References

- [1] Birbil, S. I. and Fang, S. C., An Electromagnetism-like Mechanism for Global Optimization, *Journal of Global Optimization* **25**, 263-282, (2003).
- [2] Hentenryck, P.V., ILOG OPL Studio 3.5: The Optimization Language, Massachusetts Institute of Technology, April (2001).
- [3] Kelly, F. P., Fairness and Stability of End-to-End Congestion Control, *European Journal of Control* **9**, 159-176, (2003).
- [4] Kelly, F. P., Maulloo, A. K. and Tan, D.K.H., Rate Control for Communication Networks: Shadow Prices, Proportional Fairness and Stability, *Journal of the Operational Research Society* 3, 49, 237-252, (1998).
- [5] Luh, H. and Wang, C. H., Mathematical Models of Pareto Optimal Path Selection on All-IP Networks, *Proceedings of The First Sino-International Symposium on Probability, Statistics and Quantitative Management*, 185-197, (2004).
- [6] Luh, H. and Wang, C. H., Proportional Bandwidth Allocation for Unicasting in All-IP Networks, *Proceedings of the 2nd Sino-International Symposium on Probability, Statistics and Quantitative Management*, 111-130, (2005).
- [7] Maher, M., Stewart, K. and Rosa, A., Stochastic Social Optimum Traffic Assignment, *Transportation Research Part* 3, B 39, 753-767, (2005).
- [8] Nsakanda, A. L., Diaby, M. and Price, W. L., Hybrid Genetic Appoach for Solving Large-scale Capacitated Cell Formation Problems with Ultiple Routings, European Journal of Operational Research 171, 1051-1070, (2006).

- [9] Ogryczak, W., Śliwiński, T. and Wierzbicki, A., Fair Resource Allocation Schemes and Network Dimensioning Problems, *Journal of Telecommunications* and *Information Technology* 3, 34-42, (2003).
- [10] Pióro, M., Malicskó, G. and Fodor, G., Optimal Link Capacity Dimensioning in Proportionally Fair Networks, NETWORKING 2002, LNCS 2345, 277-288, (2002).
- [11] Rosenthal, R. E., *GAMS*, A *USER'S GUIDE*, GAMS Development Corporation, (1998).
- [12] Sahinidis, N. and Tawarmalani, M., *BARON Solver Manual*, GAMS Development Corporation, (2004).
- [13] Stockman, A. C., *Introduction to Economics*, 2nd ed., Fort Worth, Dryden Press, (1999).
- [14] Wang, C. H. and Luh, H., A Fair QoS Scheme for Bandwidth Allocation by Precomputation-Based Approach, *International Journal of Information and Management Sciences*, Vol. 19, No. 3, Accepted for Publication, (2008).
- [15] Wang, C. H. and Luh, H., A Precomputation-Based Scheme for QoS Routing and Fair Bandwidth Allocation, *Lecture Notes in Computer Science*, Vol. 4297, 595-606, (2006).
- [16] Wang, C. H. and Luh, H., A Two-Phase Scheme for Fair Bandwidth Allocation and QoS Routing in All-IP Networks. Proc. of the Third Sino-International Symposium on Probability, Statistics, and Quantitative Management, 49-63, Oct. (2006).
- [17] Wang, C. H. and Luh, H., Fair Budget Allocation of Precomputation in All-IP Networks, in Proc. of IFORS International Triennial Conference, Honolulu, Hawaii, July (2005).

- [18] Wang, C. H. and Luh, H., Network Dimensioning Problem of Applying Achievement Function, *Lecture Notes in Operations Research, Operations Research and Its Applications* **6**, 35-59, (2006).
- [19] Wang, C. H., and Luh, H., Two-Phase Modeling of QoS Routing in Communication Networks, submitted to International Workshop on Performance Modeling and Evaluation in Computer and Telecommunication Networks (PMECT07) in conjunction with IEEE ICCCN2007, Honolulu, Hawaii, USA, August 16, (2007).
- [20] Wang, C. H., Mathematical Models of Pareto Optimal Path Selection on All-IP Networks, Master's Thesis, Department of Mathematical Sciences, National Chengchi University, July (2004).
- [21] Wang, C. H., Yue, W. and Luh, H., Performance Evaluation of Predetermined Bandwidth Allocation for Heterogeneous Networks. *Technical Report of IEICE*, Vol. 107, No. 6, 37-42, (2007).
- [22] Wierzbicki, A.P., A Mathematical Basis for Satisficing Decision Making, Math. Modelling, Vol. 3, 391-405, (1982).