

References

- Adams, J.L. (1986), *Conceptual Blockbusting*, Addison-Wesley, Reading, MA.
- Adams, W. and H. Sherali(2005), “A Hierarchy of Relaxations Leading to the Convex Hull Representation for General Discrete Optimization Problems”, *Annals of Operations Research*, vol. 140, pp.21-47.
- Ahuja, R. K., T. L. Magnanti, J. B. Orlin (1993), *Network Flows, Theory, Algorithms, and Applications*, Prentice-Hall, Englewood Cliffs, NJ.
- Andrews, B. and H. Parsons(1993), “Establishing Telephone-Agent Staffing Levels through Economic Optimization”, *Interfaces*, Vol. 23, No. 2, pp. 14-20.
- Arnold, L., and D. Botkin. “Portfolios to Satisfy Damage Judgement: A Linear Programming Approach”, *Interfaces*, Vol. 8, No. 2 (Feb. 1978).
- Aykin, T. (1996), “Optimal Shift Scheduling with Multiple Break Windows”, *Management Science*, Vol . 42 No. 4 (April), pp. 591-602.
- Baker, E. K. and M. L. Fisher (1981), “Computational Results for Very Large Air Crew Scheduling Problems”, *Omega*, Vol. 9, pp. 613-618.
- Balas, E. (1979), “Disjunctive Programming”, *Annals of Discrete Mathematics*, Vol. 5, pp. 3-51.
- Banks, J. and R. Gibson (1997), “10 Rules for Determining When Simulation is Not Appropriate”, *IIE Solutions*, Vol. 29, No. 9 (September), pp. 30-32.
- Barnett, A. (1994), “How Numbers Can Trick You”, *Technology Review*, MIT, Vol. 97, No. 7(October), pp. 38-45.
- Belobaba, P.P.(1989),”Application of a Probabilistic Decision Model to Airline Seat Inventory Control”, *Operations Research*, vol. 37, no. 2, (March-April) pp. 183-197.
- Bessent, A., W. Bessent, J. Kennington, and B. Reagan (1982), “An Application of Mathematical Programming to Assess Productivity in the Houston Independent School District”, *Management Science*, Vol. 28, No. 12 (December), pp. 1355-1367.
- Birge, J. R. (1997), “Stochastic Programming Computation and Applications”, *INFORMS Journal on Computing*, Vol. 9, No. 2, pp.111-133.
- Birge, J. and F. Louveaux (1997), *Introduction to Stochastic Programming*, Springer-Verlag, New York, NY.
- Black, F. (1989), “How We Came Up with the Option Formula”, *The Journal of Portfolio Management*, Winter, pp. 4-8.
- Black, F., E. Derman, and W. Toy (1990), “A One-Factor Model of Interest Rates and Its Application to Treasury Bond Options”, *Financial Analyst Journal*, Vol. 46, pp. 33-39.
- Black, F., and M. Scholes (1973), “The Pricing of Options and Corporate Liabilities”, *Journal of Political Economy*, Vol. 81, pp. 637-654.
- Bland, R. G. and D. F. Shallcross (1989), “Large Traveling Salesman Problems Arising in X-ray Crystallography: A Preliminary Report on Computation”, *O.R. Letters*, Vol. 8, No. 3, pp. 125-128.

- Bosch, R.A.(1993), "Big Mac Attack, The Diet Problem revisited: Eating at McDonald's", *OR/MS Today*, (August), pp. 30-31.
- Bracken, J. and G.P. McCormick (1968), *Selected Applications of Nonlinear Programming*, John Wiley & Sons, Inc., New York, NY.
- Bradley, G. H., G. G. Brown and G. W. Graves (1977), "Design and Implementation of Large Scale Primal Transshipment Algorithms", *Management Science*, Vol. 24, pp. 1-34.
- Bradley, S.P., A. C. Hax and T. L. Magnanti (1977), *Applied Mathematical Programming*, Addison-Wesley Publishing Company, Reading, Mass..
- Braess, D. (1968), "Über ein Paradoxon aus der Verkehrsplanung", *Unternehmensforschung*, Vol. 12, pp. 258-268.
