance.

Awi Federgruen ("Near-Optimal Pricing and Replenishment Strategies for a Retail/Distribution System") is the Charles E. Exley Professor of Management at the Graduate School of Business, Columbia University. His research interests include planning models for logistical systems (production, inventory, and distribution), supply chain management, and operations strategies for service systems. He has also contributed to quantitative methodology, in particular in the areas of applied probability models and dynamic programming.

Youyi Feng ("A Dynamic Airline Seat Inventory Control Model and Its Optimal Policy") is an Associate Professor in the Department of System Engineering and Engineering Management, Chinese University of Hong Kong. His research interests include revenue and risk management

in service industries, quantitative analysis for e-commerce modeling, and supply chain management. The current paper is part of research on airline revenue management in which he and his coauthor, Baichun Xiao, have been engaged.

Paul Glasserman ("Conditioning on One-Step Survival for Barrier Option Simulations") is the Jack R. Anderson Professor and Chairman, Decision, Risk, and Operations Division at the Graduate School of Business, Columbia University. He is interested in many areas of applied probability, including simulation and the development of stochastic models for derivatives pricing and risk management.

David Goldman ("Simple Procedures for Selecting the Best Simulated System When the Number of Alternatives Is Large") is a Professor in the School of Industrial and Systems Engineering at the Georgia Institute of Technology. His research interests lie in the statistical analysis of computer simulation output. His motivation for the work in the current paper is to provide efficient ranking and selection procedures for use in real-world applications such as healthcare and transportation logistics problems.

Jacek Gondzio ("High Performance Computing for Asset-Liability Management") holds an engineering degree and a Ph.D. in electronics, both from the Department of Electronics, Warsaw University of Technology. He worked at the Polish Academy of Sciences and held a number of visiting research positions at the University of Paris Dauphine and the University of Geneva. He is currently affiliated with the Department of Mathematics and Statistics, University of Edinburgh. His research interests are the theory and implementations of large scale optimization methods.

Nicholas G. Hall ("Generating Experimental Data for Computational Testing with Machine Scheduling Applications") is a Professor of Management Science, Operations Management and Industrial Engineering at The Ohio State University. His research interests include manufacturing and scheduling problems, especially those related to modern manufacturing, and applications of operations research.

Sandeep Juneja ("Importance Sampling and the Cyclic Approach") is an Assistant Professor at the Indian Institute of Technology, Delhi. His current research interests include the areas of rare event simulation as well as Internet auctions. A significant portion of this paper was conceptualized

when he did his dissertation under Peter Glynn's supervision at Stanford University.

Selcuk Karabati ("A Min-Max-Sum Resource Allocation Problem and Its Applications") is an Associate Professor of Operations Management at the College of Administrative Sciences and Economics, Koc University, Istanbul, Turkey. His recent research interests include cyclic scheduling and POS databased inventory management.

Ger Koole ("Optimal Transmission Policies for Noisy Channels") is a Professor in the Mathematics and Computer Science Department at the Vrije Universiteit Amsterdam. His research interests include the theory and applications of controlled queueing system. The current research was initiated during a stay in INRIA, Sophia Antipolis, France.

Panagiotis Kouvelis ("A Min-Max-Sum Resource Allocation Problem and Its Applications") is the Emerson Distinguished Professor of Operations and Manufacturing Management at the Olin School of Business, Washington University in St. Louis and the Co-Director of Washington University's Boeing Center Oil Technology, Information and Manufacturing. He specializes in global supply chain management, e-fulfillment, operations strategy, and lean manufacturing practices.

Roy Kouwenberg ("High Performance Computing for Asset-Liability Management") holds a Ph.D. degree in finance from Erasmus University Rotterdam. He worked as a postdoctoral fellow at the University of British Columbia for one year. In August 2001 he joined a Dutch asset management company as a quantitative analyst. He developed an interest in asset liability management, option pricing, and investments. The focus of his papers is on applications of quantitative techniques in finance and on theoretical models for optimal portfolio choice.

Zhen Liu ("Optimal Transmission Policies for Noisy Channels") received his Ph.D. in computer science in 1989 from the University of Paris XI at Orsay. He joined INRIA (French National Research Institute on Computer Science) in 1989, first as a researcher and then as research director. In 2000, he joined T. J. Watson Research Center of IBM. His research interests are in the performance evaluation and optimization of computer networks.

Barry L. Nelson ("Simple Procedures for Selecting the Best Simulated System When the Number of Alternatives Is Large") is a Professor in the Department of Industrial Engineering and Management Sciences at Northwestern University. His research interests are in the design and analysis of computer simulation experiments, particularly issues of statistical efficiency, multivariate output analysis, and multivariate input modeling. This paper grew out of his desire to use ranking and selection techniques to provide inference for optimization via simulation.

