

## Publications

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### Books [in English]

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1. *Intelligent Search*. Habilitation, TH Darmstadt (1993).
2. *Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimization* (Ed.; with S. Martello, I.H. Osman and C. Roucairol). Kluwer, Boston (1999).
3. *Computer Aided Scheduling of Public Transport* (Lecture Notes in Economics and Mathematical Systems 505/Ed.; with J.R. Daduna). Springer, Berlin (2001).
4. *Optimization Software Class Libraries* (Ed.; with D.L. Woodruff). Kluwer, Boston (2002). [DOI: 10.1007/0-306-48126-X\_1]
5. *Introduction to Computational Optimization Models for Production Planning in a Supply Chain* (with D.L. Woodruff). Springer, Berlin (2003). [ISBN: 3-540-00023-2]  
2<sup>nd</sup> Edition, Springer, Berlin (2006). [ISBN: 3-540-29878-9] [DOI: 10.1007/3-540-29879-7]
6. *Computer Aided Systems in Public Transport* (Lecture Notes in Economics and Mathematical Systems 600/Ed.; with M. Hickman and P. Mirchandani). Springer, Berlin (2008). [ISBN: 978-3-540-73311-9]
7. *MATHEURISTICS: Hybridizing Metaheuristics and Mathematical Programming* (Annals of Information Systems 10/Ed., with V. Maniezzo and T. Stützle). Springer, Berlin (2009). [ISBN: 978-1-4419-1305-0]
8. *Metaheuristics: Intelligent Decision Making* (Ed., with M. Caserta). *In preparation*.
9. *Network Optimization* (Lecture Notes in Computer Science 6701/Ed.; with J. Pahl and T. Reiners). Springer, Berlin (2011). [ISBN: 978-3-642-21526-1] [DOI: 10.1007/978-3-642-21527-8]
10. *Computational Logistics* (Lecture Notes in Computer Science 6971/Ed.; with J. Böse, H. Hu, C. Jahn, X. Shi, R. Stahlbock). Springer, Berlin (2011). [ISBN: 978-3-642-24263-2] [DOI: 10.1007/978-3-642-24264-9]
11. *Computational Logistics* (Lecture Notes in Computer Science 7555/Ed.; with H. Hu, X. Shi and R. Stahlbock). Springer, Berlin (2012).
12. *Computational Logistics* (Lecture Notes in Computer Science 8197/Ed.; with D. Pacino and R.M. Jensen). Springer, Berlin (2013).
13. *Hybrid Metaheuristics* (Lecture Notes in Computer Science 8457/Ed.; with M.J. Blesa and C. Blum). Springer, Berlin (2014).
14. *Computational Logistics* (Lecture Notes in Computer Science 8760/Ed.; with R. Gonzalez, F. Schulte and J. Ceroni). Springer, Berlin (2014).
15. *Computational Logistics* (Lecture Notes in Computer Science 9335/Ed.; with F. Corman and R.R. Negenborn). Springer, Berlin (2015).