- Brearley, A. L., G. Mitra and H. P. Williams (1975), "An Analysis of Mathematical Programming Problems Prior to Applying the Simplex Algorithm", *Mathematical Programming*, Vol. 8, pp. 54-83.
- Brown, G.G., R.F. Dell, and R.K. Wood (1997), "Optimization and Persistence", *Interfaces*, Vol. 27, No. 5, (Sept-Oct), pp. 15-37.
- Brown, G.G., C.J. Ellis, G.W. Graves, and D. Ronen (1987), "Real-Time, Wide Areas Dispatch of Mobil Tank Trucks", *Interfaces*, Vol. 17, No. 1, pp. 107-120.
- Brown, G. G. and D. S. Thomen (1980), "Automatic Identification of Generalized Upper Bounds in Large-Scale Optimization Models", *Management Science*, Vol. 26, No. 11, pp. 1166-1184.
- Carino, D.R., T. Kent, D.H. Myers, C. Stacy, M. Sylvanus, A.L. Turner, K. Watanabe, and W.T. Ziemba (1994), "The Russell-Yasuda Kasai Model: An Asset/Liability Model for a Japanese Insurance Company Using Multistage Stochastic Programming", *Interfaces*, Vol. 24, No. 1, pp. 29-49.
- Charnes, A., W.W. Cooper and E. Rhodes (1978), "Measuring the Efficiency of Decision Making Units", *European Journal of Operational Research*, Vol. 2 (1978) pp. 429-444.
- Chinneck, J. (2008), *Feasibility and Infeasibility in Optimization*, Springer,
- Ciriani, T.A. and R. C. Leachman (1993), *Optimization in Industry*, John Wiley & Sons, Chichester.
- Clarke, G. and J. W. Wright (1964), "Scheduling of Vehicles from a Central Depot to a Number of Delivery Points", *Operations Research*, Vol. 12, No. 4 (July-Aug.), pp. 568-581.
- Claus, A.(1984), "A New Formulation for the Travelling Salesman Problem", *SIAM Journal on Algebraic and Discrete Methods*, vol. 5, no. 1, pp. 21-25.
- Clyman, D.R. (1995), "Unreasonable Rationality?", *Management Science*, Vol 41, No. 9 (Sept.), pp. 1538-1548.
- Craven, J. P.(2001), *The Silent War: the Cold War Battle Beneath the Sea*, Simon & Schuster, New York.
- Dantzig, G. (1963), *Linear Programming and Extensions*, Princeton University Press, Princeton.
- Dantzig, G. B., D. R. Fulkerson, and S. M. Johnson(1954), "Solution of a Large-Scale Traveling-Salesman Problem", *Operations Research*, vol. 2, no. 4, pp. 393-410.
- Dantzig, G. and N. N. Thapa (1997), *Linear Programming*, Vol. 1, Springer, New York.

- Dantzig, G. and B. Wolfe (1960), "Decomposition Principle for Linear Programs", *Operations Research*, Vol. 8, pp. 101-111.
- Danusaputro, S., C. Lee, and L. Martin-Vega (1990), "An Efficient Algorithm for Drilling Printed Circuit Boards", *Computers and Industrial Engineering*, Vol. 18, pp. 145-151.
- Dauch, R.E. (1993), *Passion for Manufacturing*, Society of Manufacturing Engineers, Dearborn, MI.
- Davis, L. S. and K. N. Johnson (1987), *Forest Management*, 3rd ed., McGraw-Hill Company.
- Dembo, R.S., A. Chiarri, J.G. Martin, and L. Paradinas (1990), "Managing Hidroeléctrica Española's Hydroelectric Power System", *Interfaces*, Vol. 20, No. 1 (Jan.-Feb.), pp. 115-135.
- d'Epenoux, F. (1963), "A Probabilistic Production and Inventory Problem", *Management Science*, Vol. 10, No. 1 (Oct.), pp. 98-108.
- DeRosa, D. (1992), *Options on Foreign Exchange*, Irwin Professional Publishing, New York.
- DeWitt, C. W., L. Lasdon, A. Waren, D. Brenner and S. Melhem (1989), "OMEGA: An Improved Gasoline Blending System for Texaco," *Interfaces*, Vol. 19, No. 1 (Jan.-Feb.), pp. 85-101.
