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Lista Publikacji

Monografie:

R.Mansini, W.Ogryczak, M.G.Speranza: *Linear and Mixed Integer Programming for Portfolio Optimization.* Springer 2015.

W.Ogryczak: *Wielokryterialna optymalizacja liniowa i dyskretna*. Wydawnictwa Uniwersytetu Warszawskiego, Warszawa 1997.

K.Zorychta, W.Ogryczak: *Programowanie liniowe i całkowitoliczbowe.* Wydawnictwa Naukowo–Techniczne (WNT), Warszawa 1981.

Podręczniki (skrypty):

W.Ogryczak: *Wspomaganie decyzji*, Podręcznik multimedialny, PW OKNO/Kopipol, Warszawa 2006.

W.Ogryczak: *Programowanie matematyczne w pakiecie MPSX*. Wydawnictwa Uniwersytetu Warszawskiego, Warszawa 1989.

W.Ogryczak: *Komputerowe systemy programowania liniowego.* Materiały Pomocnicze dla Kursów Zastosowań Matematyki, Instytut Matematyczny PAN, Warszawa 1989.

Zbiory artykułów (redakcja):

W.Ogryczak, H.Luss, D.Nace, M.Pioro (red.): *Fair Optimization and Networks: Models, Algorithms, and Applications*, Special Issue of *Journal of Applied Mathematics*, **2014**.

W.Ogryczak, G.Kersten (red.): *Portfolio Optimization*, Special Issue of *Control and Cybernetics*, **28**, 1999, No. 4.

W.Ogryczak, R.Vetschera (red.): *Methodological Foundations of Multi-Criteria Decision Making*, Feature Issue of *European Journal of Operational Research*, **158**, 2004, No. 2.

Artykuły naukowe:

Rozdziały książek:

R.Mansini, W.Ogryczak, M.G.Speranza: Portfolio Optimization and Transaction Costs, w: *Quantitative Financial Risk Management: Theory and Practice*, C. Zopounidis, E. Galariotis (Eds.), Wiley 2015, 212-241.

W.Ogryczak, T.Śliwiński: On solving optimization problems with ordered average criteria and constraints, w: *Fuzzy Optimization*, W.A. Lodwick, J. Kacprzyk (Eds.), Studies in Fuzziness and Soft Computing 254, Springer 2010, 209–230.

M.M.Kostreva, W.Ogryczak: Equitable Approaches to Location Problems, w: *Spatial Multicriteria Decision Making and Analysis — A Geographic Information Sciences Approach*, J.–C.Thill (Ed.), Ashgate, Brookfield 1999, 103–126.

W.Ogryczak, K.Studziński, K.Zorychta: A Generalized Reference Point Approach to Multiobjective Transshipment Problem with Facility Location, w: *Aspiration Based Decision Support Systems — Theory, Software and Applications*, A.Lewandowski and A.Wierzbicki (Eds.), Lecture Notes in Economics and Mathematical Systems, **331**, Springer Verlag, New York 1989, 213–229.

W.Ogryczak, K.Studziński, K.Zorychta: Solving Multiobjective Distribution-Location Problems with the DINAS System, ibid, 230–250.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS — Dynamic Interactive Network Analysis System, ibid, 385–387.

Artykuły w międzynarodowych czasopismach naukowych:

W.Ogryczak, H.Luss, M.Pióro, D.Nace, A.Tomaszewski: Fair Optimization and Networks: A Survey, *Journal of Applied Mathematics*, 2014, Article ID 612018, 1–25.

R.Mansini, W.Ogryczak, M.G.Speranza: Twenty Years of Linear Programming Based Portfolio Optimization, *European Journal of Operational Research*, 234, (2014), 518–535.

W.Ogryczak: Tail Mean and Related Robust Solution Concepts, *International Journal of Systems Science*, 45, (2014), 29–38.

W.Ogryczak, P.Perny. P.Weng: A Compromise Programming Approach to Multiobjective Markov Decision Processes. *International Journal of Information Technology & Decision Making*, 12, (2013), 1021–1053.

W.Ogryczak, P.Olender: On MILP Models for the OWA Optimization, *Journal of Telecommunications and Information Technology*, 2/2012, 5–12.

W.Ogryczak, T.Śliwiński: On dual approaches to efficient optimization of LP computable risk measures for portfolio selection, *Asia-Pacific Journal of Operational Research*, 28, (2011), 41–63.

