

7. Bibliografía

- Baaj, M.H., Mahmassani, H.S. (1991). *An AI based approach for transit route system planning and design*. Journal of Advanced Transportation 25 (2), 187–210.
- Baaj, M.H., Mahmassani, H.S. (1995). *Hybrid route generation heuristic algorithm for the design of transit networks*. Transportation Research Part C 3, 31–50.
- Bachelet, B., Yon, L. (2005). *Enhancing theoretical optimization solutions by coupling with simulation*. In: Proceedings of the First OICMS, Clermont-Ferrand, France, pp. 331–342.
- Borndörfer, R., Grötschel, M., Lukac, S., Mitusch, K., Schlechte, T., Schultz, S., Tanner, A. (2005). *An Auctioning Approach to Railway Slot Allocation*. ZIB Technical Report ZR-05-45.
- Bussieck, M.R. (1998). *Optimal lines in public rail transport*. Ph.D. Thesis, TU Braunschweig.
- Cai, X., Goh, C.J. (1994). *A fast heuristic for the train scheduling problem*,. Computers and Operations Research 21 499–510.
- Carey, M., Lockwood, D. (1995). *A model, algorithms and strategy for train pathing*. Journal of the Operational Research Society 46 988–1005.
- Ceder, A. (2003). *Designing Public Transport Network and Routes*. Pergamon Imprint/Elsevier Science Ltd.. pp. 59–91.
- Ceder, A., Israeli, Y. (1998). *User and operator perspectives in transit network design*. Transportation Research Record 1623, 3–7.
- Ceder, A., Wilson, N.H.M. (1986). *Bus network design*. Transportation Research Part B 20, 331–344.
- Chakroborty, P., Deb, K., Porwal, H. (1997). *A genetic algorithm based procedure for optimal transit systems scheduling*. In: Proceedings of the Fifth International Conference on Computers in Urban Planning and Urban Management, Mumbai, India, pp. 330–341.
- Chakroborty, P., Deb, K., Subrahmanyam, P.S. (1995). *Optimal scheduling of urban transit systems using genetic algorithms*. Journal of Transportation Engineering 121 (6), 544–553.
- Chierici A., Cordone R., Maja R. (2004). *The demand-dependent optimization of regular train timetables*. Electronic Notes in Discrete Mathematics, 17, 99-104.
- Daduna, J.R., Voss, S. (1995). *Practical experiences in schedule synchronization*. Lecture Notes in Economics and Mathematical Systems 430, 39–55.

- Delle Site, P.D., Filippi, F. (1998). *Service optimization for bus corridors with short-turn strategies and variable vehicle size*. Transportation Research Part A 32 (1), 19–28.
- Dubois D., Bell G. and Llibre M. (1979). *A set of methods in transportation network synthesis and analysis*. J. Oper. Res. Soc. 30, 797-808.
- Eberlein, X.J., Wilson, N.H.M., Barnhart, C., Bernstein, D. (1998). *The real-time deadheading problem in transit operations control*. Transportation Research Part B 32 (2), 77–100.
- Eberlein, X.J., Wilson, N.H.M., Bernstein, D. (1999). *Modeling real-time control strategies in public transit operations*. In: Computer-Aided Transit Scheduling. In: Wilson, N.H.M. (Ed.), . Lecture Notes in Economics and Mathematical Systems, vol. 471. Springer-Verlag, Heidelberg, pp. 325–346.
- Fu, L., Liu, Q., Calamai, P. (2003). *Real-time optimization model for dynamic scheduling of transit operations*. Transportation Research Record 1857, 48–55.
- Furth, P.G. (1985). *Alternating deadheading in bus route operations*. Transportation Science 19 (1), 13–28.
- Furth, P.G. (1986). *Zonal route design for transit corridors*. Transportation Science 20 (1), 1–12
- Furth, P.G. (1987). *Short turning on transit routes*. Transportation Research Record 1108, 42–52.
- Furth, P.G., Wilson, N.H.M. (1982). *Setting frequencies on bus routes: theory and practice*. Transportation Research Record 818, 1–7.
- Gao, Z., Sun, H., Shan, L. (2003). *A continuous equilibrium network design model and algorithm for transit systems*. Transportation Research Part B 38, 235– 250.
- Guihaire V. Hao J.K. (2008). *Transit Network Design and Scheduling: A Global Review*. Transportation Research A. 42, 1251-1273.
- Han, A.F., Wilson, N. (1982). *The allocation of buses in heavily utilized networks with overlapping routes*. Transportation Research Part B 16, 221–232.
- Hasselström, D. (1979). *A method for optimization of urban bus route networks*. Tech. Rep., Volvo Bus Corporation, Göteborg.
- Hasselström, D. (1981). *Public transportation planning – a mathematical programming approach*. Ph.D. Thesis, University of Göteborg, Sweden.
- Israeli, Y. (1992). *Transit route and scheduling design at the network level*. Doctoral dissertation, Technion Israel Institute of Technology, Haifa, Israel.