- Dikin, I. I. (1967), "Iterative Solution of Problems of Linear and Quadratic Programming", *Soviet Mathematics Doklady*, Vol. 8, pp. 674-675.
- Dial, R.B. (1994), "Minimizing Trailer-on-Flat-Car Costs: A Network Optimization Model", *Transportation Science*, Vol. 28, pp. 24-35.
- Ding, X. and M. Puterman(2002), "The Censored Newsvendor and the Optimal Acquisition of Information", *Operations Research*, vol. 50, no. 3, pp. 517-527.
- Dutton, R., G. Hinman and C. B. Millham (1974), "The Optimal Location of Nuclear-Power Facilities in the Pacific Northwest", *Operations Research*, Vol. 22, No. 3 (May-June), pp. 478-487.
- Dyckhoff, H. (1981), "A New Linear Programming Approach to the Cutting Stock Problem", *Operations Research*, Vol. 29, No. 6 (Nov.-Dec.), pp. 1092-1104.
- Edie, L. C. (1954), "Traffic Delays at Toll Booths", *Operations Research*, Vol. 2, No. 2 (May), pp. 107-138.
- Elshafei, A. (1977), "Hospital Lay-out as a Quadratic Assignment Problem", *Operational Research Quarterly*, Vol. 28, pp. 167-169.
- Emmelhainz, L. W., M. A. Emmelhainz, and J. R. Stock (1991), "Logistics Implications of Retail Stockouts", *Journal of Business Logistics*, Vol. 12, No. 2, pp. 129-142.
- Eppen, G., K. Martin, and L. Schrage (1988), "A Scenario Approach to Capacity Planning", *Operations Research*, Vol. 37, No. 4 (July-August), pp. 517-530.
- Eppen, G. D. and R. K. Martin (1987), "Solving Multi-Item Capacitated Lot-Sizing Problems Using Variable Redefinition." *Operations Research*, Vol. 35, No. 6 (Nov.-Dec.), pp. 832-848.
- Fahim, M., . Al-Sahhaf, and A. Elkilani (2010), *Fundamentals of Petroleum Refining*, 1st ed., Elsevier B.V., The Netherlands.
- Farley, A. A. (1990), "A Note on Bounding a Class of Linear Programming Problems, Including Cutting Stock Problems", *Operations Research*, Vol. 38, No. 5 (Sept.-Oct.), pp. 922-923.

- Fields, C., J. F. Hourican and E. A. McGee (1978), "Developing a Minimum Cost Feed Blending System for Intensive Use", *Joint National TIMS/ORSA Meeting*, New York, NY.
- Fieldhouse, M. (1993), "The Pooling Problem", *Optimization in Industry*, (Eds.) T. A. Ciriani and R. C. Leachman, John Wiley & Sons.
- Fillon, M. (1996), "Taming the Yangtze", *Popular Mechanics*, Vol. 173, No. 7 (July), pp. 52-56.
- Fisher, M. and A. Raman (1996), "Reducing the Cost of Demand Uncertainty Through Accurate Response to Early Sales", *Operations Research*, Vol. 44, No. 1 (Jan.-Feb.), pp. 87-99.
- Florian, M (1977), "An Improved Linear Approximation Algorithm for the Network Equilibrium (Packet Switching) Problem", *Proceedings 1977 IEEE Conference Decision and Control*.
- Fudenberg, D. and J. Tirole (1993) *Game Theory*, The MIT Press, Cambridge, MA.
- Gaballa, A. and W. Pearce(1979), "Telephone Sales Manpower Planning at Qantas", *Interfaces*, Vol. 9, No. 3,(May), pp. 1-9.
- Geoffrion, A. (1976), "The Purpose of Mathematical Programming is Insight, Not Numbers", *Interfaces*, Vol. 7, No. 1 (November), pp. 81-92.
- Geoffrion, A. and G. W. Graves (1974), "Multicommodity Distribution System Design by Benders Decomposition", *Management Science*, Vol. 20, No. 5 (January), pp. 822-844.
