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Reza H. Ahmadi is Assistant Professor in the Anderson Graduate School of Management at UCLA, where his research interests include production planning, scheduling, and control of manufacturing operations. His research is mainly motivated by the problems of electronic circuit card assembly and testing. His works on scheduling have appeared in *Operations Research*, *Naval Research Logistics*, and the *European Journal of Operational Research*.

Ram Akella is Associate Professor in the Graduate School of Industrial Administration at Carnegie Mellon University. **S. Rajagopalan** is Assistant Professor in the School of Business at the University of Southern California, and **Medini R. Singh** is Assistant Professor in the Industrial and Operations Engineering Department at the University of Michigan. Professor Akella's interests are computer integrated manufacturing, manufacturing systems management, enterprise management, and quality and cost models. Professor Rajagopalan pursues research in capacity and technology acquisition, production planning and control, and other resource allocation problems. Professor Singh's research focuses on the general areas of modeling and analysis of manufacturing systems with uncertainties. He is investigating production and inventory policies in electronic manufacturing systems with random yield and component commonality, and coordination between chip production and assembly facilities to improve serviceability.

G. Anandalingam is Associate Professor of Systems Engineering at the University of Pennsylvania. His current research interests are in the applications of operations research techniques to telecommunications systems.

Michael Bailey is Assistant Professor of Operations Research at the Naval Postgraduate School. His paper is the product of an ongoing research program aimed at modeling the interactions of command and control networks and electronic countermeasures.

Sriram Dasu is Assistant Professor of Operations and Technology Management at the Anderson Graduate School of Management at UCLA. His research interests, which are motivated mostly by applications in the semiconductor industry, include queueing network models of manufacturing systems, production planning with variable yields, and scheduling of batch processors.

Martin Desrochers, see **Chung-Lun Li**.

Gregory Dobson is Associate Professor of Operations Management and Operations Research at the William E. Simon Graduate School of Business Administration, University of Rochester. His research has focused on production scheduling. Having observed many situations where setups on machines are sequence dependent, his aim in this paper is to better understand the relationship between batching and sequencing for these situations.

N. C. P. Edirisinghe is Assistant Professor at the College of Business at the University of Tennessee. He recently completed a Ph.D. at the University of British Columbia on the topic of bounds for multiperiod stochastic programming problems. His research is in stochastic and linear programming methodology and algorithms, and applications to production, finance and other areas.

Awi Federgruen is Professor of Management Science and Operations Management at the Graduate School of Business of Columbia University, and **Yu-Sheng Zheng** is Assistant Professor of Decision Sciences at the Wharton School of the University of Pennsylvania. Their paper was motivated by a project on multi-item stochastic inventory systems. The results, along with those in "On Properties of Stochastic Inventory Systems" by Dr. Zheng (*Mgmt. Sci.* **38**, 87-103) have improved the understanding of basic stochastic inventory systems, which enhances the capability to analyze stochastic multi-item/multistage systems, where the basic inventory systems are building blocks.

Peter Fetterolf is a Telecommunications Consultant at Arthur D. Little, Inc. He consults with businesses and governments domestically and internationally on matters concerning telecommunications systems engineering. He received his Ph.D. at the University of Pennsylvania.

Yiga Gerchak is Associate Professor at the University of Waterloo. **David J. Mossman** is Lead Programmer Analyst at TransCanada Pipeline. In attempting to devise fair methods for allocating costs associated with joint inventories (see Gerchak and Gupta 1992, *JOM*), the first author realized that one must first have a good understanding of the cardinal impact of demand uncertainty on inventory costs. Also, the impact of inventory centralization on the (total) size of optimal stocks was far from clear. That led to the Note in this issue.

Dean S. Hartley III is Senior Member of the Research Staff of the Center for Modeling, Simulation, and Gaming at the Department of Energy's Oak Ridge Facilities, which are managed and operated by Martin Marietta Energy Systems, Inc. His principal research interest is the theory of combat. The majority of his projects are in models of combat, including validation and verification, integration of dissimilar simulations, and aids for using models. The work reported here is not a product of official duties, however, it results from extracurricular work done in support of the Military Applications Section of ORSA, of which Hartley is currently vice-chairman.

Chung-Yee Lee is Associate Professor at the University of Florida. His research focuses on production scheduling and operations management and their applications in manufacturing organization, especially in the electronics industry. This work is part of an ongoing project to develop a decision support system for dynamic job shop scheduling at Harris Semiconductor Corporation.

