## REFERENCES

- 1. Beckman, M.J., McGuire, C.B., and C.B. Winston. (1956). *Studies in the Economics of Transportation*. Yale University Press, Connecticut.
- 2. Ben-Akiva, M., De Palma, A. and P.Kanaroglu. (1986). "Dynamic Model of Peak Period Traffic Congestion with Elastic Arrival Rates", *Transportation Science*, Vol.20, No. 3, pp. 164-181.
- 3. Ben-Akiva, M., De Palma, A., and I. Kaysi. (1991). Dynamic network models and driver information systems. *Transportation Research Part A*, Vol. 25, No. 5, pp. 251-266.
- 4. Ben Akiva, M., M.Bierlaire, D.Burton, H.N.Koutsopoulus, and R.Mishalani (2001). Network State Estimation and Prediction for Real Time Traffic Management. *Network and Spatial Economics*. pp 293-318.
- 5. Birge, J.R. and J.K.Ho. (1993). "Optimal Flows in Stochastic Dynamic Networks with Congestion", *Operations Research*, Vol. 41, No. 1, pp. 203-216.
- 6. Bottom, J. (2000). Consistent Anticipatory Route Guidance. Phd Thesis. Massachussetts Institute of Technology.
- 7. Boyce, D.E., Ran, B. and L.J.LeBlanc. (1991). "Solving an Instantaneous Dynamic User-Optimal Traffic Assignment Model", *Transportation Science*, 1991.
- 8. Carey, M. (1987). "Optimal Time Varying Flows On Congested Networks", *Operations Research*, Vol. 35, No. 1, pp. 58-69.
- 9. Chang, G.-L., Mahmassani, H.S. and M.Engquist. (1988). "System Optimal Trip Scheduling and Routing in Commuting Networks", *Transportation Research Record*, 1251, pp. 54-65.
- 10. Chatterjee, K., Hounsell, N. B., Firmin, P. E., and P. W. Bonsall. (2002). Driver response to variable message sign information in London, *Transportation Research Part C*, 10(2), 149-169.
- 11. Chiu, Y.-C., Huyan, N., and H. S. Mahmassani. (2000). Determining optimal location for variable message signs under stochastic incident scenarios, *Transportation Research Record*, Proceedings of the 79<sup>th</sup> Annual Meeting CD-ROM, Washington D.C.
- 12. Dafermos, S.C. (1982). "The General Multimodal Network Equilibrium Problem with Elastic Demand", *Networks* 12, pp. 57-72.
- 13. Diakaki, C. Papageorgiou, M., and T.McLean (1997). Simulation studies of integrated corridor control in Glasgow. *Transportation Research C*, Vol. 5, Issue 3, pp. 211-224.

- 14. Frank, M. and P.Wolfe. (1956). "An Algorithm for Quadratic Programming", *Naval Research Logistics Quarterly 3*, Vol. 1-2, pp. 95-110.
- 15. Friesz, T.L., Luque, J., Tobin, R.L. and B.W.Wie . (1989). "Dynamic Network Traffic Assignment Considered as a Continuous Time Optimal Control Problem", *Operations Research*, Vol. 37, No. 6, pp. 893-901.
- 16. Friesz, T.L., Bernstein, D., Smith, T.E., Tobin, R.L. and B.W.Wie (1993). "A Variational Inequality Formulation of the Dynamic Network User Equilibrium Problem", *Operations Research*, Vol. 41, No. 1, pp. 179-191.
- 17. Ghali, M.O. and Smith, M.J. (1992a). "A Dynamic Traffic Assignment Model", Transportation Research Board 71 Annual Meeting, Washington D.C.
- 18. Ghali, M.O. and Smith, M.J. (1992c). "Dynamic Road Pricing and Dynamic TrafficAssignment for Congested Large Networks", presented at the 39th North American Regional Science Association International Conference, Chicago.
- 19. Halati, A. and D.E. Boyce (1991). Framework of Simulation and Evaluation of In-Vehicle Navigation Systems. Transportation Research Board 71<sup>th</sup> Annual Meeting, Washington, D.C.
- 20. Hicks, J.E., Boyce, D.E. and A.Sen. (1992). "Static Network Equilibrium Models and Analyses for the Design of Dynamic Route Guidance Systems", A Technical Report in Support of the Design Phase of the ADVANCE Project, Urban Transportation Center, University of Illinois at Chicago.
- 21. Ho, J.K. (1980). "A Successive Linear Optimization Approach to the Dynamic Traffic Assignment Problem", *Transportation Science*, 14, pp. 295-305.
- 22. Hounsell, N. B., Chatterjee, K, Bonsall, P. W., and P. E. Firmin. (1998). Variable message signs in London: evaluation in CLEOPATRA. Paper presented at *IEE* Ninth International Conference on Road Transport Information and Control.
- 23. Janson, B.N. (1991a). "Convergent Algorithm for Dynamic Traffic Assignment", *Transportation Research Record* 1328, pp. 69-80.
- 24. Janson, B.N. (1991b). "Dynamic Traffic Assignment for Urban Road Networks", *Transportation Research*, Vol. 25B, Nos. 2/3, pp. 143-161.
- 25. Jayakrishnan, R., and Mahmassani, H. S. and T. Y. Hu. (1994). An evaluation for advanced traffic information and management systems in urban networks, *Transportation Research Part C*, Vol. 2(3), 129-147.
- 26. Kaysi, I., and N.H. Ali(2000). Analytical Modeling of Driver Guidance Schemes with flow variability considerations. *Transportation Research Board*. Proceedings of the 79th