- Glover, F. and D. Klingman (1977), "Network Applications in Industry and Government", *AIEE Transactions*, Vol. 9, pp. 363-376.
- Golabi, K., R.B. Kulkarni, and G.B. Way (1982), "A Statewide Pavement Management System", *Interfaces*, Vol. 12, No. 6 (Nov.-Dec.), pp. 5-21.
- Gomory, R. E. (1958), "Outline of an Algorithm for Integer Solutions to Linear Programs", *Bulletin of the American Mathematical Society*, Vol. 64, pp. 275-278.
- Grandine, T.A.(1998), "Assigning Season Tickets Fairly", *Interfaces*, Vol. 28, No. 4(July-August), pp. 15-20.
- Graves, R., J. Sankaran, and L. Schrage (1993), "An Auction Method for Course Registration", *Interfaces*, Vol. 23, No. 5 (1993), pp. 81-92.
- Greenberg, H.J.(1978), *Design and Implementation of Optimization Software*, Sijthoff & Noordhoff.
- Grinold, R.C. (1983), "Model Building Techniques for the Correction of End Effects in Multistage Convex Programs", *Operations Research*, Vol. 31, No. 3, pp. 407-431.
- Gross, D. and C. Harris(1998), *Fundamentals of Queueing Theory*, 3rd ed., Wiley Interscience, New York.
- Grötschel, M., M. Jünger and G. Reinelt (1985), "Facets of the Linear Ordering Polytope", *Mathematical Programming*, Vol. 33, pp. 43-60.
- Gunawardane, G., S. Hoff and L. Schrage (1981), "Identification of Special Structure Constraints in Linear Programs", *Mathematical Programming*, Vol. 21, pp. 90-97.
- Hadley, G. (1962), *Linear Programming*, Addison-Wesley.

- Hane, C.A., C. Barnhart, E.L. Johnson, R.E. Marsten, G.L. Nemhauser, G. Sigismondi (1995), "The Fleet Assignment Problem: Solving a Large Scale Integer Program", *Mathematical Programming*, Vol. 70, pp. 211-232.
- Hansen, C.T., K. Madsen, and H.B. Nielsen (1991), "Optimization of Pipe Networks", *Mathematical Programming*, Vol. 52, pp. 45-58.
- Hanson, W. and R. K. Martin (1990), "Optimal Bundle Pricing", *Management Science*, Vol. 36, No. 2 (February), pp. 155-174.
- Haverly, C. A. (1978), "Studies of the Behavior of Recursion for the Pooling Problem", *SIGMAP Bulletin*, Association for Computing Machinery, no. 25 (Dec.).
- Heath, D., R. Jarrow, and A. Morton (1992), "Bond Pricing and the Term Structure of Interest Rates: A New Methodology for Contingent Claims Valuation", *Econometrica*, Vol. 60, No. 1, pp. 77-105.
- Held, M. and R. Karp(1962), "A Dynamic Programming Approach to Sequencing Problems", *SIAM Journal of Applied Math*, vol. 10, no. 1, pp. 196-210.
- Infanger, G. (1994), *Planning Under Uncertainty: Solving Large-Scale Stochastic Linear Programs*, Boyd & Fraser, Danvers, MA.
- Jackson, J.R.(1963), "Jobshop-Like Queueing Systems", *Management Science*, Vol. 10, No. 1, pp. 131-142.
- Jenkins, L. (1982), "Parametric Mixed Integer Programming: An Application to Solid Waste Management", *Management Science*, Vol 28, No. 11 (Nov.), pp. 1270-1284.
- Jeroslow, R.G., K. Martin, R.L. Rardin, J. Wang (1992), "Gainfree Leontief Substitution Flow Problems", *Mathematical Programming*, Vol. 57, pp. 375-414.
- Jorion, P. (2001), *Value at Risk*, 2nd ed., McGraw-Hill.
- Kaiser, M., A. de Klerk, J. Gary, and G. Handwerk, (2020). *Petroleum Refining, Technology, Economics and Markets*, 6th ed., CRC Press/Taylor Francis, Boca Raton, FL.
- Kall, P. and S.W. Wallace (1994), *Stochastic Programming*, John Wiley & Sons, New York, NY.
