

References

1. The basic model for rush hour traffic

[1] Y. Sheffi. Urban Transportation Networks. Prentice Hall, Englewood Cliffs, NJ, 1985.

[2] M. Patriksson. Traffic Assignment Problems: Models and Methods. VSP International Science Publishers, Utrecht, 1994.

[3] T. Roughgarden. Selfish Routing and the Price of Anarchy. MIT Press, Cambridge, MA, 2005.

2. Computing user equilibria, the system optimum, and the constrained system optimum

[1] Y. Sheffi. Urban Transportation Networks. Prentice Hall, Englewood Cliffs, NJ, 1985.

[2] M. Patriksson. Traffic Assignment Problems: Models and Methods. VSP International Science Publishers, Utrecht, 1994.

[4] D. G. Luenberger and Yinyu Ye. Linear and Nonlinear Programming, Springer, 2008

[5] O. Jahn, R. H. Möhring, A. S. Schulz, and N. E. Stier Moses. System-optimal routing of traffic flows with user constraints in networks with congestion. *Oper. Res.*, 53(4):600–616, 2005.

[6] Z. Wu, R. H. Möhring, and D. Xu. Selfishness need not be bad: a general proof. *arXiv:1805.07762v1*, 2018. <https://arxiv.org/abs/1805.07762>.

3. Coupling optimization and simulation for traffic guidance in large traffic networks

[7] A. Horni, K. Nagel, and K. W. Axhausen, editors. The Multi-Agent Transport Simulation MATSim. Ubiquity Press, 2016. <http://matsim.org/the-book>

[8] H. Schilling. Route Assignment Problems in Large Networks. PhD thesis, Technische Universität Berlin, 2006.

4. Congestion pricing: Influencing traffic by tolls

[9] L. K. Fleischer, K. Jain, and M. Mahdian. Tolls for heterogeneous selfish users in multicommodity networks and generalized congestion games. In Proceedings of the 45th Annual Symposium on Foundations of Computer Science (FOCS), pages 277–285, 2004.

[10] T. Harks, I. Kleinert, M. Klimm, and R. H. Möhring. Computing network tolls with support constraints. *Networks*, 65(3):262–285, 2015.