Kyung Sam Park ("An Illustrative Application of IDEA (Imprecise Data Envelopment Analysis) to a Korean Mobile

Telecommunication Company") is a Professor at the University of Ulsan, College of Business Administration. Dr. Park's research specialties are in the area of multicriteria decision analysis (MCDA), productivity analysis and DEA, mathematical programming, and decision support systems.

Marc E. Posner ("Generating Experimental Data for Computational Testing with Machine Scheduling Applications") is a Professor of Operations Research in Industrial Engineering at The Ohio State University. His current research is primarily in the area of integer programming with particular interests in scheduling and production theory. This work was motivated by an observation that computational testing is often performed unsystematically, which prevents fair comparison with similar studies.

Rhonda Righter ("Optimal Transmission Policies for Noisy Channels") is a Professor in the Operations and Management Information Systems Department at Santa Clara University. The paper in this issue is part of ongoing joint research with Ger Koole and Zhen Liu on control of telecommunications systems.

H. Edwin Romeijn ("Generating Experimental Data for the Generalized Assignment Problem") is an Assistant Professor in the Department of Industrial and Systems Engineering, University of Florida, Gainesville, Florida. His research interests are in optimization applied to problems in supply chain management as well as finance.

Dolores Romero Morales ("Generating Experimental Data for the Generalized Assignment Problem") is an Assistant Professor in the Department of Quantitative Economics, Maastricht University, Maastricht, The Netherlands. Her research interests include optimization in supply chain management, analysis of the behavior of heuristics, generation of experimental data for combinatorial problems, and data mining. This paper is part of her thesis completed in October 2000 at Erasmus University Rotterdam in The Netherlands.

Yves Smeers ("Alternative Models of Restructured Electricity Systems, Part 1: No Market Power") is a Professor of Mathematical Engineering at the Université, Catholique de Louvain and a researcher at the Center for Operations Research and Econometrics (CORE) at the university. His research interest focuses on the restructured gas and electricity industries. His primary activities have been in the development of computable market equilibrium models and valuation of physical and financial products of these industries.

Wheyming Song ("Simple Procedures for Selecting the Best Simulated System When the Number of Alternatives Is Large") is a Professor in the Department of Industrial Engineering at the National Tsing Hua University in Taiwan. Her research interests are the probabilistic and statistical aspects of stochastic simulation.

Jeremy Staum ("Conditioning on One-Step Survival for Barrier Option Simulations") is a Visiting Assistant Professor at the School of Operations Research and Industrial Engineering, Cornell University. This paper involves two of his research interests, variance reduction techniques for simulation and financial engineering. It arises from dissertation work supervised by his coauthor, Paul Glasserman.

Julie Swann ("Simple Procedures for Selecting the Best Simulated System When the Number of Alternatives Is Large") is an Assistant Professor in the School of Industrial and Systems Engineering at the Georgia Institute of Technology. In addition to the analysis of statistical procedures for simulation, her research interests include the modeling and analysis of pricing, logistics and supply chain problems. This paper combines her interest in optimization with an interest in comparing large numbers of systems.

James R. Wilson ("A Multiplicative Decomposition Property of the Screening-and-Selection Procedures of Nelson et al.") is a Professor and Head of the Department of Industrial Engineering at North Carolina State University. He has a longstanding interest in statistical selection, screening, and multiple-comparisons procedures for stochastic simulation experiments. The article in this issue is an attempt to clarify and elaborate the basis for the simulation analysis methods formulated in the paper titled "Simple Procedures for Selecting the Best Simulated System When the Number of Alternatives Is Large" by Nelson, Swann, Goldsman, and Song that also appears in this issue.

Baichun Xiao ("A Dynamic Airline Seat Inventory Control Model and Its Optimal Policy") is a Professor of Operations Management at the College of Management, Long Island University, C. W. Post. His research interests include revenue and risk management in the airline and other service industries, stochastic multi-agent systems in e-commerce, and electronic markets. The paper in this issue is part of the author's research in airline revenue management with coauthor Youyi Feng.

Gang Yu ("An Illustrative Application of IDEA (Imprecise Data Envelopment Analysis) to a Korean Mobile Telecommunication Company" and "A Min-Max-Sum Resource Allocation Problem and Its Applications") is the Jack G. Taylor Regents Professor in Business at the Red McCombs School of Business in the University of Texas at Austin. Dr. Yu specializes in real time management, airline operations control, robust optimization, and decision support systems. He serves as a consultant to several U.S. corporations including IBM, EDS, Continental Airlines, and Tracor Applied Sciences.

Yu-Sheng Zheng ("Near-Optimal Pricing and Replenishment Strategies for a Retail/Distribution System") is an Associate Professor of Operations and Information Management at the Wharton School, University of Pennsylvania. His research interests include dynamic pricing models, inventory control, and supply chain coordination and incentive issues.