- Karmarkar, N. K. (1985), "A New Polynomial Time Algorithm for Linear Programming", *Combinatorica*, Vol. 4, pp. 373-395.
- Kehoe, T.J. (1985), "A Numerical Investigation of Multiplicity of Equilibria", *Mathematical Programming Study* 23, pp. 240-258.
- Khachian, L. G. (1979), "A Polynomial Algorithm in Linear Programming", *Soviet Mathematics Doklady*, Vol. 20, No. 1, pp. 191-194.
- King, R. H. and Love, R. R. (1980), "Coordinating Decisions for Increased Profits", *Interfaces*, Vol. 10, No. 6 (December), pp. 4-19.
- Konno, H. and H. Yamazaki (1991), "Mean-Absolute Deviation Portfolio Optimization Model and Its Applications to Tokyo Stock Market", *Management Science*, Vol. 37, No. 5 (May), pp. 519-531.
- Kontogiorgis, S. and S. Acharya (1999), "US Airways Automates Its Weekend Fleet Assignment", *Interfaces*, Vol. 29, No. 3(May-June), pp. 52-62).

- Koopmans, T. and M. Beckmann (1957), "Assignment Problems and the Location of Economic Activities", *Econometrica*, Vol. 25, pp. 53-76.
- Kruskal, Jr., J. B. (1956), "On the Shortest Spanning Subtree of a Graph and the Traveling Salesman Problem", *Proc. Amer. Math. Soc.*, Vol. 7, pp. 48-50.
- Lasdon, L. S., and Terjung, R. C. (1971), "An Efficient Algorithm for Multi-Item Scheduling", *Operations Research*, Vol. 19, No. 4, pp. 946-69.
- Lawler, E. L. (1963), "The Quadratic Assignment Problem", *Management Science*, Vol. 19, pp. 586-599.
- Lawler, E. L., J. K. Lenstra, A. H. G. Rinnooy Kan and D. B. Shmoys (1985), "The Traveling Salesman Problem: A Guided Tour of Combinatorial Optimization", John Wiley & Sons.
- Leontief, W. (1951), *The Structure of American Economy, 1919-1931*, Oxford University Press, New York, NY.
- Levy, F. K. (1978), "Portfolios to Satisfy Damage Judgements: A Simple Approach", *Interfaces*, Vol. 9, No. 1 (Nov.), pp. 106-107.
- Lin, S. and B. Kernighan (1973), "An Effective Heuristic Algorithm for the Traveling Salesman Problem", *Operations Research*, Vol. 21, pp. 498-516.
- Little, J. D. C. (1961), "A Proof of the Queuing Formula $L = \lambda W$ ", *Operations Research*, Vol. 9, No. 3 (May-June), pp. 383-387.
- Madansky, A. (1962), "Methods of Solution of Linear Programs Under Uncertainty", *Operations Research*, Vol. 10, pp. 463-471.
- Mangasarian, O.L. (1993), "Mathematical Programming in Neural Networks", *ORSA Journal on Computing*, Vol. 5, No. 4, pp. 349-360.
- Manne, A. (1960), "Linear Programming and Sequential Decisions", *Management Science*, Vol. 6, No. 3 (April), pp. 259-267.
- Markowitz, H. M. (1959), *Portfolio Selection, Efficient Diversification of Investments*, John Wiley & Sons, Inc..
- Markowitz, H. and A. Perold (1981), "Portfolio Analysis with Scenarios and Factors", *Journal of Finance*, Vol. 36, pp. 871-877.
- Marsten, R. E., M. P. Muller and C. L. Killion (1979), "Crew Planning at Flying Tiger: A Successful Application of Integer Programming", *Management Science*, Vol. 25, No. 12 (Dec.), pp. 1175-1183.
- Marsten, R. E., M. J. Saltzman, D. F. Shanno, G. S. Pierce, and J. F. Ballintijn (1989), "Implementation of a Dual Affine Interior Point Algorithm for Linear Programming", *ORSA J. on Computing*, Vol. 1, No. 4, pp. 287-297.
- Martin, R. K.(1999) *Large Scale Linear and Integer Optimization: A Unified Approach*, Kluwer Academic Publishers, Boston.