## Books [in German]

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16. *Steiner-Probleme in Graphen*. Hain, Frankfurt (1990). [Steiner Problems in Graphs]
17. *Produktionsplanung - Ablauforganisatorische Aspekte* (with W. Domschke and A. Scholl). Springer, Berlin (1993). [Production Planning]  
2<sup>nd</sup> Edition, Springer, Berlin (1997). [ISBN: 3-540-63560-2]
18. *Übungsbuch Operations Research* (with W. Domschke, A. Drexl, B. Schildt and A. Scholl). Springer, Berlin (1995). [Exercises in Operations Research]  
2<sup>nd</sup> Edition, Springer, Berlin (1997).  
*Übungen und Fallbeispiele zum Operations Research* (with W. Domschke, A. Drexl, R. Klein and A. Scholl). 3<sup>rd</sup> Edition, Springer, Berlin (2000). [Exercises and Case Studies in Operations Research]  
4<sup>th</sup> Edition, Springer, Berlin (2002).  
5<sup>th</sup> Edition, Springer, Berlin (2005). [ISBN: 3-540-23936-7] [DOI 10.1007/b138639]  
6<sup>th</sup> Edition, Springer, Berlin (2007). [ISBN: 978-3-540-71664-8]  
7<sup>th</sup> Edition, Springer, Berlin (2011). [ISBN: 978-3-642-21075-4]  
8<sup>th</sup> Edition, Springer, Berlin (2015). In print.
19. *Informationsmanagement im Verkehr* (Ed.; with J.R. Daduna). Physica, Heidelberg (2000). [Information Management in Traffic and Transportation] [ISBN 978-3-7908-1310-4] [DOI 10.1007/978-3-642-57682-9]
20. *Informationsmanagement* (with K. Gutenschwager). Springer, Berlin (2001). [Information Management] [ISBN: 3-540-67807-7]
21. *Grundlagen der Wirtschaftsinformatik* (with A. Fink and G. Schneidereit). Physica, Heidelberg (2001). [Introduction to Information Systems]  
2<sup>nd</sup> Edition, Springer, Berlin (2005). [ISBN: 3-7908-0189-5]
22. *E-Learning in Wirtschaftsinformatik und Operations Research* (Ed.; with L. Suhl). DSOR Lab/BoD, Paderborn (2003). [E-Learning in Information Systems and Operations Research]
23. *Logistik Management – Prozesse, Systeme, Ausbildung* (Ed.; with T. Spengler and H. Kopfer). Physica, Heidelberg (2004). [Logistics Management – partly in German and partly in English]
24. *Quantitative Methoden in ERP und SCM* (Ed.; with L. Suhl). DSOR Lab/BoD, Paderborn (2004). [Quantitative Methods in Enterprise Resource Planning and Supply Chain Management] [ISBN: 3-8334-0848-0]
25. *Informations- und Kommunikationssysteme in Supply Chain Management, Logistik und Transport* (Ed.; with D. Mattfeld, H.-O. Günther and L. Suhl). DSOR Lab/BoD, Paderborn (2008). [Information and Communication Systems in Supply Chain Management, Logistics and Transport] [ISBN: 978-3-8334-8931-0]
26. *Logistik Management – Systeme, Methoden, Integration* (Ed.; with J. Pahl and S. Schwarze). Physica, Heidelberg (2009). [Logistics Management – partly in German and partly in English] [ISBN: 978-3-7908-2361-5]
27. *Wirtschaftsinformatik, Entscheidungstheorie und -praxis* (Ed.; with M.J. Geiger and J. Geldermann). Shaker, Aachen (2012). [Information Systems, Decision Theory and Practice] [ISBN: 978-3-8440-1000-8]

## Manuscripts [in German]

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The following manuscripts and related teaching material are available in updated versions:

28. *Projektmanagement*.
29. *Diskrete ereignisorientierte Simulation - Grundlagen und Fallstudien* (with S. Spieckermann).

## Papers in Journals and Compilations

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30. Add- and drop-procedures for the travelling purchaser problem. *Methods of Operations Research* 53 (1986), 317 - 318.
31. On a generalized Steiner problem with 2-edge-connectivity (with K.D. Mehr). *Methods of Operations Research* 57 (1987), 161 - 172.
32. A reduction based algorithm for the Steiner problem in graphs. *Methods of Operations Research* 58 (1989), 239 - 252.
33. On a degree constrained Steiner problem in graphs. In: D. Pressmar, K.E. Jäger, H. Krallmann, H. Schellhaas and L. Streitferdt (eds.), *Operations Research Proceedings 1988*, Springer, Berlin (1989), 212. [DOI 10.1007/978-3-642-74862-2\_58]
34. Steiner's problem in graphs: heuristic methods. *Methods of Operations Research* 60 (1990), 259 - 262.
35. Designing special communication networks with the traveling purchaser problem. In: *First ORSA SIG Conference Operations Research in Telecommunications*, Boca Raton, Florida (1990), 106 - 110.
36. A survey on some generalizations of Steiner's problem. In: B. Papatthanassiu and K. Giatas (eds.), *1st Balkan Conference on Operational Research Proceedings*, Hellenic Productivity Center, Thessaloniki (1990), 41 - 51.
37. Ansätze zur strategischen Standort- und Produktionsplanung - ein Anwendungsbeispiel (with W. Domschke; in German). In: K.-P. Kistner, J.H. Ahrens, G. Feichtinger, J. Minnemann and L. Streitferdt (eds.), *Operations Research Proceedings 1989*, Springer, Berlin (1990), 87 - 94.
38. Optimierungsmöglichkeiten innerbetrieblicher Transportvorgänge - Anwendungsbeispiel bei einer Luftfahrtgesellschaft (with G. Carl; in German). *OR Spektrum* 12 (1990), 227 - 237.
39. Anwendungen des Rundreiseproblems in der Ablauforganisation (with C. Maas; in German). *Mitteilungen der Mathematischen Gesellschaft in Hamburg* 12 (1991), 723 - 740.
40. Rectilinear arborescences problem in building design. *Zeitschrift für angewandte Mathematik und Mechanik* 71 (1991), T707 - T710.
41. On the cancellation sequence method of tabu search (with F. Dammeyer and P. Forst). *ORSA Journal on Computing* 3 (1991), 262 - 265.
42. Modelle und Verfahren der Losgrößen- und Bestellmengenplanung - Ein Überblick (with W. Domschke and A. Scholl; in German). In: W. Gaul, A. Bachem, W. Hane, W. Runge and W.W. Stahl (eds.), *Operations Research Proceedings 1991*, Springer, Berlin (1992), 263 - 270. [DOI 10.1007/978-3-642-46773-8\_68]
43. Problems with generalized Steiner problems. *Algorithmica* 7 (1992), 333 - 335.
44. Network design formulations in schedule synchronization. In: M. Desrochers and J.-M. Rousseau (eds.), *Computer-Aided Transit Scheduling*, Lecture Notes in Economics and Mathematical Systems 386, Springer, Berlin (1992), 137 - 152. [DOI 10.1007/978-3-642-85968-7\_10]

