

Curriculum Vitae

ALBERT PETER MARIE WAGELMANS

Date of birth: November 19, 1960

Place of birth: Rotterdam, the Netherlands

Nationality: Dutch

Marital status: married to Kerry M. Malone

Children: Rory and Kyran Malone



Address information

Econometric Institute

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Education

- 1990: PhD degree, Erasmus University Rotterdam, Rotterdam, The Netherlands
- 1990: Diploma, European Doctoral Program in Quantitative Methods in Management
- 1985: Master's degree (*doctoraal examen*) in Econometrics (specialization in Operations Research), Erasmus School of Economics

Professional experience (at Erasmus School of Economics, unless stated otherwise)

- 2006-present: Director of the Econometric Institute
- 2005-present: Professor of Management Science
- 2001-2005: Professor of Operations Research, special chair on Applications in Transportation and Logistics
- 2001-2006: Director of the Bachelor-Master Program in Econometrics & Management Science; since 2005 also director of the Bachelor-Master Program in Informatics & Economics
- 2000-2001: Associate Professor of Operations Research
- 1999-2003: Associate Director of the Erasmus Research Institute of Management (ERIM)
- 1999-2002: Director of the Rotterdam Institute for Business Economic Studies (RIBES)
- 1986-2000: Assistant Professor of Operations Research
- 1990-1991: Visiting Researcher, Operations Research Center, Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, USA
- 1989 (6 months): Visiting Researcher, Center for Operations Research and Econometrics, Université Catholique de Louvain, Louvain-la-Neuve, Belgium
- 1987-1988: Instructor, Rochester-Erasmus MBA-Executive Development Program
- 1985 (2 months): Consultant, ORTEC Consultants, Rotterdam, the Netherlands
- 1982-1985: Teaching Assistant, Departments of Mathematics and Operations Research

Honors and awards

- One of the 200 Dutch scientists selected for *Cream of Science*, 2005
- PhD student Wilco van den Heuvel awarded the Chorafas Prize 2005
- High Performance Researcher, ERIM, 2002, 2003, 2004 and 2005
- "Top Researcher", Erasmus School of Economics, 2002, 2003, 2004 and 2005
- PhD student Dennis Huisman finalist in the INFORMS Transportation Science and Logistics Section Dissertation Prize Competition 2004
- Ranked third among researchers in the area of Operations Research/Management Science, Top-40 of Dutch Economists 2004 (position 5 among the faculty of the Erasmus School of Economics, position 23 in the overall ranking)
- Ranked fifth among researchers in the area of Operations Research/Management Science, Top-40 of Dutch Economists 2003 (position 4 among the faculty of the Erasmus School of Economics, position 28 in the overall ranking)

- PhD student Dennis Huisman co-recipient of the first prize in the student research paper contest on Management Science in Railroad Applications 2002
- Member of ERIM, 1999-present; fellow of ERIM, 2006-present
- Research Fellow of The Tinbergen Institute, the Netherlands Research Institute and Graduate School of Economics, 1999-present
- Member of the Dutch Network on the Mathematics of Operations Research, 2001-present
- Awarded the Research Prize, Trust Fund Erasmus University Rotterdam, 1991
- Awarded one-year fellowship for post-doctoral research in a foreign country, Netherlands Organization for Scientific Research (NWO); spent at MIT, 1990/91
- Paper "On the complexity of postoptimality analysis of 0/1 programs", (co-authored by Stan van Hoesel, originally published in *Discrete Applied Mathematics* 91) selected for inclusion in *Discrete Applied Mathematics, Editors' Choice, Edition 1999*
- Third place, Most Popular Professor, *Lustrum Almanak 1996-2001, Econometrisch Dispuut*, 2000
- Inclusion in *Who's Who in the World*, 18th Edition, 2001
- Inclusion in *Who's Who in Science and Engineering*, 7th Edition, 2003

University service (at Erasmus School of Economics, unless stated otherwise)

- Chairman, Supervision Committee Honors Program, Erasmus University Rotterdam, 2006-present
- Coordinator, research program "Operations Research", 2006-present
- Member, Academic Advisory Board International Bachelor in Economics and Business Economics, 2006-present
- Member, Committee on Quality Assurance, Erasmus University Rotterdam, 2005-2006
- Member, Committee on Appointments and Promotions, 2005-present
- Member, Steering Group for the Celebration of the 50th Anniversary of the Econometric Institute, 2005-2006
- Coordinator of the Integrity Code, 2003-2005
- Member, Management Team of the Econometric Institute, 2003-present
- Member, Board of the Foundation for financial support of Econometrics students, 2003-present
- Member, Standing Committee for the Practice of Science, 2000-present
- Member, Supervisory and Evaluation Committee of the Dual Econometrics & Management Science program, 1999-2001