- Maschler, M., B. Peleg, and L. S. Shapley (1979), "Geometric Properties of the Kernel, Nucleolus, and Related Solution Concepts", *Mathematics of Operations Research*, Vol. 4, No. 4 (Nov.), pp. 303-338.

- Mehrabian, S. G. Jahanshahloo, M. Alirezaee, and G. Amin (2000) "An Assurance Interval for the non_Archimedean Epsilon in DEA Models", *Operations Research*, Vol. 48, No. 2, pp. 344-347.
- Miller, H. E., W. P. Pierskalla and G. J. Rath (1976), "Nurse Scheduling using Mathematical Programming", *Operations Research*, Vol. 24, pp. 857-870.
- Miller, C. E., A. W. Tucker, and R. A. Zemlin(1960), "Integer Programming Formulations and Travelng Salesman Problems", *Journal of ACM*, pp. 326-329.
- Moldovanu, B. and M. Tietzel (1998) "Goethe's Second-Price Auction", *Journal of Political Economy*, Vol. 106, No. 4, pp. 854-858
- Murchland, J. D. (1970), "Braess's Paradox of Traffic Flow", *Transportation Research*, Vol. 4, pp. 391-394.
- Nahmias, S.(1997) *Production and Operations Analysis*, 3rd ed., Irwin Publishing, Homewood, IL.
- Nauss, R. M. (1986), "True Interest Cost in Municipal Bond Bidding: An Integer Programming Approach", *Management Science*, Vol. 32, No. 7, pp. 870-877.
- Nauss, R. M. and B. R. Keeler (1981), "Minimizing Net Interest Cost in Municipal Bond Bidding", *Management Science*, Vol. 27, No. 4 (April), pp. 365-376.
- Nauss, R. M. And R. Markland (1981), "Theory and Application of an Optimization Procedure for Lock Box Location Analysis", *Management Science*, Vol. 27, No. 8 (August), pp. 855-865.
- Neebe, A. W. (1987), "An Improved, Multiplier Adjustment Procedure for the Segregated Storage Problem", *Journal of the Operational Research Society*, Vol. 38, No. 9, pp. 1-11.
- Orlin, J.B. (1982), "Minimizing the Number of Vehicles to Meet a fixed Periodic Schedule: An Application of Periodic Posets", *Operations Research*, Vol. 30, No. 4, pp. 760-776.
- Nemhauser, G. L. and L. A. Wolsey (1988), *Integer and Combinatorial Optimization*, John Wiley & Sons, Inc.
- Padberg, M. and G. Rinaldi (1987), "Optimization of a 532-City Symmetric Traveling Salesman Problem by Branch and Cut", *Operations Research Letters*, Vol. 6, No. 1.
- Palmquist, J., Uryasev, S., and Krokmal, P.(2002), "Portfolio Optimization with Conditional Value-at-Risk Objective and Constraints", *The Journal of Risk*, vol. 4, pp. 11-27.
- Parker, R.G. and R.L. Rardin (1988), *Discrete Optimization*, Academic Press, San Diego.
- Peiser, R.B. and S.G. Andrus (1983), "Phasing of Income-Producing Real Estate", *Interfaces*, Vol. 13, No. 5 (Oct), pp. 1-9.
- Perold, A. F. (1984), "Large Scale Portfolio Optimization", *Management Science*, Vol. 30, pp. 1143-1160.
- Plane, D. R. and T. E. Hendrick (1977), "Mathematical Programming and the Location of Fire Companies for the Denver Fire Department", *Operations Research*, Vol. 25, No. 4 (July-August), pp. 563-578.
- Pritzker, A., L. Watters, and P. Wolfe (1969), "Multiproject Scheduling with Limited Resources: a Zero-One Programming Approach", *Management Science*, Vol. 16, No. 1 (Sept.), pp. 93-108.
- Puterman, M. L. (1994), *Markov Decision Processes: Discrete Stochastic Dynamic Programming*, Wiley.
- Quinn, P., B. Andrews, and H. Parsons(1991) "Allocating Telecommunications Resources at L.L. Bean, Inc.", *Interfaces*, vol. 21, no. 1, pp. 75-91.