45. Tabu search techniques for the quadratic semi-assignment problem (with W. Domschke and P. Forst). In: G. Fandel, T. Gullledge and A. Jones (eds.), *New Directions for Operations Research in Manufacturing*, Springer, Berlin (1992), 389 - 405. [DOI 10.1007/978-3-642-77537-6\_23]
46. Steiner's problem in graphs: heuristic methods. *Discrete Applied Mathematics* 40 (1992), 45 - 72.
47. Wertversorgung bei einer Luftfahrtgesellschaft - zur Entwicklung eines DV-gestützten Planungssystems (with G. Carl; in German). In: W. Gaul, A. Bachem, W. Habenicht and W.W. Stahl (eds.), *Operations Research Proceedings 1991*, Springer, Berlin (1992), 69 - 76. [DOI 10.1007/978-3-642-46773-8\_10]
48. Transportkostenminimierung versus Servicegradmaximierung im Rahmen einer computer-gestützten Tourenplanung (with C. Breitenbach and G. Carl; in German). *Zeitschrift für Planung* 4 (1993), 363 - 380.
49. The two-stage hybrid-flowshop scheduling problem with sequence-dependent setup times. In: G. Fandel, T. Gullledge and A. Jones (eds.), *Operations Research in Production Planning and Control*, Springer, Berlin (1993), 336 - 352.
50. Dynamic tabu list management using the reverse elimination method (with F. Dammeyer). *Annals of Operations Research* 41 (1993), 31 - 46.
51. Heuristic methods for the rectilinear Steiner arborescence problem (with C. Duin). *Engineering Optimization* 21 (1993), 121 - 145.
52. Tabu search: applications and prospects. In: D.-Z. Du and P.M. Pardalos (eds.), *Network Optimization Problems: Algorithms, Applications and Complexity*, World Scientific, Singapore (1993), 333 - 353.
53. Concepts for parallel tabu search. In: *Symposium on Applied Mathematical Programming and Modeling APMOD93*, Budapest (1993), 595 - 604.
54. Routing of straddle carriers at a container terminal with the special aspect of internal moves (with D. Steenken, A. Henning and S. Freigang). *OR Spektrum* 15 (1993), 167 - 172.
55. Worst case performance of some heuristics for Steiner's problem in directed graphs. *Information Processing Letters* 48 (1993), 99 - 105.
56. Tabu search in manufacturing. In: H. Dyckhoff, U. Derigs, M. Salomon and H.C. Tijms (eds.), *Operations Research Proceedings 1993*, Springer, Berlin (1994), 183 - 194.
57. Steiner tree heuristics - a survey (with C. Duin). In: H. Dyckhoff, U. Derigs, M. Salomon and H.C. Tijms (eds.), *Operations Research Proceedings 1993*, Springer, Berlin (1994), 485 - 496.
58. Some experiences on solving multiconstraint zero-one knapsack problems with genetic algorithms (with J. Thiel). *INFOR* 32 (1994), 226 - 242.
59. Verfahren zur Abstimmung von Einprodukt-Fließbändern (with W. Domschke and A. Scholl; in German). *WiSt Wirtschaftswissenschaftliches Studium* 23 (1994), 106 - 111.
60. FABLE - Ein effizientes Verfahren zur Abstimmung von Einprodukt-Fließbändern (with W. Domschke and A. Scholl; in German). *WiSt Wirtschaftswissenschaftliches Studium* 23 (1994), 147 - 150.
61. Liegeplatzdisposition auf einem Containerterminal - Ansätze zur Entwicklung eines entscheidungsunterstützenden Systems (with L. Hoffarth; in German). In: H. Dyckhoff, U. Derigs, M. Salomon and H.C. Tijms (eds.), *Operations Research Proceedings 1993*, Springer, Berlin (1994), 89 - 95. [DOI 10.1007/978-3-642-78910-6\_28]
62. Effiziente Leistungserstellung in Verkehrsbetrieben als Wettbewerbsinstrument (with J.R. Daduna; in German). *Zeitschrift für Planung* 5 (1994), 227 - 252.
63. Kundenorientierte Informationsgestaltung im öffentlichen Personenverkehr (with J.R. Daduna). In: W. König (ed.), *Wirtschaftsinformatik '95*, Physica, Heidelberg (1995), 357 - 370.