W.Ogryczak, B.Kozłowski: Reference Point Method with Importance Weighted Ordered Partial Achievements, *TOP*, 19, (2011), 380–401.

W.Ogryczak, T.Śliwiński: On solving the dual for portfolio selection by optimizing Conditional Value at Risk, *Computational Optimization and Applications*, 50, (2011), 591–595.

W.Ogryczak: Ordered weighted enhancement of preference modeling in the reference point method for multiple criteria optimization. *Soft Computing*, 14, (2010), 435–450.

W.Ogryczak: Conditional median as a robust solution concept for uncapacitated location problems. *TOP*, 18, (2010), 271–285.

W.Ogryczak, T.Śliwiński: On Efficient WOWA Optimization for Decision Support under Risk. *International Journal of Approximate Reasoning*, 50, (2009), 915–928.

W.Ogryczak: Inequality Measures and Equitable Locations. *Annals of Operations Research*, 167, (2009), 61–86.

M.Dzida, T.Śliwiński, M.Zagożdżon, W.Ogryczak, M.Pióro: Path Diversity Protection in Two-Layer Networks. *Journal of Telecommunications and Information Technology*, 3/2009, 14–19.

W.Ogryczak, T.Śliwiński: Decision Support under Risk by Optimization of Scenario Importance Weighted OWA Aggregations. *Journal of Telecommunications and Information Technology*, 3/2009, 5–13.

W.Ogryczak: Reference Point Method with Importance Weighted Partial Achievements. *Journal of Telecommunications and Information Technology*, 4/2008, 17–25.

K.Bareja, W.Ogryczak: Reference distribution based decision support platform. *Journal of Telecommunications and Information Technology*, 3/2008, 5–14.

W.Ogryczak, A.Wierzbicki, M.Milewski: A Multi-Criteria Approach to Fair and Efficient Bandwidth Allocation. *OMEGA*, 36, (2008), 451–463.

W.Ogryczak: Multicriteria Models for Fair Resource Allocation. *Control and Cybernetics*, 36, (2007), 303–332.

R.Mansini, W.Ogryczak, M.G.Speranza, Conditional Value at Risk and Related Linear Programming Models for Portfolio Optimization, *Annals of Operations Research*, **152**, (2007). 227–256.

W.Ogryczak, A.Wierzbicki, M.Milewski, Fair and efficient network dimensioning with the reference point methodology, *Journal of Telecommunications and Information Technology*, 4/2006, 21–30.

A.Krzemienowski, W.Ogryczak: On Extending the LP Computable Risk Measures to Account Downside Risk, *Computational Optimization and Applications*, **32**, (2005), 133–160.

W.Ogryczak, M.Pióro, A.Tomaszewski: Telecommunications Network Design and Max-Min Optimization Problem, *Journal of Telecommunications and Information Technology*, 3/2005, 43–56.

W.Ogryczak, A.Wierzbicki: On Multi-Criteria Approaches to Bandwidth Allocation, *Control and Cybernetics*, **33**, (2004), 427–448.

M.M.Kostreva, W.Ogryczak, A.Wierzbicki: Equitable Aggregations and Multiple Criteria Analysis, *European Journal of Operational Research*, **158**, (2004), 362–367.

R.Mansini, W.Ogryczak, M.G.Speranza: LP Solvable Models for Portfolio Optimization: A Classification and Computational Comparison, *IMA Journal of Management Mathematics*, **14**, (2003), 187–220.

M.Kaleta, W.Ogryczak, E.Toczyłowski, I.Żółtowska: On Multiple Criteria Decision Support for Suppliers on the Competitive Electric Power Market. *Annals of Operations Research*, **121**, (2003), 79–104.

W.Ogryczak, T. Śliwiński, A.Wierzbicki: Fair resource allocation schemes and network dimensioning problems, *Journal of Telecommunications and Information Technology*, 3/2003, 34–42.

R.Mansini, W.Ogryczak, M.G.Speranza: On LP Solvable Models for Portfolio Selection. *Informatica*, **14**, (2003), 37–62.

W.Ogryczak, T.Śliwiński: On Solving Linear Programs with the Ordered Weighted Averaging Objective. *European Journal of Operational Research*, **148**, (2003), 80–91.

W.Ogryczak, A.Tamir: Minimizing the Sum of the k Largest Functions in Linear Time. *Information Processing Letters*, **85**, (2003), 117–122.

