This article was downloaded by: [216.73.217.72] On: 04 June 2026, At: 15:12
Publisher: Institute for Operations Research and the Management Sciences (INFORMS)
INFORMS is located in Maryland, USA

Operations Research

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

Contributors

To cite this article:
(1990) Contributors. Operations Research 38(1):182-184. https://doi.org/10.1287/opre.38.1.182

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.

© 1990 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

CONTRIBUTORS

Downloaded from informs.org by [216.73.217.72] on 04 June 2026, at 15:12 . For personal use only, all rights reserved.

Sven Axsäter is Professor of Transportation and Material Flow Systems at Lulea University of Technology, Sweden. He is also Chairman of the European Working Group for Production and Inventory Control. His research interests are production planning and multiechelon inventory systems, and he is doing research on various extensions of the work reported in his paper.

Ken Baker is Professor of Operations Management at the Amos Tuck School of Business Administration, Dartmouth College, and **Gary Scudder** is Associate Professor of Operations Management at the Carlson School of Management, University of Minnesota. They do research in operations management, such as lot sizing and scheduling problems, and they are interested in the management of technology within manufacturing. Their paper grew out of a collaboration that developed during Scudder's sabbatical of 1987–1988 at the Tuck School.

Oded Berman is Professor of Management Sciences at the University of Massachusetts (Boston). **David Einav** is a Ph.D. student at Stanford University, and **Gabriel Handler** is Senior Lecturer at Tel-Aviv University. This paper is part of Einav's Master's dissertation under the direction of Berman and Handler.

Dimitris J. Bertsimas is Assistant Professor of Management Science at MIT's Sloan School of Management, where his research includes the performance analysis and optimization of queueing systems and networks, with a strong interest in combinatorial optimization and probabilistic analysis. His article is part of an M.S. thesis prepared under the supervision of Amedeo Odoni. In 1988, a paper based on his dissertation won first prize in ORSA's George E. Nicholson student competition.

Brian A. Campbell, see **R. Kipp Martin**.

Luc Devroye is Professor of Computer Science at McGill University. His research interests include probabilistic analysis of algorithms, and probabilistic methods in computer science.

James N. Eagle is Associate Professor of Operations Research at the Naval Postgraduate School. His research interests are military modeling, especially search theory and naval tactics development. **James R. Yee** is Assistant Professor of Electrical Engineering at the University of Southern California, where his primary research interests are computer communication networks and network optimization. Their article was motivated by Professor Eagle's service in the U.S. Navy submarine force. This is part of a larger body of research that aims at the development of efficient, automated procedures for at-sea search planning.

David Einav, see **Oded Berman**.

Jacques A. Ferland is Professor and Chairman in the Department of Information and Operations Research and a researcher at the Centre de Recherche sur les Transports, University of Montreal. His research interests include timetabling and scheduling, routing and scheduling, energy planning using large-scale mathematical programming, generalized convexity theory, and decision support systems. This application received a first prize in the 1988 OR Applications Competition from the Canadian Operations Research Society.

Bezalel Gavish is Professor of Computer and Information Systems at the Owen Graduate School of Management, Vanderbilt University. This paper grew out of work on deterministic and stochastic scheduling of capacitated and uncapacitated production facilities and Robert Johnson's doctoral dissertation written under Gavish's direction. His research interests span the design and analysis of computer communication networks and distributed computing systems, systems analysis and design, combinatorial optimization, scheduling and routing in logistic systems, and advanced manufacturing systems.

Linda Green is Professor and Vice Dean in the Graduate School of Business at Columbia University. **Benjamin Melamed** is an AT&T Bell Laboratories Fellow in the Performance Analysis Department at the Holmdel, N.J. office. **Ward Whitt** is Distinguished Member of Technical Staff in the Mathematical Sciences Research Center at AT&T Bell Laboratories, Murray Hill, N.J. While visiting Bell Labs in 1986–1987, Green became interested in the converse to the PASTA property; she initiated a collaboration with Melamed, which led to their joint paper in this issue.

Downloaded from informs.org by [216.73.217.72] on 04 June 2026, at 15:12 . For personal use only, all rights reserved.

Motivated by this work, Melamed became interested in characterizing when non-Poisson arrivals see time averages, and he initiated a collaboration with Whitt; this led to the joint paper in this issue.

Gilles Guénette is an analyst programmer in the Centre de Recherche sur les Transports, University of Montreal. His research interests include routing and scheduling, and decision support systems. This application is part of the author's M.Sc. research and received a first prize in the 1988 OR Applications Competition from the Canadian Operations Research Society.