- Representative, Academic Council of the European Institute for Advanced Studies in Management, 1999-2001
- Member, Recommendation Committee of the Study Project, the Econometric Game, the National Day for Econometrics Students, Comedy Experience and other activities organized by the *Econometrisch Dispuut* and other associations of Econometrics students, 1999-present
- Executive secretary, Board of the Econometric Institute, 1998-1999
- Co-coordinator, research program “Operations Research and Decision Analysis”, 1996-2005
- Coordinator, research program “The Design and Analysis of Optimization Algorithms”, 1987-1996
- Member, PhD Committee of G. Maroti (2005, small committee, Eindhoven University of Technology), Eric Porras Musalem (2005, small committee), C.A. Boer (2005, small committee), M.J.C.M. Vromans (2005, small committee, Erasmus School of Management), K. Pak (2005, small committee), T. Le Anh (2005, Erasmus School of Management), J.W. Goossens (2004, small committee, Maastricht University), N. Brahimi (2004, small committee, Université de Nantes), O. Listes (2003, small committee), A.G. de Waal (2003, small committee), L. Peeters (2003, small committee, Erasmus School of Management), I. Vis (2002, Erasmus School of Management), E. Bazsa (2002, small committee), D. Romero Morales (2000, small committee, Erasmus School of Management), A. van Vliet (1995)
- Co-editor, Self Evaluation Report Econometrics Program, 1995
- Executive secretary, Econometrics Program Committee, 1995-1997
- Member, Econometrics Program Committee, 1986-1987, 1992-1994
- Member, Public Relations Committee, 1995-1998; presenter “Master Class in Econometrics”, 1995, 1996, 1998, 2001
- Executive secretary, Department of Operations Research, 1987-1988
- Member, several faculty search committees, 1987-present

Professional service

- Member, Editorial Advisory Board, *Computers & Operations Research*, 2005-present
- Member, Editorial Board, *International Journal of Inventory Research*, 2005-present
- Associate Editor, *Naval Research Logistics*, 2003-present
- Associate Editor, *Statistica Neerlandica*, 2001-present
- Member, Research Master Committee, Dutch Network on the Mathematics of Operations Research (LNMB), 2002-2003

- Member, Board of the Netherlands Organization for Business Economics and Management, 2001-2003
- Member, Board of the National Network on Business Economics, 1999-2000
- Member, Organizing Committee, Conference on Optimization in Public Transport, Rotterdam, the Netherlands, 2002
- Treasurer, Organizing Committee , International Summer School on Combinatorial Optimization, Maastricht, the Netherlands, 1993
- Submission reviewer INCOM2006 (12th IFAC Symposium on Information Control Problems in Manufacturing), 2006
- Submission reviewer, FCT-2003 (14th International Symposium on Fundamentals of Computation Theory), 2003
- Submission reviewer, IPCO '99 (Seventh Conference on Integer Programming and Combinatorial Optimization), 1999
- Proposal reviewer, Austrian Science Fund
- Proposal reviewer, National Science Foundation
- Proposal reviewer, Netherlands Organization for Scientific Research (NWO)
- Referee,
 - Annals of Operations Research, Bulletin of the Institute of Combinatorics and its Applications, Computational Optimization and Applications, Constraints, Control and Cybernetics, Discrete Applied Mathematics, European Journal of Operational Research, IIE Transactions, INFORMS Journal on Computing, Interfaces, International Journal of Operations and Quantitative Management, International Journal of Physical Distribution and Logistics Management, International Journal of Production Economics, International Journal of Production Research, International Transactions in Operational Research, Journal of Combinatorial Optimization, Journal of Food Engineering, Journal of Global Optimization, Journal of Heuristics, Journal of Manufacturing and Operations Management, Journal of Scheduling, Management Science, Manufacturing & Service Operations Management , Mathematical Programming, Mathematics of Operations Research, Multi-Criteria Decision Analysis, Naval Research Logistics, Networks, Omega, Operations Research, Operations Research Letters, Opsearch, Optimization, Optimization and Engineering, Optimization Methods and Software, SIAM Journal on Discrete Mathematics, Tinbergen Institute PhD Research Bulletin, Transportation Science*
- (Book) reviewer,
 - Journal of the Operational Research Society, Kwantitatieve Methoden, Mathematical Reviews, Mededelingen van het Wiskundig Genootschap, Nieuw Archief voor Wiskunde*