W.Ogryczak: Multiple Criteria Optimization and Decisions under Risk. *Control and Cybernetics*, **31**, (2002), 975–1003.

W.Ogryczak, A.Ruszczyński: Dual Stochastic Dominance and Quantile Risk Measures. *International Transactions in Operational Research*, **9**, (2002), 661–680.

W.Ogryczak, M.Zawadzki: Conditional Median — A Parametric Solution Concept for Location Problems. *Annals of Operations Research*, **110**, (2002), 167–181.

W.Ogryczak, T. Śliwiński: On equitable approaches to resource allocation problems: the conditional minimax solution, *Journal of Telecommunications and Information Technology*, 3/2002, 40–48.

W.Ogryczak, A.Ruszczyński: Dual Stochastic Dominance and Related Mean–Risk Models. *SIAM Journal on Optimization*, **13**, (2002), 60–78.

W.Ogryczak: On Goal Programming Formulations of the Reference Point Method. *Journal of the Operational Research Society*, **52**, (2001), 691–698.

W.Michalowski, W.Ogryczak: Extending the MAD Portfolio Optimization Model to Incorporate Downside Risk Aversion. *Naval Research Logistics*, **48**, (2001), 185–200.

W.Ogryczak: Comments on Properties of the Minimax Solutions in Goal Programming. *European Journal of Operational Research*, **132**, (2001), 17–21.

W.Ogryczak, A.Ruszczyński: On Consistency of Stochastic Dominance and Mean–Semideviation Models. *Mathematical Programming*, **89**, (2001), 217–232.

W.Ogryczak: Multiple Criteria Linear Programming Model for Portfolio Selection. *Annals of Operations Research*, **97**, (2000), 143–162.

W.Ogryczak: Inequality Measures and Equitable Approaches to Location Problems. *European Journal of Operational Research*, **122**, (2000), 374–391.

W.Ogryczak: On the Distribution Approach to Location Problems. *Computers & Industrial Engineering*, **37**, (1999), 595–612.

W.Michalowski, W.Ogryczak: A Recursive Procedure for Selecting Optimal Portfolio According to the MAD Model. *Control and Cybernetics*, **28**, (1999), 725–738.

M.M.Kostreva, W.Ogryczak: Linear Optimization with Multiple Equitable Criteria. *RAIRO Operations Research*, **33**, (1999), 275–297.

W.Ogryczak, A.Ruszczyński: From Stochastic Dominance to Mean–Risk Models: Semideviations as Risk Measures. *European Journal of Operational Research*, **116**, (1999), 33–50.

M.M.Kostreva, W.Ogryczak, D.W.Tonkyn: Relocation Problems Arising in Conservation Biology. *Computers & Mathematics with Applications*, **37**, (1999), 135–150.

W.Ogryczak: Location Problems from the Multiple Criteria Perspective: Efficient Solutions. *Archives of Control Sciences*, **7 (XLIII)**, (1998), 161–180.

W.Ogryczak: On Cent–Dians of General Networks, *Location Science*, **5**, (1997), 15–28.

J.Korycki, W.Ogryczak: A Spreadsheet Implementation of Aspiration/Reservation Based Decision Support, *Central European Journal for Operations Research and Economics*, **5**, (1997), 111–129.

W.Ogryczak: On the Lexicographic Minimax Approach to Location Problems, *European Journal of Operational Research*, **100**, (1997), 566–585.

W.Ogryczak: A Note on Modeling Multiple Choice Requirements for Simple Mixed Integer Programming Solvers. *Computers & Operations Research*, **23**, (1996), 199–205.

J.Malczewski, W.Ogryczak: Multiple Criteria Location Problem: 2. Preference–based Techniques and Intertactive Decision Support. *Environment & Planning*, **A28**, (1996), 69–98.

J.Malczewski, W.Ogryczak: Multiple Criteria Location Problem: 1. A Generalized Network Model and the Set of Efficient Solutions. *Environment & Planning*, **A27**, (1995), 1931–1960.

W.Ogryczak: Dual Simplex Algorithm with Implicit Representation of Variable Upper Bounds. *Optimization*, **33**, (1995), 321–338.

W.Ogryczak, K.Zorychta: On Solving Multiobjective Linear Programs with Implicit Representation of Minimax Scalarizing Function. *Archives of Control Sciences*, **3 (XXXIX)**, (1994), 193–209.