- Annual Meeting CD-ROM. Washington D.C.
- 27. Krishnamurthy, A.(2003). Robust information strategies for Advanced Traveler Information Systems. M.S. Thesis. Vanderbilt University.
- 28. Lomax, T., and D. Schrank. (2002). Texas Transportation Institute, 2002 Urban Mobility Study.
- 29. Mahmassani, H.S., and G.L.Chang (1987). On Boundedly Rational User Equilibrium behavior in Transportation Systems. *Transportation Science*. Vol.21, No.2, pp. 89-99.
- 30. Mcdonalds, M., Richards, A., Morris, R., and J. Sharpe. (1998). The development of VMS strategies. Paper presented at IEE Ninth International Conference on Road Transport Information and Control.
- 31. Merchant, D.K., and G.L.Nemhauser. (1978b). "Optimality Conditions for a Dynamic Traffic Assignment Model", *Transportation Science*, Vol.12, No.3, August 1978, pp. 200-207.
- 32. Messmer, A., Papageorgiou, M., and N. Mackenzie. (1998). Automatic control of variable message signs in the interurban Scottish highway network, *Transportation Research Part C*, Vol. 6, 173-187.
- 33. Messmer, A., and M. Papageorgiou. (1995). Route Diversion Control in Motorway Networks via Nonlinear Optimization. *IEEE Transactions on Control Systems Technology*. Vol. 3, No. 1, pp. 144-154.
- 34. Manmar, S., Messmer, A., Jensen, P., Papageorgiou, M., Haj-Salem, H., and L.Jensen. (1996). Automatic Control of Variable Message Signs in Aalborg. *Transportation Research C*, Vol. 4, Issue 3, pp. 131-150.
- 35. Meyer, M.D. (1997). A toolbox for alleviating traffic congestion and enhancing mobility. ITE, Washington D.C.
- 36. Mobility 2020, Congestion Mitigation Strategies. http://www.dfwinfo.com/trans/mtp/previous/mobility2020/congestion.html
- 37. Nagurney, A. (2000) .A multiclass, multicriteria traffic network equilibrium model (2000), *Mathematical and Computer Modeling*, 32, pp.393-411.
- 38. Nagurney, A., and J.Dong (2002). A multiclass, multicriteria traffic network equilibrium model with elastic demand, *Transportation Research B*, Vol. 36,No. 5, 445-469.