Courses taught

- ERIM Honours Course
- Mathematics for Economists
- Quantitative methods for location, distribution and transportation
- Advanced mathematical programming
- Combinatorial optimization
- Fundamental algorithms and data structures
- Deterministic production planning
- Operations research models for logistics management
- Case studies on railway disruption management, movie scheduling, cutting stock problems, vehicle routing, vehicle and crew scheduling in public transport, crew rostering and workforce allocation, asset liability management, option pricing, transportation and distribution network design, aircraft scheduling, aircraft loading
- Advanced quantitative techniques for logistics planning (PhD course)
- Marketing models (reading group)
- Stochastic programming (reading group)

Thesis supervision (undergraduate students)

- More than 55 students since 1987. See the appendix for a list of names and thesis titles

Other teaching related activities

- Supervision of student project, New York, NY, and Chicago, IL, United States of America (16 days), 1999
- Supervision of student project "Opportunities in an Emerging Economy", Lima, Peru (2 weeks), 1997
- Supervision of student trip to Brussels, Belgium, and Paris, France (2 weeks), 1987

Supervision of PhD students

- Daniel Potthoff, *Robust Planning and Rescheduling in Public Transport* (expected graduation 2009)
- Wilco van den Heuvel, *Design of Advanced Optimization Methods for Production and Supply Chain Planning* (expected graduation 2006)

- Dennis Huisman, *Integrated and Dynamic Vehicle and Crew Scheduling*, Thela Thesis Publishers, Amsterdam (2004), 163 pages
- Patrick Meersmans, *Optimization of Container Handling*, Thela Thesis Publishers, Amsterdam (2002), 160 pages (co-promotor)
- Richard Freling, *Models and Techniques for Integrating Vehicle and Crew Scheduling*, Thesis Publishers, Amsterdam (1997), 151 pages (co-promotor)
- André van Vliet, *Lower and Upper Bounds for On-Line Bin Packing and Scheduling Heuristics*, Thesis Publishers, Amsterdam (1995), 144 pages (advisor)

Additional supervision

- Alexander Poot, *Development of Practical Methods for Complex Vehicle Routing Problems* (joint project with ORTEC Consultants BV, Gouda; 1998-1999)

Memberships of professional associations

- Institute for Operations Research and the Management Sciences (INFORMS)
- Netherlands Society for Operations Research (*Nederlands Genootschap voor Besliskunde*)
- Operational Research Society
- Dutch Mathematical Society (*Wiskundig Genootschap*)

Memberships of research institutes

- Econometric Institute
- Erasmus Center for Optimization in Public Transport (ECOPT); founding member
- Erasmus Global Supply Chain Center
- Erasmus Research Institute of Management (ERIM)
- Tinbergen Institute; research fellow

Published articles in refereed journals and books

- W. van den Heuvel and A.P.M. Wagelmans, "An Efficient Dynamic Programming Algorithm for a Special Case of the Capacitated Lot-Sizing Problem", *Computers & Operations Research* 33 (2006), 3583-3599
- D. Huisman and A.P.M. Wagelmans, "A Solution Approach for Dynamic Vehicle and Crew Scheduling", *European Journal of Operational Research* 172 (2006), 453-471