Jon Lee is Associate Professor of Operations Research at Yale University. His research centers on combinatorial optimization, particularly polyhedral and matroid theory. His "academic grandpa" was Ray Fulkerson, and he also studied with Jack Edmonds. This must have partially motivated him to write the Note in this issue.

Chung-Lun Li is Assistant Professor of Management Science at the John M. Olin School of Business of Washington University. His current research is in vehicle routing and machine scheduling. **David**

Simchi-Levi is Associate Professor of Industrial Engineering and Operations Research at Columbia University. His research interests include analysis of distribution systems and telecommunications networks. **Martin Desrochers** died in Montreal on June 3, 1991. At the time, he was a research fellow at the École Polytechnique de Montréal, and an active member of GERAD and CRT.

Jay-Ick Lim received his Ph.D. in management from the University of Iowa, and he is now Assistant Professor of Computer Information Sciences at Cleveland State University. His current interests lie in distributed data base design and computer networks.

Louis A. Martin-Vega is Senior Program Director in the Division of Design and Manufacturing Systems at the National Science Foundation. He is on leave from the Florida Institute of Technology, where he holds the Lockheed Professorship in Industrial and Manufacturing Systems Engineering. His research interests are production and operations management and their application to manufacturing organizations.

Hugh J. Miser, Professor Emeritus of Industrial Engineering and Operations Research, University of Massachusetts at Amherst, began his OR career in January 1945, when he joined the operations analysis section at the headquarters of the 20th Air Force. His association there with W. J. Youden, one of the unsung OR heroes of that time, left beneficent impressions that have pervaded the rest of his career, which has included both military and civilian work, as well as teaching, editing, and participating in professional affairs. Recently, he has been especially interested in the conceptual basis for OR work, as well as various aspects of its craft.

David J. Mossman, see **Yigal Gerchak**.

S. Rajagopalan, see **Ram Akella**.

Martin I. Reiman is a member of the technical staff in the Mathematical Sciences Research Center at AT&T Bell Laboratories, Murray Hill, N. J. **Burton Simon** is Associate Professor in the Mathematics Department at the University of Colorado at Denver. **J. Stanford Willie** is the Director of Trust Investment Management at US WEST, Inc. When their research on simulation based interpolations began they were all at Bell Laboratories. Marty Reiman and Burt Simon had been working on "analytical" interpolation approximations for several years. Stan

Willie's expertise in computer simulation provided the incentive to attempt the present reformulation of the problem.

Donald B. Rosenfield is Senior Lecturer at the Sloan School of Management at MIT and Director for the MIT Leader's for Manufacturing Fellows Program. His interests are in logistics, manufacturing strategy and materials management. The work described in his article was motivated by the development of an inventory reduction problem in a manufacturing company. After some earlier research on this problem, he discovered that the optimal policies have some straightforward but powerful properties. His article is an outgrowth of this discovery.

David Simchi-Levi, see **Chung-Lun Li**.

Burton Simon, see **Martin I. Reiman**.

Medini Singh, see **Ram Akella**.

Christopher S. Tang is affiliated with the Anderson Graduate School of Management at UCLA as Associate Professor of Management Science. He received a B.Sc. in Mathematics from King's College of the University of London, and a Ph.D. in Management Science from Yale University. His current research includes production planning in semiconductor manufacturing.

Reha Uzsoy is Assistant Professor at Purdue University, where his interests are production planning and scheduling, especially the semiconductor industry. The work in this issue is part of a project to develop a heuristic scheduling system for large, complex job shops begun during his doctoral work under Drs. Lee and Martin-Vega at the University of Florida.

Lawrence M. Wein is Associate Professor of Management Science at MIT's Sloan School of Management. His paper is part of a larger body of research aimed at developing effective factory scheduling policies by performing heavy traffic analysis of queueing network scheduling problems.

J. Stanford Willie, see **Martin I. Reiman**.

Yu-Sheng Zheng, see **Awi Federgruen**.

William T. Ziemba is Alumni Professor of Management Science on the Faculty of Commerce of the University of British Columbia. His current research is in stochastic programming theory, computational and applications to financial planning and portfolio analysis and applied portfolio theory, in particular, the study of security market anomalies, Japanese financial and economic markets, worldwide asset allocation, and derivative securities.