- 39. Oh, J., and R. Jayakrishnan. (2000). Temporal control of variable message signs towards achieving dynamic system optimum, Transportation Research Board, Proceedings of the 79<sup>th</sup> Annual Meeting CD-ROM, Washington D.C.
- 40. Paniati, J.F.(2003). Using ITS Technologies and strategies to better manage congestion. ops.fhwa.dot.gov/congsymp/symp0306.htm.
- 41. Peeta, S. (1994). System Optimal Dynamic Traffic Assignment in Congested Networks with Advanced Information Systems. Phd Thesis. University of Texas-Austin
- 42. Peeta, S., and H. S. Mahmassani. (1995). Multiple user classes real time traffic assignment for online operations: A Rolling Horizon Solution Framework, *Transportation Research Part C*, Vol 3, No.2, pp 83-98.
- 43. Peeta, S. and H.S. Mahmassani. (1995). System Optimal and user equilibrium time-dependent traffic assignment in congested networks. *Annals of Operations Research*. Vol. 60, 81-113.
- 44. Peeta, S., Ramos, J. I., and R. Pasupathy. (1999) Content of variable message signs and on-line driver behavior, Transportation Research Board, Proceedings of the 78<sup>th</sup> Annual Meeting CD-ROM, Washington D.C.
- 45. Peeta, S., and S. Gedela. (2001). Real-time variable message signs based route guidance consistent with driver behavior, Transportation Research Board, Proceedings of the 80<sup>th</sup> Annual Meeting CD-ROM, Washington D.C.
- 46. Ran,B. and D.Boyce (1996). *Modeling Dynamic Transportation Networks*. Springer Verlag. Berlin.
- 47. Ran, B., Boyce, D.E. and L.J.LeBlanc (1993). "A New Class of Instantaneous Dynamic User-Optimal Traffic Assignment Models", *Operations Research*, Vol. 41, No. 1, 1993.
- 48. Ran, B., and T.Shimazaki. (1989a). "A General Model and Algorithm for the Dynamic Traffic Assignment Problems", Proceedings of the Fifth World Conference on Transport Research, Yokohoma, Japan.
- 49. Ran, B., and T.Shimazaki. (1989b). "Dynamic User Equilibrium Traffic Assignment for Congested Transportation Networks", presented at the Fifth World Conference on Transport Research, Yokohoma, Japan.
- 50. Sawaya, O. B., Doan, D.L. and A. K. Ziliaskopoulos. (1999). A predictive time based feedback control approach for managing freeway incidents. Proceedings of the 78<sup>th</sup> Annual Meeting CD-ROM, Washington D.C.

- 51. Sheffi, Y. (1985). Urban Transportation Networks: Equilibrium Analysis with Mathematical Programming Methods. Prentice Hall, NJ.
- 52. Thakuriah, P.V., and A. Sen. (1996). Quality of Information given by Advanced Traveler Information Systems. *Transportation Research C*, Vol. 4, Issue 5, pp 249-266.
- 53. Tsavachidis, M. (2000). Aggregate Analysis of Driver Response to Collective route Guidance and Implications for System Control. *Road Transport Information and Control, Pub.* No. 472, IEEE.
- 54. Valdez-Diaz, D.M., Chiu, Y. -C., and H.S.Mahmassani. (2000). Optimal Time-Dependent Variable Message Sign Diversion Strategy. Transportation Research Board 79<sup>th</sup> Annual Meeting, Washington, D.C.
- 55. Van Vuren, T., and Watling, D. (1991). Multiple user class assignment model for route guidance. *Transportation Research Record*, Vol.1306,22-32.
- 56. Wardrop, J.G.(1952). Some Theoretical Aspects of Road Traffic Research. Proceedings, Institute of Civil Engineers II(1), pp 325-378.
- 57. Watling, D., and T. Van Vuren. (1993). The modeling of dynamic route guidance systems. *Transportation Research Part C*, Vol. 1, No.2, pp. 159-182.
- 58. Ziliaskopoulos, A. K. and H. S. Mahmassani. (1994). A time dependent shortest path algorithm for real-time intelligent vehicle/highway systems. *Transportation Research Record*. No.1408 p. 94-104.
- 59. Wang, Y., Papageorgiou, M., and A. Messmer (2003). A Predictive Feedback Routing Control Strategy for Freeway Network Traffic, Transportation Research Board, Proceedings of the 82nd Annual Meeting CD-ROM, Washington D.C.
- 60. Wei, Bin-Wen. (1998). Variable Message Signs. ITS decision report, Partners for Advanced Transit and Highways, PATH.