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**Egon Balas** ("OCTANE: A New Heuristic for Pure 0-1 Programs") is the University Professor of Applied Mathematics and Industrial Administration, and Thomas Lord Professor of Operations Research, at Carnegie Mellon University's Graduate School of Industrial Administration. His main research interests lie in algorithms and heuristics for solving integer and combinatorial optimization problems. He is also interested in modeling and solving real world problems and has been involved in developing software for industrial scheduling.

**Arnold Barnett** ("Safe at Home? An Experiment in Domestic Airline Security") is the George Eastman Professor of Management Science at MIT's Sloan School of Management. He served as chair of FAA's Technical Project Team about Positive Passenger Bag Match. Aviation safety has been a mainstay among his research interests; in addition to his academic work, he has served as consultant to five airports, thirteen airlines, and such diverse organizations as the Federal Aviation Administration and *Newsweek*.

**Ximing Cai** ("Solving Large Nonconvex Water Resources Management Models Using Generalized Benders Decomposition") is a Postdoctoral Research Fellow in the International Food Policy Research Institute (IFPRI). He received his Ph.D. in water resources and environmental engineering from the University of Texas at Austin. His research interests are in water resources management modeling.

**Sebastian Ceria** ("OCTANE: A New Heuristic for Pure 0-1 Programs") is the President and CEO of Axioma, Inc., a leading provider of optimization software and services, and also an Associate Professor of Management Science at the Graduate School of Business of Columbia University. His main interests are in applying state-of-the-art optimization technology to solve a variety of business problems, including supply chain management, asset allocation, and e-procurement. For the last several years, he has also been an active contributor to several research publications in the area of mixed-integer programming algorithms.

**Fangruo Chen** ("Optimal Policies for Multiechelon Inventory Problems with Markov-Modulated Demand") is an Associate Professor at the Columbia University Graduate School of Business. He has worked on many aspects of supply chain management (e.g., optimal or near-optimal replenishment policies, value of centralized demand information, incentives and coordination mechanisms) as well as on the marketing-operations interface (e.g., product variety, pricing, salesforce incentives). This work shows his continued interest in identifying optimal policies for multiechelon

inventory problems. He is currently a visiting professor at the Stanford University Graduate School of Business.

**Nicos Christofides** ("Capital Budgeting Under Uncertainty — An Integrated Approach Using Contingent Claims Analysis and Integer Programming") is a Professor at the Centre for Quantitative Finance, Imperial College, in London. The integration of real options into traditional budgeting requires sophisticated methods from operations research, especially integer programming. Developing special methods for tackling the described integer programming problems proved a worthwhile challenge.

**Milind Dawande** ("OCTANE: A New Heuristic for Pure 0-1 Programs") is an Assistant Professor at the University of Texas at Dallas. His research interests are in using linear and integer programming models to solve real-world problems in manufacturing and operations.

**Geoffrey Gosling** ("Safe at Home? An Experiment in Domestic Airline Security") is an Assistant Research Engineer with the Institute of Transportation Studies at the University of California at Berkeley, and a member of the research staff of the National Center of Excellence for Aviation Operations Research. His current research interests include aviation safety and security, measuring aviation system performance, and simulation of air traffic operations.

**Mark Hansen** ("Safe at Home? An Experiment in Domestic Airline Security") is an associate professor of transportation engineering at the University of California, Berkeley. His research interests include aviation economics and policy, and the effect of infrastructure changes on aviation system performance.

**Vernon Ning Hsu** ("Dynamic Economic Lot Size Models with Period-Pair-Dependent Backorder and Inventory Costs") is an associate professor in the School of Management at George Mason University and in the Department of Industrial Engineering and Engineering Management at Hong Kong University of Science and Technology. His recent research interests include lot-sizing, capacity planning, and applications of optimization models in operations and information systems management.

**Philip Kaminsky** ("The Asymptotic Optimality of the SPT Rule for the Flow Shop Mean Completion Time Problem") is an Assistant Professor in the Industrial Engineering and Operations Research Department at the University of California, Berkeley. His research interests include the design and analysis of algorithms for production control and logistics management.

**Uday Karmarkar** (“Grade Selection and Blending to Optimize Cost and Quality”) is the *Times Mirror* Professor of Management Strategy, and Director of the Center for Management in the Information Economy at the Anderson School at UCLA. His research interests include integrated management systems (ERP, CRM), planning and scheduling methods for manufacturing and service firms, and competitive models in manufacturing, service, and information industries.

**Leon Lasdon** (“Solving Large Nonconvex Water Resources Management Models Using Generalized Benders Decomposition”) is the David Bruton Jr. Professor of Business Decision Support Systems in the Management Science and Information Systems Department at the University of Texas at Austin. His research interests include water resources models, other optimization applications, and algorithms and software for nonlinear optimization. He is coauthor of the *Microsoft Excel Solver* and the author of many technical articles and several books.

**Timothy J. Lowe** (“Dynamic Economic Lot Size Models with Period-Pair-Dependent Backorder and Inventory Costs”) is the C. Maxwell Stanley Professor of Operations Management at the Tippie College of Business, University of Iowa. He received his B.S. and M.S. degrees in engineering from Iowa State University and his Ph.D. in operations research from Northwestern University. His current research interests are in location theory, logistics, and supply chain design.

**Francois Margot** (“OCTANE: A New Heuristic for Pure 0-1 Programs”) is an Assistant Professor in the Department of Mathematics of the University of Kentucky. Professor Margot’s main area of research is polyhedral combinatorics with a marked interest in developing new tools for Branch-and-Cut algorithms.