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- Rardin, R. L. (1998), *Optimization in Operations Research*, Prentice Hall, New Jersey.
- Rigby, B., L. Lasdon, and A. Waren (1995), "The Evolution of Texaco's Blending Systems: From Omega to StarBlend", *Interfaces*, Vol. 25, No. 5, pp. 64-83.
- Roache, P. J.(1998), Verification and Validation in Computational Science and Engineering, Hermosa, NM. ISBN 0-913478-08-3.
- Rogers, D.F., R.D. Plante, R.T. Wong, and J.R. Evans (1991), "Aggregation and Disaggregation Techniques and Methodology in Optimization", *Operations Research*, Vol. 39, No. 4 (July-August), pp. 553-582.
- Ross, G. T. and R. M. Soland (1975), "Modeling Facility Location Problems as Generalized Assignment Problems", *Management Science*, Vol. 24, pp. 345-357.
- Rosenthal, R. and R. Riefel (1994), "Optimal Order-Picking", Bulletin for the ORSA/TIMS Detroit Meeting, INFORMS, Baltimore, MD.
- Rothstein, M. (1985), "OR and the Airline Overbooking Problem", *Operations Research*, Vol. 33, No. 2 (March-April), pp. 237-248.
- Roy, A. D. (1952), "Safety First and the Holding of Assets", *Econometrica*, Vol. 20 (July), pp. 431-439.
- Samuelson, D.(1999), "Predictive Dialing for Outbound Telephone Call Centers", *Interfaces*, vol. 29, no. 5,(Sept-Oct), pp. 66-81.
- Sankaran, J. (1989), *Bidding Systems for Certain Nonmarket Allocations of Indivisible Items*, Ph.D. dissertation, University of Chicago.
- Schrage, L. (1975), "Implicit Representation of Variable Upper Bounds in Linear Programming", *Mathematical Programming*, Study 4, pp. 118-132.
- Schrage, L. (1978), "Implicit Representation of Generalized Variable Upper Bounds in Linear Programming", *Mathematical Programming*, Vol. 14, No. 1, pp. 11-20.
- Schrage, L. and L. Wolsey (1985), "Sensitivity Analysis for Branch-and-bound Integer Programming", *Operations Research*, Vol. 33, No. 5 (Sept., Oct.), pp. 1008-1023.
- Schrage, L. (1989), "A Debugging Aid for Constrained Optimization Models", Technical report, University of Chicago.
- Schrijver, A. (1986), *Theory of Linear and Integer Programming*, John Wiley & Sons, Ltd.
- Schuster, E.W. and S.J. Allen (1998), "Raw Material Management at Welch's, Inc." *Interfaces*, vol. 28, no. 5, pp. 13-24.
- Serafini, P. (1996), "Scheduling Jobs on Several Machines with the Job Splitting Property", *Operations Research*, Vol. 44, No. 4, (July-August), pp. 617-628.
- Sexton, T.R., S. Sleeper, and R. E. Taggart, Jr. (1994), "Improving Pupil Transportation in North Carolina", *Interfaces*, Vol. 24, No. 1 (Jan.-Feb.), pp. 87-103.
- Sharpe, W. F. (1963), "A Simplified Model for Portfolio Analysis", *Management Science*, Vol. 9 (Jan.), pp. 277-293.

- Sherali, H., and W. Adams(1999), A Reformulation-Linearization Technique for Solving Discrete and Continuous Nonconvex Problems, Kluwer Academic Publishers, Dordrecht, The Netherlands.
- Sherbrooke, C.C. (1992), *Optimal Inventory Modeling of Systems, Multi-echelon Techniques*, John Wiley & Sons, New York, NY.
- Sherman, H. D., and G. Ladino (1995), "Managing Bank Productivity Using Data Envelopment Analysis (DEA)", *Interfaces*, Vol. 25, No. 2 (March-April), pp. 60-73.
- Shlifer, E. and Y. Vardi (1975), "An Airline Overbooking Policy," *Transportation Science*, Vol. 9, No. 2 (May), pp. 101-114.