64. Kapazitätsorientierte Leistungsabstimmung in der Fließfertigung (with A. Scholl; in German). *ZfbF Zeitschrift für betriebswirtschaftliche Forschung* 47 (1995), 919 - 935.
65. A classification of formulations for the (time-dependent) traveling salesman problem (with L. Gouveia). *European Journal of Operational Research* 83 (1995), 69 - 82.
66. Practical experiences in schedule synchronization (with J.R. Daduna). In: J.R. Daduna, I. Branco and J.M.P. Paixao (eds.), *Computer-Aided Transit Scheduling*, Lecture Notes in Economics and Mathematical Systems 430, Springer, Berlin (1995), 39 - 55. [DOI 10.1007/978-3-642-57762-8\_4]
67. Solving quadratic assignment problems using the reverse elimination method. In: S.G. Nash and A. Sofer (eds.), *The Impact of Emerging Technologies on Computer Science and Operations Research*, Kluwer, Dordrecht (1995), 281 - 296.
68. Strategies with memories: local search in an application oriented environment (with E. Pesch). *OR Spektrum* 17 (1995), 55 - 66.
69. A case study in empty railcar distribution (with S. Spieckermann). *European Journal of Operational Research* 87 (1995), 586 - 598.
70. Dynamic tabu search strategies for the traveling purchaser problem. *Annals of Operations Research* 63 (1996), 253 - 275.
71. A reverse elimination approach for the p-median problem. *Studies in Locational Analysis* 8 (1996), 49 - 58.
72. A star-shaped diversification approach in tabu search (with L. Sondergeld). In: I.H. Osman and J.P. Kelly (eds.), *Meta-Heuristics: Theory & Applications*, Kluwer, Boston (1996), 489 - 502.
73. Efficient technologies for passenger information systems in public mass transit (with J.R. Daduna). In: H.P. Pirkul and M.J. Shaw (eds.), *Proceedings of the First INFORMS Conference on Information Systems and Technology*, INFORMS, Washington (1996), 386 - 391.
74. Observing logical interdependencies in tabu search - methods and results. In: V.J. Rayward-Smith, I.H. Osman, C.R. Reeves and G.D. Smith (eds.), *Modern Heuristic Search Methods*, Wiley, Chichester (1996), 41 - 59.
75. Capacitated minimum spanning trees: Algorithms using intelligent search (with A. Amberg and W. Domschke). *Combinatorial Optimization: Theory and Practice* 1 (1996), 9 - 39.
76. Paint shop simulation in the automotive industry (with S. Spieckermann). *ASIM Mitteilungen* 54 (1996), 367 - 380.
77. Steiner tree heuristics - some new results. *Studies in Locational Analysis* 9 (1996), 137 - 140.
78. Simple assembly line balancing - heuristic approaches (with A. Scholl). *Journal of Heuristics* 2 (1996), 217 - 244.
79. Optimization by strategically solving feasibility problems using tabu search. In: *Modern Heuristics for Decision Support Proceedings*, Unicom, Uxbridge (1997), 29 - 47.
80. Efficient path and vertex exchange in Steiner tree algorithms (with C. Duin). *Networks* 29 (1997), 89 - 105.
81. Praxisorientierte Klassifikationsmerkmale für ereignisorientierte Simulationswerkzeuge (with S. Spieckermann and D. Wortmann; in German). *Zeitschrift für Planung* 8 (1997), 81 - 97.
82. Optimierung mit dem Ameisen-System (with L. Sondergeld; in German). *WiSt Wirtschaftswissenschaftliches Studium* 26 (1997), 568 - 573.
83. Verkehrsmittelwahl im Freizeitverkehr (with J. Böse and A. Fay; in German). In: VDI (eds.), *Gesamtverkehrsforum 1998*, VDI Verlag, Düsseldorf (1998), 13 - 33.
84. Informationsdistribution über Netzdienste am Beispiel des Öffentlichen Personenverkehrs (with G. Schneiderreit and J.R. Daduna; in German). In: VDI (eds.), *Gesamtverkehrsforum 1998*, VDI Verlag, Düsseldorf (1998), 217 - 235.