**David M. Markowitz** (“Heavy Traffic Analysis of Dynamic Cyclic Policies: A Unified Treatment of the Single Machine Scheduling Problem”) is the Deputy Director of the Simulation and Analysis Center, Program Analysis and Evaluation, Office of the Secretary of Defense at the Pentagon. This paper stems from his Ph.D. dissertation at M.I.T.’s Operations Research Center, which was supervised by Lawrence M. Wein.

**Daene McKinney** (“Solving Large Nonconvex Water Resources Management Models Using Generalized Benders Decomposition”) is an Associate Professor in the Environmental and Water Resources Engineering program of the Department of Civil Engineering at The University of Texas at Austin. Dr. McKinney has served as an Associate Editor of the *ASCE Journal of Water Resource Planning and Management*, the Chair of the *ASCE Water Resource Systems Committee*, and the Board of Directors and the International Committee of the Universities Council on Water Resources (UCOWR).

**Helga Meier-Reinhold** (“Capital Budgeting Under Uncertainty—An Integrated Approach Using Contingent Claims Analysis and Integer Programming”) is affiliated with the Institute of Computer Science, University of Bonn, in Germany. The research was motivated by the dissertation written on capital budgeting under uncertainty. After initially focussing on valuation of real options, the problem of integrating the attached flexibilities with traditional budgeting became apparent.

**Ickhyun Nam** (“Dynamic Scheduling for a Flexible Processing Network”) received his Ph.D. in Business from Stanford University and is an Associate Professor in the Department of Business at Seoul National University. His research interests include dynamic scheduling of queueing networks and supply chain management problems.

**Amedeo R. Odoni** (“Safe at Home? An Experiment in Domestic Airline Security”) is the T. Wilson Professor of Aeronautics and Astronautics and of Civil and Environmental Engineering at the Massachusetts Institute of Technology. His current research concentrates on applications of operations research in airports and in air traffic control.

**Gabor Pataki** (“OCTANE: A New Heuristic for Pure 0-1 Programs”) is an Assistant Professor in the Department of Operations Research, University of North Carolina, Chapel Hill. Professor Pataki’s research is in integer and convex programming, and convex analysis. The article on OCTANE somewhat fits into all of these areas; it is a heuristic for integer programs, and it is based on the polarity notion of convex analysis.

**Thierry Post** (“Performance Evaluation in Stochastic Environments using Mean-Variance Data Envelopment Analysis”) is a Professor at the Erasmus Research Institute for Management (ERIM), and Department of Finance, Erasmus University Rotterdam. He has a special interest for using microeconomic theory as a tool for practical decision-making, and the methodological questions involved in doing so. The current paper forms part of an ongoing research program concerning the methodological foundations of Data Envelopment Analysis, a technique that applies microeconomic production theory for the purpose of practical performance evaluation.

**Kumar Rajaram** (“Grade Selection and Blending to Optimize Cost and Quality”) is an assistant professor of operations and technology management at the Anderson School at UCLA. He holds a doctorate in operations management from the Wharton School of the University of Pennsylvania. A significant portion of his research is devoted to developing techniques to improve the productivity of process operations. His earlier work in this area was awarded the Franz Edelman Finalist Award for achievement in the practice of operations research and the management sciences by INFORMS in 1998. His other research interests include developing models to better match supply with

demand for products with short life cycles and highly unpredictable demand.

**Gerry Salkin** (“Capital Budgeting Under Uncertainty — An Integrated Approach using Contingent Claims Analysis and Integer Programming”) is affiliated with the Centre for Quantitative Finance, Imperial College in London. Application of financial valuation methods seemed to answer the question of how to deal with uncertainty and flexibilities in the “real world”. However, the challenge of integrating these methodologies with traditional budgeting opened several interesting questions.

**Robert A. Shumsky** (“Safe at Home? An Experiment in Domestic Airline Security”) is an Assistant Professor at the William E. Simon Graduate School of Business Administration at the University of Rochester. His research focuses on stochastic models of service systems, with applications to airline operations and yield management, telecommunications, and service capacity management. His interest in the project described in this issue grew out of his research on delays in the air traffic system.

**David Simchi-Levi** (“The Asymptotic Optimality of the SPT Rule for the Flow Shop Mean Completion Time Problem”) is a Professor with a dual appointment in the Civil and Environmental Engineering and the Engineering Systems Division at MIT. His research currently focuses on the analysis, development, and implementation of efficient techniques for the design and management of logistics systems. His new book, *Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies*, coau-

thored with P. Kaminsky and E. Simchi-Levi, received the Book-of-the-Year award and the Outstanding IIE Publication award given in 2000 by the Institute of Industrial Engineers.

**Jing-Sheng (Jeannette) Song** (“Optimal Policies for Multiechelon Inventory Problems with Markov-Modulated Demand”) is an Associate Professor at the Graduate School of Management, University of California at Irvine. This joint research was conducted when she was affiliated with the Department of Industrial Engineering and Operations Research, Columbia University. The work reflects her continued interest in understanding inventory policies in a fluctuating environment.

**Lawrence M. Wein** (“Heavy Traffic Analysis of Dynamic Cyclic Policies: A Unified Treatment of the Single Machine Scheduling Problem”) is the DEC Leaders for Manufacturing Professor of Management Science at MIT’s Sloan School of Management. This paper is the last in a series of jointly authored papers in *Operations Research* devoted to the analysis and control of queueing systems with setups.

**David Watkins** (“Solving Large Nonconvex Water Resources Management Models Using Generalized Benders Decomposition”) is an Assistant Professor of Civil and Environmental Engineering at Michigan Technological University. His research focuses on the use of decision theory and information technology to improve the planning and management of water resources systems.