- W. van den Heuvel and A.P.M. Wagelmans, "A Polynomial Time Algorithm for a Deterministic Joint Pricing and Inventory Model", *European Journal of Operational Research* 170 (2006), 463-480
- A. P.M. Wagelmans. "The Rotterdam Program in Econometrics & Management Science", *Statistica Neerlandica* 60 (2006), 112-123
- H.K. van Dijk, J.F. Kaashoek and A.P.M. Wagelmans, "Rotterdam Econometrics: An Analysis of Publications of the Econometric Institute 1956-2004", *Statistica Neerlandica* 60 (2006), 85-111
- S. van Hoesel, H. E. Romeijn, D. Romero Morales and A.P.M. Wagelmans, "Integrated Lot-Sizing in Serial Supply Chains with Production Capacities", *Management Science* (2005), 51, 1706-1719
- D. Huisman, R. Freling and A.P.M. Wagelmans, "Multiple-Depot Integrated Vehicle and Crew Scheduling", *Transportation Science* 39 (2005), 491-502
- W. van den Heuvel and A.P.M. Wagelmans, "A Comparison of Methods for Lot-Sizing in a Rolling Horizon Environment", *Operations Research Letters* 33 (2005), 486-496
- D. Huisman, R. Jans, M. Peeters and A.P.M. Wagelmans, "Combining Column Generation and Lagrangian Relaxation", in G. Desaulniers, J. Desrosiers and M.M. Solomon (eds.), *Column Generation*, Springer, New York (2005), pp. 247-270
- D. Huisman, R. Freling and A.P.M. Wagelmans, "A Robust Solution Approach to the Dynamic Vehicle Scheduling Problem", *Transportation Science* 38 (2004), 447-458
- R. Freling, R.M. Lentink and A.P.M. Wagelmans, "A Decision Support System for Crew Planning in Passenger Transportation Using a Flexible Branch-and-Price Algorithm" *Annals of Operations Research* 127 (2004), 203-222
- R. Freling, H.E. Romeijn, D. Romero Morales and A.P.M. Wagelmans, "A Branch and Price Algorithm for the Multi-Period Single-Sourcing Problem", *Operations Research* 51 (2003), 922-939
- R. Freling, D.Huisman and A.P.M. Wagelmans, "Models and Algorithms for Integration of Vehicle and Crew Scheduling", *Journal of Scheduling* 6 (2003), 63-85
- A. de Bruin, G. Kindervater, T. Vredeveld and A. Wagelmans, "Finding a Feasible Solution for a Class of Distributed Problems with a Single Sum Constraint Using Agents", *Constraints* 8 (2003), 209-218
- A. Poot, G. Kant and A.P.M. Wagelmans, "A Savings Based Method for Real-Life Vehicle Routing Problems", *Journal of the Operational Research Society* 53 (2002), 57-68
- C.-Y. Lee, S. Çetinkaya and A.P.M. Wagelmans, "A Dynamic Lot Size Model with Demand Time Windows", *Management Science* 47 (2001), 1384-1395
- R. Freling, J.M. Pinto Paixão and A.P.M. Wagelmans, "Models and Algorithms for Single-Depot Vehicle Scheduling", *Transportation Science* 35 (2001), 165-180
- C.P.M. van Hoesel and A.P.M. Wagelmans, "Fully Polynomial Approximation Schemes for Single-Item Capacitated Economic Lot-Sizing Problems", *Mathematics of*

Operations Research 26 (2001), 339-357

- R. Freling, D. Huisman and A.P.M. Wagelmans, "Applying an Integrated Approach to Vehicle and Crew Scheduling in Practice", in S. Voß and J.R. Daduna (eds.), *Computer-Aided Scheduling of Public Transport*, Springer, Berlin (2001), pp. 73-90
- A.P.M. Wagelmans and A.E. Gerodimos, "Improved Dynamic Programs for Batching Problems with Maximum Lateness Criterion", *Operations Research Letters* 27 (2000), 109-118
- C.P.M. van Hoesel and A.P.M. Wagelmans, "Parametric Analysis of Setup Cost in the Economic Lot-Sizing Model without Speculative Motives", *International Journal of Production Economics* 66 (2000), 13-22
- H. Bart and A.P.M. Wagelmans, "An Integer Programming Problem and Rank Decomposition of Block Upper Triangular Matrices", *Linear Algebra and its Applications* 305 (2000), 107-129
- R. Freling, A.P.M. Wagelmans and J.M. Pinto Paixão, "An Overview of Models and Techniques for Integrating Vehicle and Crew Scheduling", in: N.H.M. Wilson (ed.), *Computer-Aided Scheduling of Public Transport*, Springer, Berlin (1999), pp. 441-460
- S. van Hoesel and A. Wagelmans, "On the Complexity of Postoptimality Analysis of 0/1 Programs", *Discrete Applied Mathematics* 91 (1999), 251-263 (selected for inclusion in *Discrete Applied Mathematics, Editors' Choice, Edition 1999*)
- N. Chakravarti and A.P.M. Wagelmans, "Calculation of Stability Radii for Combinatorial Optimization Problems", *Operations Research Letters* 23 (1998), 1-7
- Y.N. Sotskov, A.P.M. Wagelmans and F. Werner, "On the Calculation of the Stability Radius of an Optimal or an Approximate Schedule", in: H. Bräsel and F. Werner (eds.), *Annals of Operations Research 83: Models and Algorithms for Planning and Scheduling Problems* (1998), 213-252
- D.X. Shaw and A.P.M. Wagelmans, "An Algorithm for Single-Item Capacitated Economic Lot Sizing with Piecewise Linear Production Costs and General Holding Costs", *Management Science* 44 (1998), 831-838
- C.P.M. van Hoesel, A.P.M. Wagelmans and M. van Vliet, "An $O(n \log n)$ Algorithm for the Two-Machine Flow Shop Problem with Controllable Machine Speeds", *INFORMS Journal on Computing* 8 (1996), 376-382
- C.P.M. van Hoesel and A.P.M. Wagelmans, "An $O(T^3)$ Algorithm for the Economic Lot-Sizing Problem with Constant Capacities", *Management Science* 42 (1996), 142-150
- A.W.J. Kolen, A.H.G. Rinnooy Kan, C.P.M. van Hoesel and A.P.M. Wagelmans, "Sensitivity Analysis of List Scheduling Heuristics", *Discrete Applied Mathematics* 55 (1994), 145-162
- S. van Hoesel, A. Wagelmans and B. Moerman, "Using Geometric Techniques to Improve Dynamic Programming Algorithms for the Economic Lot-Sizing Problem and Extensions", *European Journal of Operational Research* 75 (1994), 312-331
- C.P.M. van Hoesel, A.P.M. Wagelmans and L.A. Wolsey, "Polyhedral Characterization