W.Ogryczak: A Goal Programming Model for the Reference Point Method. *Annals of Operations Research*, **51**, (1994), 33–44.

W.Ogryczak, S.Lahoda: Aspiration/Reservation Decision Support — A Step Beyond Goal Programming. *Journal of Multi–Criteria Decision Analysis*, **1**, (1992), 101–117.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS — A Computer–Assisted Analysis System for Multiobjective Transshipment Problems with Facility Location. *Computers & Operations Research*, **19**, (1992), 637–647.

W.Ogryczak: An Implementation of Variable Upper Bounds via SUB Methodology. *Journal of Information & Optimization Sciences*, **13**, (1992), 29–47.

J.Malczewski, W.Ogryczak: An Interactive Approach to the Central Facility Location Problem: Locating Pediatric Hospitals in Warsaw. *Geographical Analysis*, **22**, (1990), 244–258.

W.Ogryczak, K.Studziński, K.Zorychta: A Solver for the Multi–Objective Transshipment Problem with Facility Location. *European Journal of Operational Research*, **43**, (1989), 53–64.

W.Ogryczak: Simplex Method is not Always Well–behaved. *Linear Algebra and Its Applications*, **109**, (1988), 41–57.

W.Szymanowski, W.Ogryczak: The Analysis of Liquid Milk Supply to Urban Agglomeration by a Bicriterion Linear Transportation Model with the MPSX/370 Package. *Arch. Automatyki i Telemechaniki*, **XXXIII**, (1988), 368–376.

W.Ogryczak: Symmetric Duality Theory for Linear Goal Programming. *Optimization*, **19**, (1988), 373–396.

J.Malczewski, W.Ogryczak: A Multiobjective Approach to Reorganization of Health Service Areas: A Case Study. *Environment & Planning*, **A20**, (1988), 1461–1470.

W.Ogryczak: A Counterexample to Transformations in Multiphase and Sequential Linear Goal Programming. *Control and Cybernetics*, **17**, (1988), 79–84.

W.Ogryczak: On Practical Stopping Rules for the Simplex Method. *Mathematical Programming Study*, **31**, (1987) 167–174.

W.Ogryczak, J.Malczewski: Health Care Districts Planning by Multiobjective Analysis with the MPSX/370 Package. *Arch. Automatyki i Telemechaniki*, **XXXII**, (1987), 369–381.

W.Ogryczak, K.Studziński, K.Zorychta: General Concept of the Dynamic Interactive Network Analysis System (DINAS). *Arch. Automatyki i Telemechaniki*, **XXXII**, (1987), 279–289.

W.Ogryczak: A Symmetric Duality Concept for Linear Goal Programming: Principal Results. *Control and Cybernetics*, **15**, (1986), 413–423.

Artykuły w czasopismach krajowych:

W.Ogryczak, M.Zawadzki: Zadania lokalizacyjne z kryterium minimalizacji najgorszej średniej warunkowej. *Zeszyty Naukowe Politechniki Śląskiej: Automatyka*, **136**, (2002), 167–177.

A.Krzemienowski, W.Ogryczak: Warunkowa wartość zagrożona jako miara ryzyka w optymalizacji portfela inwestycji finansowych: I. Model programowania liniowego, *Rynek Terminowy*, **18**, (2002), 117–122.

W.Ogryczak: Wielokryterialne podejście do zadań lokalizacyjnych. *Zeszyty Naukowe Politechniki Śląskiej: Automatyka*, **131**, (2000), 111–120.

B.Ogryczak, W.Ogryczak: Optymalizacja tras dostaw z mikrokomputerem IBM–PC. *Przegląd Statystyczny*, **35**, (1988), 81–98.

A.Całczyński, W.Szymanowski, W.Ogryczak: Optymalizacja dostaw towarów w aglomeracjach miejskich — doświadczenia i kierunki zastosowań. *Handel Wewnętrzny*, **6**, (1984), 38–46.

Artykuły w proceedingach konferencji międzynarodowych wydanych jako książki:

W.Ogryczak, J.Hurkala: Determining OWA Operator Weights by Maximum Deviation Minimization, w: *PReMI 2015*, Lecture Notes in Computer Science Volume 9124, Springer 2015, 335–344.