Robert Johnson is Assistant Professor of Management Science at the Pennsylvania State University. This paper is based on his dissertation at the University of Rochester, and is part of his ongoing research with Bezalel Gavish into solution algorithms for production planning and scheduling problems. His research interests center on production planning and inventory control.

Gabriel Handler, see **Oded Berman**.

John G. Klincewicz is Distinguished Member of Technical Staff in the Operations Research Department at AT&T Bell Laboratories. Since joining Bell Labs in 1979, he has worked on a variety of mathematical programming and OR applications, including distribution facility planning, inventory modeling, portfolio analysis, capacity expansion and delivery fleet sizing problems. His paper grew out of an interest in the development of algorithms for network flow and facility location problems.

Benjamin Lev is Professor of Management at Worcester Institute of Technology, and **Howard J. Weiss** is Professor of Management at Temple University. They co-authored *Introduction to Mathematical Programming* (Elsevier-North Holland) and papers on inventory. Dr. Lev has edited four books, the last one in 1987 on *Strategic Planning in Energy and Natural Resources* and Dr. Weiss co-authored *Production and Operations Management* (Allyn & Bacon, 1989). They serve on the editorial board of *Interfaces*, and are currently preparing the joint ORSA/TIMS meeting in Philadelphia in October 1990. Lev is the General Chairman and Weiss is the Arrangements Chairman.

R. Kipp Martin is Professor of Management Sciences and Operations Management in the Graduate School of Business, University of Chicago. **Ronald L. Rardin** is Professor of Industrial Engineering in the School of Industrial Engineering, Purdue University. **Brian A. Campbell** is Systems Engineer with AT&T Bell Laboratories. This work was part of Dr. Campbell's dissertation on Steiner problems over recursively defined classes of graphs, conducted under the direction of Professor Rardin. The research is part of a larger and ongoing effort to construct strong linear programming relaxations of integer and combinatorial problems by introducing extended variables sets. Rardin has a long-standing interest in large-scale discrete optimization, and has completed (with R. Gary Parker) a comprehensive book on *Discrete Optimization* (Academic Press, 1988).

Benjamin Melamed, see **Linda Green**.

M. R. Rao, see **Suresh Sethi**.

Ronald L. Rardin, see **R. Kipp Martin**.

Robin Roundy is Assistant Professor of Operations Research and Industrial Engineering at Cornell University. His research focuses on production planning, scheduling, and inventory control. He is currently an associate editor of *Management Science*, and a member of ORSA.

Gary Scudder, see **Ken Baker**.

Suresh Sethi is General Motors Research Professor at the Faculty of Management, University of Toronto, and a principal investigator for the Manufacturing Research Corporation, Ontario. His research interests are production planning under uncertainty, problems of scheduling in manufacturing, and stochastic dynamic optimization. **C. Sriskandarajah** is Research Associate at GERAD, Ecole Polytechnique, Montreal. His research centers on production scheduling, computational complexity, and the design and analysis of algorithms for combinatorial problems. **Giri Kumar Tayi** is Assistant Professor at the School of Business, State University of New York, Albany, where his research interests are production planning, scheduling and control. **M. R. Rao** is Professor at the Graduate School of Business Administration, New York University and the Indian Institute of Management, Bangalore. Combinatorial optimization is his main area of research. This paper was presented at the 1987 ORSA/TIMS meeting in New Orleans.

Herbert A. Simon is Professor of Computer Science and Psychology at Carnegie Mellon University. His

research focuses on artificial intelligence and cognitive modeling. This paper is based on a talk given at the 10th Anniversary Conference of the International Institute of Applied Systems Analysis at Laxenburg, Austria in June 1988.

C. Sriskandarajah, see **Suresh Sethi**.

Giri Kumar Tayi, see **Suresh Sethi**.

Ward Whitt, see **Linda Green**.

Howard J. Weiss, see **Benjamin Lev**.

Ronald W. Wolff is Professor of Operations Research at the University of California, Berkeley. He recently published the book, *Stochastic Modeling and the Theory of Queues* (Prentice-Hall, 1989). His 1982 paper on PASTA has spawned a surprising number of papers that relate time and arrival averages; his paper in this issue is one of them.

James R. Yee, see **James N. Eagle**.

Downloaded from informs.org by [216.73.217.72] on 04 June 2026, at 15:12 . For personal use only, all rights reserved.