- Srinivasan, V. (1976), "Linear Programming Computational Procedures for Ordinal Regression", *Journal of ACM*, Vol. 23, No. 3 (July), pp. 475-487.
- Steinberg, L. (1961), "The Backboard Wiring Problem: A Placement Algorithm", *SIAM Review*, Vol. 3, pp. 37-50.
- Stern, G. and R. Blumenstein (1996), "GM Expands Plan to Speed Cars to Buyers", *Wall Street Journal*, 21 October, p. A3.
- Stigler, G. (1963), "United States vs. Loew's, Inc: A Note on Block Booking", *Supreme Court Review*, p. 152.
- Stigler, G. J (1945), "The Cost of Subsistence", *Journal of Farm Economics*, Vol. 27, No. 2 (May), pp. 303-314.
- Stone, J.C. (1988), "Formulation and Solution of Economic Equilibrium Problems", Tech. Report. SOL. 88-7. Stanford University.
- Strevell, M. and P. Chong (1985), "Gambling on Vacation", *Interfaces*, Vol. 15, No. 2 (March-April), pp. 63-67.
- Stroup, J.S., and R.D. Wollmer (1992), "A Fuel Management Model for the Airline Industry", *Operations Research*, Vol. 40, No. 2 (March-April), pp. 229-237.
- Subramanian, R.A., R.P. Scheff, J.D. Quillinan, D.S. Wiper, and R.E. Marsten (1994), "Coldstart: Fleet Assignment at Delta Air Lines", *Interfaces*, Vol. 24, No. 1 (Jan.-Feb.), pp. 104-120.
- Sze, D. Y. (1984), "A Queueing Model for Telephone Operator Staffing," *Operations Research*, Vol. 32, No. 2 (March-April), pp. 229-249.
- Thompson, R. G., F. D. Singleton, R. M. Thrall and B. A. Smith (1986), "Comparative Site Evaluations for Locating a High-Energy Physics Lab in Texas", *Interfaces*, Vol. 16, pp. 35-49.
- Tomlin, J. and J. S. Welch (1985), "Integration of a Primal Simplex Algorithm with a Large Scale Mathematical Programming System", *ACM Trans. Math. Software*, Vol. 11, pp. 1-11.
- Trott, M.D (1985), "Spying on the Cost Structure of Naive Bidding Competitors via Linear Programming Models", *Operations Research Letters*, Vol. 4, No. 4, pp. 181-184.
- Truemper, K. (1976), "An Efficient Scaling Procedure for Gains Networks", *Networks*, Vol. 6, pp. 151-160.
- Vickrey, W. (1961), "Counterspeculation, Auctions, and Competitive Sealed Tenders", *Journal of Finance*, Vol. 16, No. 1 (March), pp. 8-37.

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- Wagner, C. H.(1982), "Simpson's Paradox in Real Life", *The American Statistician*, Vol. 36, No. 1(February), pp. 46-48.
- Wagner, H. M. and T. M. Whitin (1958), "Dynamic Version of the Economic Lot-Size Model", *Management Science*, Vol. 5, No. 1, pp. 89-96.
- Wall Street Journal*, "UAL's United Alters Schedule, Cuts Costs, Boosts Flights in Face of Discount Fares", (19 June, 1978), p. 8.
- Wang, K.C.P. and J.P. Zaniewski (1996), "20/30 Hindsight: The New Pavement Optimization in the Arizona State Highway Network", *Interfaces*, Vol. 26, No. 3 (May-June), pp. 77-89.
- Warner, D. M. (1976), "Scheduling Nursing Personnel According to Nursing Preference: A Mathematical Programming Approach", *Operations Research*, Vol. 24, No. 5 (September-October), pp. 842-856.
- Weingartner, H. M. (1972), "Municipal Bond Coupon Schedules with Limitations on the Number of Coupons", *Management Science*, Vol. 19, No. 4 (Dec.), pp. 369-378.
- What's Best User Manual*. LINDO Systems, Chicago, (1998).
- Whitt, W.(1993), "Approximations for the GI/G/m Queue", *Production and Operations Management*, vol. 2. no. 2, pp. 114-161.
- Wolsey, L.(1998), "Integer Programming", *Wiley Interscience*, New York.