

REFERENCES

1. Anandalingam, G., *A Mathematical Programming Model of Decentralized Multi-Level Systems*, Journal of Operations research Society, Vol. 39, No. 11, 1988, pp. 1021-1033.
2. Athanassopoulos, A., *Goal Programming and Data Envelopment Analysis (GoDEA) for Target-Based Multi-Level Planning: Allocating Central Grants to the Greek Local Authorities*, European Journal of Operations Research, Vol. 87, 1995, pp. 535-550.
3. Banker, R. D., and Morey, R.C., *Efficiency Analysis for Exogenously Fixed Inputs and Outputs*, Operations Research, Vol. 34, No. 4, 1986, pp. 513-521.
4. Charnes, A., and Cooper, W.W., *Goal Programming and Multiple Objective Optimizations*, European Journal of operations Research, Vol. 1, 1977, pp. 39-54.
5. Charnes, A., Cooper, W.W., and Rhodes, E., *Measuring the Efficiency of Decision Making Units*, European Journal of Operations Research, Vol. 2, 1978, pp. 429-444.
6. Charnes, A., Cooper, W.W., Lewin, A., and Seiford., L *Data Envelopment Analysis: Theory, Methodology and Applications*, Kluwer Academic Publisher, 1994.
7. Debreu, G., The coefficient of resource utilization, *Econometrica*, Volume 19, No.3, 1951, pp. 273-292.
8. Farrel, M. J., The measurement of production efficiency, *Journal of the Royal Statistical Society, Series A (general)*, Volume 120, No. 3, 1957, pp. 253-281.

9. Färe, R., and Lovell, C.A.K., *Measuring the Technical Efficiency of Production*, Journal of Economic Theory, Vol. 19, No. 1, 1978, pp. 150-162.
10. Färe, Rolf., Grosskopf, Shawna., and Lovell, Knox., *Nonparametric Disposability Tests*, Journal of Economics, Vol. 47, No. 1, 1987, pp. 77-85.
11. Ferrier, G.D., Kerstens, K., and Vanden Eeckaut, P., *Radial and Non-Radial Technical Efficiency Measures on a DEA Reference Technology: A Comparison using US Banking Data*.
12. Gershwin, S.B., *Manufacturing Systems Engineering*, 1994, Prentice-Hall, New Jersey.
13. Golany, B., *An Interactive MOLP procedure for the extension of DEA to Effectiveness Analysis*, Journal of Operations research Society, Vol. 39, 1998, No. 8, pp. 725-734.
14. Halme, M., Joro, T., Korhonen, P., Salo, S., and Wallenius, J., *A Value Efficiency Approach to Incorporating Preference Information in Data Envelopment Analysis*, Working Papers, W-171, Helsinki School of Economics and Business administration, 1996.
15. Ignizio, J.P., *Linear Programming in Single and Multiple Objective Systems*, 1982, Prentice-Hall, Englewood Cliffs, New Jersey.
16. Jones, M.T., Tamiz, M., and El-Darzi, E., *A Review of Goal Programming and its Applications*, Journal of Operations research, Vol. 58, 1995, pp. 39-53.

17. Joro, T., Korhonen, P., and Wallenius, J., *Structural Comparison of Data Envelopment Analysis and Multiple Objective Linear Programming*, Working Papers, W-144, Helsinki School of Economics and Business administration, 1995.
18. Koopmans, T., *Analysis of production as an efficient combination of activities, activity analysis of production and allocation*, New Haven, Yale University Press, 1951, pp. 33-97.
19. Lovell, C.A.K., *Production Frontiers and Productive Efficiency*, The Measurement of Productive Efficiency, Fried Lovell and Schmidt Editors, Oxford University Press, 1993, pp. 1-67.
20. Nijkamp, P., and Rietvald, P., *Multi-Objective Multi_Level Policy Models: An Application to Regional and Environmental Planning*, European Economic Review, Vol. 15, 1981, pp. 63-89.
21. Otis, Paul T., "*Bottleneck Identification Analysis*," Report, February 1996.
22. Reeves, G.R., and Hedin, S.R., *A Generalized Interactive Goal Programming Procedure*, Computers Operations Research, Vol. 20, 1993, No. 7, pp. 747-753.
23. Retzalaff-Roberts, D.L., and Morey, R.C., *A Goal-Programming Method of Stochastic Allocative Data Envelopment Analysis*, European Journal of Operations Research, Vol.71, 1993, pp. 379-397.
24. Thanassoulis, E., and Dyson, R.G., *Estimating Preferred Target Input-Output Levels using Data Envelopment Analysis*, European Journal of Operations Research, Vol. 56, 1992, pp. 80-97.

25. Wierzbicki, A., "*The Use of Reference Objectives in Multiobjective Optimization*", in G. Fandel and T. Gal (Eds.), 1980, *Multiple Objective Decision Making, Theory and Application*, Springer-Verlag, New York.

26. Zionts, S., and Wallenius, J., "*An Interactive Programming Method for Solving the Multiple Criteria Problem*", *Management Science*, Vol. 22, 1976, No. 6 pp. 652-663.