

BIBLIOGRAPHY

Blanchard, B. S., & Fabrycky, W. J. (1990). Systems Engineering and Analysis (2nd ed.). Englewood Cliffs, N. J.: Prentice-Hall.

Boussoufiane, A., Dyson, R. G. & Thanassoulis, E. (1991). Applied Data Envelopment Analysis. European Journal of Operational Research, 52, 1-15.

Buede, D. M. (2000). The Engineering Design of Systems: Models and Methods. (1st ed.). New York: John Wiley.

Charnes, A., Cooper, W.W., Lewin, A.Y., & Seiford, L.M. (1994). Data Envelopment Analysis: Theory, Methodology and Applications. Norwell, MA: Kluwer Academic Publishers.

Charnes, A., Cooper, W.W., & Rhodes, E. (1978). Measuring the Efficiency of Decision Making Units". European Journal of Operations Research 2(6), 429-444.

Cobb, C. W. and Douglas, P. H., (1928) A Theory of Production. The American Economic Review, 18 (1), 139-165.

Coelli, T., Rao, D.S.P. & Battese, G.E., (1998). An Introduction to Efficiency and Productivity Analysis. Boston, MA: Kluwer Academic Publishers.

Coyle, R.G. (1985). The Use of Optimization Methods for Policy design in a System Dynamics Model. System Dynamics Review 1(1), 81-91.

Coyle, R. G. (1996). Systems Dynamics Modelling: A Practical Approach. (1st ed.) London, Great Britain: Chapman & Hall.

Dantzig, G.B. (1998). Linear Programming and Extensions. Princeton N.J.: Princeton University Press.

Defense Modeling and Simulation. (1996). VV&A Recommended Practical Guide. Washington DC: U. S. Department of Defense.

Department of Defense (2000). Department of Defense Instruction 5000.2. Washington DC: Department of Defense.

Drew, D. R., (1994). Systems Dynamics: Modeling and Applications. Unpublished manuscript, Virginia Polytechnic and State University at Blacksburg.

Eisner, H. (1997). Essentials of Project and Systems Engineering Management. New York: John Wiley & Sons, Inc.

Färe, R. & Grosskopf, S. (1996). Intertemporal Production Frontiers: With Dynamic DEA. Boston, MA: Kluwer Academic Publishers.

Färe, R., Grosskopf, S., & Lovell, C.A.K. (1994). Production Frontiers. Cambridge, MA: Cambridge University Press.

Färe, R. & Lovell, C.A.K. (1978). Measuring the Technical Efficiency of Production, Journal of Economic Theory, 19(1), 150-162.

Färe, R. and Primont, D. (1995). Multi-Output Production and Duality: Theory and Applications. Boston, MA: Kluwer Academic Publishers.

Farrell, M. J., (1957). The Measurement of Productive Efficiency. Journal of the Royal Statistical Society, 120(3), 253-281.

Fletcher, R. & Powell, M.J.D. (1963). A Rapid Convergent Descent Method for Minimization. Computer Journal 6(2), 163-168.

- Forrester, J.W. (1961). Industrial Dynamics. Cambridge, MA: MIT Press.
- Forrester, J.W. (1968). Principles of Systems. Cambridge, MA: MIT Press.
- Frisch, R. (1935-36). "on the Notion of equilibrium and Disequilibrium". Review of Economic Studies, 3(1), 100-106.
- Hillier, F.S. & Lieberman, G.J. (1995). Introduction to Operations research (6th Ed.). New York, NY: McGraw-Hill, Inc.
- Iansity, M., (1998). Technology Integration. Boston, MA: Harvard Business School Press.
- Kamien, M.I. & Schwartz, N.L. (1981). Dynamic Optimization: The Calculus of Variations and Optimal Control in Economics and Management. New York, NY: Elsevier Science Publishing Company, Inc.
- Keloharju, R. (1983). Relativity Dynamics. Helsinki, Finland: The Helsinki School of Economics.
- Kivijärvi, H. & Tuominen, M., (1986). Solving Economic Optimal Control Problems with System Dynamics. System Dynamics Review 2(2), 138-149.
- Koopman, T.C. (Ed.) (1951). Activity Analysis of Production and Allocation. New York: John Wiley.
- Kopp, R. J., (1981). The measurement of productive Efficiency: A Reconsideration. Quarterly Journal of Economics, (96) 476-503.
- Law A. M. & Kelton, W. D. (2000). Simulation Modeling and Analysis. (3rd ed.). Boston, MA: McGraw Hill.

Luenberger, D.G. (1979). Introduction to Dynamic Systems: Theory, Models and Applications. New York, NY: John Wiley and Sons.

Pidd, M. (1998). Computer Simulation in Management Science. New York, NY: John Wiley and Sons.

Richardson, G.P. & Pugh III, A.L. (1981). Introduction to System Dynamics Modeling. Cambridge, MA: MIT Press.

Roberts, E. B. (1978). System Dynamics-An Introduction. In E. B. Roberts (Ed.), Managerial Applications of System Dynamics (pp. 3-16). Cambridge, MA: MIT Press.

Roberts, N., Andersen, D., Deal, R., Garet, M., & Shaffer, W. (1983). Introduction to Computer Simulation: A System Dynamics Modeling Approach. New York, NY: Addison-Wesley Publishing Company.

Samuelson, P.A. (1947). Foundations of Economic Analysis. Cambridge, MA: Harvard University Press.

Schmidt, P., Lovell, C.A. K. & Knox, C. A., Estimating Technical and Allocative Inefficiency Relative to Stochastic Production and Cost Frontiers. Journal of Econometrics, 9, 343-366.

Senge, P. M. (1990). The Fifth Discipline: The Art and Practice of the Learning Organization. New York, New York: Doubleday.

Sterman, J.D. (2000). Business Dynamics: Systems Thinking and Modeling for a Complex World. Boston, MA: Irwin McGraw-Hill.

Takayama, A., (1985). Mathematical Economics (2nd Ed.). New York, NY: Cambridge University Press.

K. Triantis (Class notes ISE-5144 Virginia Polytechnic Institute and State University, Spring 1995)

Vanderplaats, G.N. (1984). Numerical Optimization Techniques for Engineering Design With Applications. New York, NY: McGraw-Hill, Inc.

Vaneman, W. K. (1997). The Effect of Implementing New Technology Into An Existing Production Process. Unpublished masters degree project and report. Virginia Polytechnic Institute and State University, Falls Church, VA.

Vaneman, W. K. & Triantis, K. (2003, Forthcoming) The Dynamic Production Axioms and System Dynamics Behaviors: The Foundation for Future Integration. Journal of Productivity Analysis, 19 (1) 99-113.

Vennix, J. A. M. (1996). Group Model Building: Facilitating Team Learning using System Dynamics. New York: John Wiley & Sons.

Vensim 3.0 (Reference manual, revised). (1998). Harvard, MA: Ventana Systems, Inc.

Wagner, H. M., (1969). Principles of Operations Research with Applications to Managerial Decisions. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Wolstenholme, E. F. (1990). System Enquiry: A System Dynamics Approach. New York: John Wiley & Sons.

Wright, T.P., (1936). Factors Affecting the Cost of Airplanes. Journal of Aeronautical Sciences, 3(4)