- Israeli, Y., Ceder, A. (1989). *Designing transit routes at the network level*. In: Proceedings of the First Vehicle Navigation and Information Systems Conference. IEEE Vehicular Technology Society, pp. 310–316.
- Jovanovic, D., Harker, P.T. (1991), *Tactical scheduling of rail operations: the SCAN I system*. Transportation Science 25 46–64.
- Kocur G. and Hendrickson C. (1982). *Design of local bus service with demand equilibrium*. Transpn. Sci. 16
- Lampkin, W., Saalmans, P.D. (1967). *The design of routes, service frequencies, and schedules for a municipal bus undertaking: a case study*. Operational Research Quarterly 18 (4), 375–397.
- Mesa J.A., Ortega F.A., Pozo M.A. (2009). *Effective Allocation of Fleet Frequencies by Reducing Intermediate Stops and Short Turning in Transit Systems*. Robust and Online Large-Scale Optimization, Lecture Notes in Computer Science, Volume 5868. 293-309.
- Mistry, P., Kwan, R.S.K. (2003). *Generation and optimization of train timetables using coevolution*. Lecture Notes in Computer Science, vol. 2723, Springer,.
- Murray, A.T. (2003). *A coverage model for improving public transit system accessibility and expanding access*. Annals of Operations Research 123, 143–156.
- Nachtigall, K. (1994). *A branch and cut approach for periodic network programming*. Technical Report 29, Hildesheimer Informatik-Berichte, Hildesheim, Germany.
- Newell G. (1979). *Some issues relating to the optimal design of bus routes*. Transportation Science. 13. 20-35
- Odijk, M. (1997). *Railway timetable generation*. Ph.D. thesis, Delft University of Technology, Delft, The Netherlands.
- Pape, U., Reinecke, E., Reinecke, Y. (1992). *Entwurf und implementierung eines linienplanungssystems fr den busverkehr im pnv unter einer objektorientierten grafischen entwicklungsumgebung*. Gruppendiplomarbeit.
- Patz, A. (1925). *Die richtige Auswahl von Verkehrslinien bei großen Straßenbahnenetzten*. Verkehrstechnik 50/51.
- Peeters, L.W.P. (2003). *Cyclic railway timetable optimization*. Ph.D. thesis, Erasmus University Rotterdam, Rotterdam School of Management.
- Quak, C.B., 2003. Bus line planning. Master's Thesis, Delft University of Technology, The Netherlands.
- Rapp, M.H., Gehner, C.D. (1976). *Transfer optimization in an interactive graphic system for transit planning*. Transportation Research Record 619, 27–33.
- Salzborn, F.J.M. (1972). *Optimum bus scheduling*. Transportation Science 6 (2), 137–148.

- Semet, Y., Schoenauer, M. (2005). *An efficient memetic, permutation-based evolutionary algorithm for real-world train timetabling*. Evolutionary Computation 3 2752–2759.
- Serafini, P., Ukovich, W. (1989). *A mathematical model for periodic event scheduling problems*. SIAM Journal on Discrete Mathematics, 2(4):550{581.
- Stern, H.I., Ceder, A. (1983). *An improved lower bound to the minimum fleet size problem*. Transportation Science 17 (4), 471–477.
- Szpigel, B. (1973). *Optimal train scheduling on a single track railway*. In: M. Ross (Ed.), OR'72, North-Holland, Amsterdam, pp. 343–351.
- Tirachini, A. (2007). *Estrategias de asignación de flota en un corredor de transporte público*. MSc Thesis, Universidad de Chile. Available from: <http://www.cybertesis.cl/tesis/uchile/2007/tirachini_ah/html/index-frames.html>, accessed January 2011>.
- Tom, V.M., Mohan, S. (2003). *Transit route network design using frequency coded genetic algorithm*. Journal of Transportation Engineering 129 (2), 186–195.
- Van Nes, R., Hamerslag, R., Immers, B.H. (1988). *Design of public transport networks*. Transportation Research Record 1202, 74–83.
- Voorhoeve, M. (1993). *Rail scheduling with discrete sets*. Technical report, Eindhoven University of Technology, Eindhoven, The Netherlands.
- Wardman, M., Shires, J., Lythgoe, W., Tyler, J. (2004). *Consumer benefits and demand impacts of regular train timetables*. International Journal of Transport Management 2 (1), 39–49.
- Wren, A., Rousseau, J.M. (1993). *Bus driver scheduling – an overview*. In: Daduna, J.R., Branco, I., Paixao, J.M.P. (Eds.), Computer-Aided Transit Scheduling. Springer, Berlin, Germany, pp. 173–187.
- Yan, S., Chen, H.L. (2002). *A scheduling model and a solution algorithm for inter-city bus carriers*. Transportation Research Part A 36, 805–825.