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PUBLICATIONS:

"An Integrated Production, Distribution, and Inventory Planning System," INTERFACES, Volume 9, Number 5, November 1979, pp 21-35 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"An Extended Abstract of an Indepth Algorithmic and Computational Study for Maximum Flow Problems," DISCRETE APPLIED MATHEMATICS, Volume 2, Number 3, August 1980, pp 251-254 (with Fred Glover, Darwin Klingman, and David Whitman).

"Agrico Chemical Company," Chapter Scenario of INTRODUCTION TO MANAGEMENT SCIENCE, T. Cook and R. Russell, Prentice-Hall, 1981 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"An Evaluation of Maximum Flow Algorithms," MATHEMATICAL PROGRAMMING: COAL, February 1981, pp 21-25 (with Fred Glover and Darwin Klingman).

"An Integrated Production, Distribution, and Inventory Planning System," MANAGEMENT SCIENCE/OPERATIONS RESEARCH: CASES AND READINGS, edited by J. Dyer and R. Shapiro, Wiley, 1982, pp 96-109 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"Solution Approaches for Network Problems with Multiple Criteria," ADVANCES IN MANAGEMENT STUDIES, Volume 1, Number 1, January 1982, pp 1-30 (with Darwin Klingman).

"Generalized Network Approaches for Solving Least Absolute Value and Tchebycheff Regression Problems," OPTIMIZATION IN STATISTICS, edited by S. Zanakis and J. Rustagi, The Institute of Management Science, 1982 (with Darwin Klingman).

"Integrated Production, Distribution, and Inventory Planning," PRODUCTION PLANNING, SCHEDULING, AND INVENTORY CONTROL: CONCEPTS, TECHNIQUES, AND SYSTEMS, edited by V. A. Mabert and C. L. Moodie, The Institute of Industrial Engineers, 1982 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"A Multi-Period Production, Distribution, and Inventory Planning Model," ADVANCES IN MANAGEMENT STUDIES, Volume 1, Number 2. 1982 (with Darwin Klingman).

"A Note on Specialized Versus Unspecialized Methods for Maximum Flow Problems," NAVAL RESEARCH LOGISTICS QUARTERLY, Volume 31, Number 1, March 1984, pp 63-66 (with Fred Glover, Darwin Klingman, and Melissa Mead).

"A Primal Simplex Variant for the Maximum Flow Problem," NAVAL RESEARCH LOGISTICS QUARTERLY, Volume 31, Number 1, March 1984, pp 41-62 (with Fred Glover, Darwin Klingman, and David Whitman).

"An Integrated Production, Distribution, and Inventory Planning System," PROCESS INDUSTRY REPRINTS, edited by S. Taylor, R. Wickes, and M. Novitsky, The American Production and Inventory Control Society, 1984 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"Limitations of Using Linear Programming as an L1 Metric Discriminant Analysis Procedure," PROCEEDINGS OF THE 1984 AIDS NATIONAL CONFERENCE (with Krishnamurty Muralidhar and David Olson).

"Abstract of a Note on Specialized Versus Unspecialized Methods for Maximum Flow Problems," ZENTRALBLATT FUR MATHEMATIK, 1985 (with Fred Glover, Darwin Klingman, and Melissa Mead).

"Extended Abstract of a Primal Simplex Variant for the Maximum Flow Problem," ZENTRALBLATT FUR MATHEMATIK, 1985 (with Fred Glover, Darwin Klingman, and David Whitman).

"The Family Constrained Network Problem," DISCRETE APPLIED MATHEMATICS Volume 13, 1986, pp 249-257.

"Integrated Production, Distribution, and Inventory Planning," PRODUCTION PLANNING, SCHEDULING, AND INVENTORY CONTROL: CONCEPTS, TECHNIQUES, AND SYSTEMS, Third Edition, edited by F. R. Jacobs and Vince Mabert, The Institute of Industrial Engineers, 1986 (with Fred Glover, Gene Jones, David Karney, and Darwin Klingman).

"A Technique Using Analytical Hierarchy Process in Multiobjective Planning Models," SOCIO-ECONOMIC PLANNING SCIENCE, Volume 20, Number 6, pp 361-368, 1986 (with David Olson and M. A. Venkataramanan).

"A Comparative Multiobjective Programming Study," MATHEMATICAL COMPUTER MODELLING, February 1988, (with David Olson and M. A. Venkataraman).

"Integrating Information Systems Technology and Graduate Management Education", ACADEMIC COMPUTING, Volume 2, Number 6, pp 22, 1988, (with James Dietrich, Darwin Klingman, Michael Mannino, Nancy Phillips, David Schkade).

"A Logistics Planning System at W.R. Grace," OPERATIONS RESEARCH, Volume 36, Number 6, pp 811-822, 1988, (with Darwin Klingman and Nancy Phillips).

"An Interactive MOLP Procedure Using Epsilon-Constraints," INTERNATIONAL JOURNAL OF COMPUTERS & MATHEMATICS WITH APPLICATIONS, Volume 17, Number 12, pp 1535-1543, 1989, (with David Olson and M. A. Venkataraman).

"The Use of Database Management Systems in Modeling of Linear Programming Problems," NORTHEAST DSI 1989 PROCEEDINGS, Volume 18, 1989, (with Ali Lari).

"A Graduate Program for Information Systems Managers," JOURNAL OF INFORMATION SYSTEMS, Volume 3, Number 2, pp 145-154, 1989, (with James Dietrich, Darwin Klingman, Michael Mannino, Nancy Phillips, and David Schkade).

"A Surrogate and Lagrangian Approach to Constrained Networks," ANNALS OF OPERATIONS RESEARCH, Volume 20, 1989, (with John Dinkel and M. A. Venkataraman).

"An Efficient Decision Support System for Academic Course Scheduling," OPERATIONS RESEARCH, Volume 37, Number 6, pp 853-864, 1989, (with John Dinkel and M. A. Venkataraman).

"A Parametric Approach to Solving Bicriterion Shortest Path Problems," EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, Volume 53, Number 1, pp 81-90, 1991, (with Ishwar Murthy and David Olson).

"Vector Processing Approach to Constrained Network Problems," NAVAL RESEARCH LOGISTICS QUARTERLY, Volume 38, Number 1, pp 71-86, (with John Dinkel and M. A. Venkataraman).

“Identification of Pareto-Efficient Facets in Data Envelopment Analysis,” JOURNAL OF OPERATIONAL RESEARCH, Volume 109, pp 559-570, 1998 (with Utai Pitaktong, Patrick Brockett and John Rousseau)