of the Economic Lot-Sizing Problem with Start-up Costs", *SIAM Journal on Discrete Mathematics* 7 (1994), 141-151

- S. van Hoesel and A. Wagelmans, "Sensitivity Analysis of the Economic Lot-Sizing Problem", *Discrete Applied Mathematics* 45 (1993), 291-312
- A. Wagelmans, S. van Hoesel and A. Kolen, "Economic Lot-Sizing: an $O(n \log n)$ Algorithm That Runs in Linear Time in the Wagner-Whitin Case", *Operations Research* 40 (1992), S145-S156
- S. van Hoesel and A. Wagelmans, "A Note on 'Stability of the Constant Cost Dynamic Lot Size Model' by K. Richter", *European Journal of Operational Research* 55 (1991), 112-114
- S. van Hoesel, A. Wagelmans and A. Kolen, "A Dual Algorithm for the Economic Lot-Sizing Problem", *European Journal of Operational Research* 52 (1991), 315-325

Papers to appear in refereed journals and books

- S. van Hoesel and A. Wagelmans, "On the p -Coverage Problem on the Real Line", Working Paper 255-91, Operations Research Center, Massachusetts Institute of Technology (1991), 21 pages; accepted for publication in *Statistica Neerlandica*

Papers submitted for publication

- M. Snelder, A.P.M. Wagelmans, J.M. Schrijver, H.J. van Zuylen and L.H. Immers, "Optimal Redesign of the Dutch Road Network", Econometric Institute Report EI 2005-55, Econometric Institute, Erasmus University Rotterdam (2005), 22 pages; submitted to *Transportation Research A*
- Wilco van den Heuvel & Albert P.M. Wagelmans, "A note on a multi-period profit maximizing model for retail supply chain management", Econometric Institute Report EI 2003-36, Econometric Institute, Erasmus University Rotterdam (2003), 7 pages; submitted to *European Journal of Operational Research*
- P.J.M. Meersmans and A.P.M. Wagelmans, "Dynamic Scheduling of Handling Equipment at Automated Container Terminals", Report 2001-33, Econometric Institute, Erasmus University Rotterdam (2001), 20 pages (submitted to *European Journal of Operational Research*; currently under revision)
- P.J.M. Meersmans and A.P.M. Wagelmans, "Effective Algorithms for Integrated Scheduling at Automated Container Terminals", Report 2001-19, Econometric Institute, Erasmus University Rotterdam (2001), 26 pages (submitted to *European Journal of Operational Research*; currently under revision)

Reports (as far as not submitted or published elsewhere)