85. Mobilkommunikationseinsatz im Rahmen des Informationsmanagements für logistische Dienstleister (with G. Schneidereit; in German). In: P. Kischka, H.-W. Lorenz, U. Derigs, W. Domschke, P. Kleinschmidt and R. Möhring (eds.), *Operations Research Proceedings 1997*, Springer, Berlin (1998), 563 - 568.
86. Software-Wiederverwendung mittels Frameworks (with A. Fink; in German). *WiSt Wirtschaftswissenschaftliches Studium* 27 (1998), 535 - 538.
87. HOTFRAME - Heuristische Lösung diskreter Planungsprobleme mittels wiederverwendbarer Software-Komponenten (with A. Fink; in German). *OR News* 4 (1998), 18 - 24.
88. Berechenbarkeits- und Komplexitätstheorie (with A. Fink; in German). *WISU – Das Wirtschaftstudium* 27 (1998), 1322 - 1327.
89. Using surrogate constraints in genetic algorithms for solving multidimensional knapsack problems (with C. Haul). In: D.L. Woodruff (ed.), *Advances in Computational and Stochastic Optimization, Logic Programming, and Heuristic Search*, Kluwer, Boston (1998), 235 - 251.
90. Assembly Manager (with A. Fink). *OR Spektrum* 20 (1998), 143 - 145.
91. A chunking based genetic algorithm for the Steiner tree problem in graphs (with K. Gutenschwager). In: P.M. Pardalos and D. Du (eds.), *Network Design: Connectivity and Facilities Location*, DIMACS Series in Discrete Mathematics and Theoretical Computer Science 40, AMS, Providence (1998), 335-355.
92. Order sequencing in an automated warehouse system (with K. Gutenschwager and S. Spieckermann). In: L. McGinnis and S. Reveliotis (eds.), *IE Research '98 Conference Proceedings*, IIE, Norcross (1998), 1-C: 1-10.
93. Generic application of tabu search methods to manufacturing problems (with A. Fink). In: *Proceedings of the IEEE International Conference on Systems, Man & Cybernetics (SMC 98)*, IEEE, Piscataway (1998), 2385-2390.
94. Cooperative intelligent search using adaptive memory techniques (with L. Sondergeld). In: S. Voß, S. Martello, I.H. Osman and C. Roucairol (eds.), *Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimization*. Kluwer, Boston (1999), 297-312.
95. Applications of modern heuristic search methods to pattern sequencing problems (with A. Fink). *Computers & Operations Research* 26 (1999), 17-34.
96. Building reusable software components for heuristic search (with A. Fink and D.L. Woodruff). In: P. Kall and H.-J. Lüthi (eds.), *Operations Research Proceedings 1998*. Springer, Berlin (1999), 210-219.
97. The Steiner tree problem with hop constraints. *Annals of Operations Research* 86 (1999), 321-345.
98. An adoption path for intelligent heuristic search componentware (with A. Fink and D.L. Woodruff). In: E. Rolland and N. Umanath (eds.), *Proceedings of the 4<sup>th</sup> INFORMS Conference on Information Systems and Technology*, INFORMS, Linthicum (1999), 153 - 168.
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100. Application of tabu search in an online sequencing problem: A case study of an intermodal station (with J. Böse and K. Gutenschwager). In: C.C. Ribeiro (ed.) *Proceedings of the Third Metaheuristics International Conference MIC '99*, Universidade Catolica do Rio de Janeiro, Angra dos Reis (1999), 91 - 95.
101. Effects of candidate list strategies and neighbourhood depth variations on the effectiveness and efficiency of meta-heuristics (with A. Fink). In: C.C. Ribeiro (ed.) *Proceedings of the Third Metaheuristics International Conference MIC '99*, Universidade Catolica do Rio de Janeiro, Angra dos Reis (1999), 207 - 211.