- H.K. van Dijk, J.F. Kaashoek and A.P.M. Wagelmans, "Rotterdam Econometrics: Publications of the Econometric Institute 1956-2005", Report EI 2006-00, Econometric Institute Rotterdam, Erasmus University Rotterdam (2006), 102 pages
- R. Freling, N. Piersma, A.P.M. Wagelmans and A. van de Wetering, "Rostering at a Dutch Security Firm", Report ERS-2001-37-LIS, Erasmus Research Institute of Management, Erasmus University Rotterdam (2001), 13 pages
- N. Piersma, S. Kapsenberg, P. Kloprogge and A.P.M. Wagelmans, "Media Planning by Optimizing Contact Frequencies", Report 9856/A, Econometric Institute, Erasmus University Rotterdam (1998), 23 pages
- C.P.M. van Hoesel, A.W.J. Kolen, A.H.G. Rinnooy Kan and A.P.M. Wagelmans, "Sensitivity Analysis in Combinatorial Optimization: A Bibliography", Report 8944/A, Econometric Institute, Erasmus University Rotterdam (1989), 15 pages

PhD dissertation

- *Sensitivity Analysis in Combinatorial Optimization*, Erasmus Publishers, Rotterdam (1990), 211 pages; supervisors: Antoon Kolen and Alexander Rinnooy Kan

Inaugural address

- *Moeilijk Doen Als Het Ook Makkelijk Kan – Over het nut van grondige wiskundige analyse van beslissingsproblemen*, Erasmus Research Institute of Management, Rotterdam (2002), 27 pages (in Dutch)

Book reviews

- J.K. Strayer, *Linear Programming and its Applications*, in: *Mededelingen van het Wiskundig Genootschap* 35 (1992), 49-50 (in Dutch)
- G. Yu (ed.), *Operations Research in the Airline Industry*, in: *Kwantitatieve Methoden* 60 (1999), 112-113 (in Dutch)
- A. Drexel and A. Kimms (eds.), *Beyond Manufacturing Resource Planning (MRP II) - Advanced Models and Methods for Production Planning*, in: *Kwantitatieve Methoden* 61 (1999), 123-124 (in Dutch)
- M.Sh. Levin, *Combinatorial Engineering of Decomposable Systems*, in: *Nieuw Archief voor Wiskunde (serie 5)* 1 (2000), 445 (in Dutch)
- I. Stewart, *Het Magische Labyrint – De Wereld Bezien door Wiskundige Ogen* (Dutch translation of *The Magical Maze – Seeing the World through Mathematical Eyes*), in: *Kwantitatieve Methoden* 62 (1999), 158-159 (in Dutch)

- (with D. Romero Morales) S. Tayur, R. Ganeshan and M. Magazine (eds.), *Quantitative Models for Supply Chain Management*, in: *Kwantitatieve Methoden* 65 (2000), 157-158
- C.F. Daganzo, *Logistics Systems Analysis, 3rd Edition*, in: *Journal of the Operational Research Society* 53 (2002), 1399
- B.W. Taylor III, *Introduction to Management Science, 8th Edition*, to appear in: *Journal of the Operational Research Society*

Other publications

- "PhD Research and Old Traditions in the Netherlands", *ORSA Student Communications* 8, no. 3 (1991)
- R. Freling, N. Piersma and A.P.M. Wagelmans, "Planning Shifts in a 36-Hour Cyclical Roster", in: W.K. Klein Haneveld, O.J. Vrieze and L.C.M. Kallenberg (eds.), *Ten Years LNMB - PhD Research and Graduate Courses of the Dutch Network of Operations Research*, CWI Tract 122, Centrum voor Wiskunde en Informatica, Amsterdam (1997), pp. 31-36
- D. Huisman, R. Freling and A.P.M. Wagelmans, "Sequentiële en Geïntegreerde Benaderingen voor Voertuig- en Personeelsplanning bij de RET", *Medium Econometrische Toepassingen* vol. 7 no. 4 (1999), 11-14

Lecture notes

- A.P.M. Wagelmans (ed.), "Combinatorische Optimalisering", Stichting Syllabi, Rotterdam (1999), 227 pages
- A.P.M. Wagelmans, "Mathematische Besliskunde 2: Combinatorial Optimization", Stichting Syllabi, Rotterdam (1996), 200 pages

(September 2006)

(Co-)supervision of master thesis

- C.M. Boogaard, "Een kwantitatief onderzoek naar de mogelijkheden en gevolgen van deeltijdarbeid" (1987)
- L.N. Vermaas, "Toepassing van gevoeligheidsanalyse op het handelsreizigersprobleem (TSP)" (1989)
- Verkaik, "Routing met tijdsvensters" (1990)
- M.J. de Jong, "An evaluation of a new algorithm to solve economic lot-sizing problems" (1991)
- H. Woudstra, "Optimalisatie van lege en volle containerstromen" (1992)
- P.P.J. Hoogbruin, "Hole-bucket facets for the single-item discrete lot sizing problem" (1992)
- R.A. Delahaye, "Plannen bij een tuinbouwtoeleveringsbedrijf. De ontwikkeling van een heuristiek voor een Deterministic Fixed Resource Multiple Project Scheduling Problem" (1993)
- A.M. Louro Martins, "Computational experiments with algorithms for the lot sizing problem" (1993)
- S.E. Peeters, "Bayesian estimation and a scenario optimization model in portfolio selection" (1993)
- K.M. Dijkman, "Quadratic programming with convex quadratic constraints" (1993)
- Y.P. Odekerken, "Het verkeerstoeedelingsmodel voor de binnenvaart" (1993)
- J.A.J. Rooze, "Scheduling an active phased array radar. A bench-mark method" (1993)
- S. van Hoogdalem, "Projektplanning van aanleg en verbeteringswerkzaamheden Rijkswegen" (1994)
- R.P. Plasmeijer, "Exacte en benaderende algoritmen voor het routeren en plannen van het wijkvervoer" (1994)
- J.P.R. Bolland, "Econosto economisch? Een onderzoek naar de efficiëntie van het binnenlandse transport bij Econosto" (1994)
- M.R. Wiggers, "Een clustermethode die het klassenprincipe in stand houdt" (1994)
- R.E.R. Seuren, "Van balie naar Bali (balietoewijzing aan vluchten)" (1994)
- M.J. Willemars, "Plan 's een boompje. Een onderzoek naar verkoopvoorspelling, voorraadbeheersing en produktieplanning" (1994)
- P.E.J. Burghouts, "A network planning support system. Developing a tool to support network planning activities at Nedlloyd Lines" (1995)
- G.J. Kreft, "Het Resource Constrained Shortest Path Problem op een acyclisch netwerk" (1995)

- S. Kapsenberg, "Contactfrequentieoptimalisatie. Een vergelijking van algoritmen" (1995)
- J.C. van der Kruk, "Planning gecombineerd vervoer met shuttletreinen" (1995)
- D.W.A. Haas, "Economic lot sizing" (1995)
- M.J.P. Vink, "Roosteren bij de GGD: Een heuristische methode" (1995)
- J. Eversen, "Scheduling Troika operations" (1995)
- A.A. Kuneman, "Routeplanning bij een graanoverslagbedrijf" (1996)
- A.M. Barkel, "Het set covering problem: Analyse van oplossingsmethoden en een toepassing" (1996)
- R.M. van der Loos, "Mag het een minuut eerder of later zijn? Een heuristiek voor het Single Depot Vehicle Scheduling Problem with Time Windows" (1996)
- M.J. Heemskerk, "Zalentoewijzing op de Erasmus Universiteit Rotterdam" (1996)
- M. van Duyn, "Kwantitatieve planningsondersteuning bij de Nederlandse Veiligheidsdienst BV" (1997)
- J. Hugen, "Crew scheduling bij Transavia" (1997)
- J.P. Jongenotter, "Surrogaat relaxatie voor het set covering probleem" (1997)
- A. Poot, "De toepassing van savings in de praktijk" (1997)
- R. Kneppers, "Het Bulk Routing en Scheduling Probleem voor de betonmortel-industrie" (1998)
- S.C. de Wijs, "Automatische collegeroostering" (1998)
- J. K. Eerland, "ExpertPlanner - Constructie en verbeteringen" (1999)
- E. Oudshoorn, "Een Tabu Search Heuristiek voor het Nachtnet van PTT Post BV" (1999)
- M. Boon, "Parallele machine-scheduling in de mengvoederindustrie" (1999)
- D. Huisman, "Sequentiële en Geïntegreerde Benaderingen voor Voertuig- en Personeelsplanning bij de RET" (1999)
- W. van Eijk, "Het beton-expeditie probleem" (2000)
- T. van de Krol, "The comparison of refinery modelling methods" (2000)
- R. Rooderkerk, "Voorraadbesturing voor het Transmissienetwerk van KPN Mobile" (2001)
- R. van der Lans, "Het opvoerproces van post. Een transportprobleem met een aanvoereis" (2001)
- W. van den Heuvel, "Analysis of several algorithms for lot-sizing problems" (2002)
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