102. A blackboard architecture to combine meta-heuristics for maximum likelihood clustering (with T. Reiners and D.L. Woodruff). In: C.C. Ribeiro (ed.) *Proceedings of the Third Metaheuristics International Conference MIC '99*, Universidade Catolica do Rio de Janeiro, Angra dos Reis (1999), 387 - 391.
103. Generic metaheuristics application to industrial engineering problems (with A. Fink). *Computers & Industrial Engineering* 37 (1999), 281 - 284.
104. The pilot method (with C. Duin). *Networks* 34 (1999), 181 - 191.
105. Stand und Perspektiven diskreter, ereignisorientierter Simulation in Produktion und Logistik (with K. Gutenschwager and S. Spieckermann; in German). *Carolo-Wilhelmina* 34 (1999), Schwerpunktheft Informatik, 112 - 116.
106. Informationslogistik als integraler Bestandteil des Informationsmanagements in der Verkehrswirtschaft (with W. Domschke; in German). In: P. Faller (ed.) *Transportwirtschaft im Umbruch*, Linde, Wien (1999), 329 - 340.
107. Finanzdienstleistungen, Zahlungsverkehr und Electronic Commerce im Internet mittels SmartCards (with K. Buchholz-Stepputtis; in German). In: H. Hesse and B. Rebe (eds.) *Vision und Verantwortung*, Olms, Hildesheim (1999), 445 - 463.
108. Information als betriebliche Ressource (in German). *Carolo-Wilhelmina* 35,1 (2000), 32 - 34.
109. Qualitätssicherung lagerlogistischer Steuerungssoftware durch Simulation (with K. Gutenschwager, K.-A. Fauth and S. Spieckermann; in German). *Informatik Spektrum* 23 (2000), 26 - 37.
110. Meta-Heuristiken und ihre Weiterentwicklung zur Lösung kombinatorischer Optimierungsprobleme (with C. Fiedler and P. Greistorfer; in German). *WISU – Das Wirtschaftsstudium* 29 (2000), 552 - 566.
111. Open Space-Technologie als Methode der Organisationsentwicklung (with K. Gutenschwager and S. Schönrock; in German). *zfo Zeitschrift Führung und Organisation* 69 (2000), 192 - 198.
112. Innovationsentscheidungen bei logistischen Dienstleistern - Praktische Erfahrungen in der Seeverkehrswirtschaft (with J. Böse; in German). In: W. Dangelmaier and W. Felser (eds.) *Das reagible Unternehmen*, HNI, Paderborn (2000), 253 - 282.
113. Informationsmanagement im Kombinierten Verkehr (with J. Böse; in German). In: J.R. Daduna and S. Voß (eds.) *Informationsmanagement im Verkehr*, Physica, Heidelberg (2000), 269 - 322.
114. Modern heuristic search methods for the Steiner tree problem in graphs. In: D.-Z. Du, J.M. Smith and J.H. Rubinstein (eds.) *Advances in Steiner Trees*, Kluwer, Boston (2000), 283 - 323.
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116. Vehicle dispatching at seaport container terminals using evolutionary algorithms (with J. Böse, T. Reiners and D. Steenken). In: R.H. Sprague (ed.) *Proceedings of the 33<sup>rd</sup> Annual Hawaii International Conference on System Sciences*, IEEE, Piscataway (2000), DTM-IT: 1 - 10.
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119. Heuristics for nonlinear assignment problems. In: P.M. Pardalos and L. Pitsoulis (eds.) *Nonlinear Assignment Problems*, Kluwer, Boston (2000), 175 - 215.
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121. Efficient meta-heuristics approaches for ring load balancing (with A. Fink). In: *Proceedings of the 9<sup>th</sup> International Conference on Telecommunication Systems*, Southern Methodist University, Dallas (2001), 243 - 250.
122. Meta-heuristics in online optimization: A new solution approach for an online pickup and delivery problem (with K. Gutenschwager and C. Niklaus). In: K.T. Yeo and S. Pokharel (eds.) *Proceedings of the First International Conference on Integrated Logistics*, Nanyang Technological University, Singapore (2001), 161 - 168.
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<sup>13</sup> *Networks* 2014 Impact Factor 0.83.

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