W.Ogryczak. P.Perny, P.Weng: On WOWA rank reversal, w: *MDAI 2012*, Lecture Notes in Artificial Intelligence 7647, Springer 2012, 66–77.

W.Ogryczak: Robust decisions under risk for imprecise probabilities, w: *Managing Safety of Heterogeneous Systems*, Y.Ermoliev, M.Makowski, K.Marti (eds.), Lecture Notes in Economics and Mathematical Systems 658, Springer 2012, 51–66.

M.Majdan, W.Ogryczak: Determining OWA Operator Weights by Mean Absolute Deviation Minimization, w: ICAISC 2012, Lecture Notes in Computer Science 7267, Springer 2012, 283-291.

W.Ogryczak. P.Perny, P.Weng: On minimizing ordered weighted regrets in multiobjective Markov decision processes, w: *ADT 2011*, Lecture Notes in Artificial Intelligence 6992, Springer 2011, 190–204.

B.Kozlowski, W.Ogryczak: On ordered weighted reference point model for multi-attribute procurement auctions, w: *ICCCI 2011*, Lecture Notes in Computer Science 6922, Springer 2011, 294–303.

W.Ogryczak: On Robust Solutions to Multi-Objective Linear Programs, w: *Multiple Criteria Decision Making'09*, T.Trzaskalik T.Wachowicz (eds.), 2010, 197–212.

M.Majdan, W.Ogryczak: Multicriteria subjective reputation management model, w: *RSCTC 2010*, Lecture Notes in Artificial Intelligence 6086, Springer 2010, 678–687.

W.Ogryczak: Bicriteria models for fair and efficient resource allocation, w: *SocInfo 2010*, Lecture Notes in Computer Science 6430, Springer 2010, 140–159.

W.Ogryczak, T.Śliwiński: On Efficient Optimization of the CVaR and Related LP Computable Risk Measures for Portfolio Selection, w: *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, M.Corazza, C.Pizzi (red.), Springer, 2010, 246–252.

W.Ogryczak, T.Śliwiński: Sequential Algorithms for Max-Min Fair Bandwidth Allocation, w: *Proceedings of the European Computing Conference*, vol. 1, N.Mastorakis, V.Mladenov, V.T.Kontargyri (red.), Springer, 2009, 511–522.

W.Ogryczak, B.Kozlowski: Reference Point Method with Importance Weighted Ordered Achievements, w: *Computational Inteligence in Decision and Control*, D.Ruan (red.), World Scientific Publishing, 2008, 495–500.

W.Ogryczak: Reference Point Method with Lexicographic Min-Ordering of Individual Achievements, w: *Multiple Criteria Decision Making '07*, T.Trzaskalik (red.), Wyd. Akademii Ekonomicznej w Katowicach, 2008, 155–174.

W.Ogryczak: WOWA Enhancement of the Preference Modeling in the Reference Point Method. *Lecture Notes in Artificial Intelligence*, 5285, (2008), 38–49.

M.Pióro, T.Śliwiński, M.Zagożdżon, M.Dzida, W.Ogryczak: Path Generation Issues for Survivable Network Design. *Lecture Notes In Computer Science*, 5073, (2008), 820–835.

W.Ogryczak,M.M.Opolska-Rutkowska: Coherent Risk Measures and Stochastic Dominance, w: *Mathematical, Econometrical and Computational Methods in Finance and Insurance*, P.Chrzan (red.), Publisher of the Karol Adamiecki University of Economics in Katowice, 2007, 137–147.

W.Ogryczak, T.Śliwiński: On decision Support Under Risk by the WOWA Optimization. *Lecture Notes in Artificial Intelligence*, 4724, (2007), 779–790.

W.Ogryczak, T.Śliwiński: On Optimization of the Importance Weighted OWA Aggregation of Multiple Criteria. *Lecture Notes in Computer Science*, 4705, (2007), 804–817.

W.Ogryczak, A.Romaszkiewicz: On Fuzzy Driven Support for SD-Efficient Portfolio Selection. *Lecture Notes in Computer Science*, 4431, (2007), 578–587.

W.Ogryczak, M.Opolska-Rutkowska: SSD Consistent criteria and coherent risk measures, w: *System Modeling and Optimization*, Springer 2006, 226–237.

W.Ogryczak: Equity, Fairness and Multicriteria Optimization, w: *Multiple Criteria Decision Making '05*, T. Trzaskalik (ed.), Wyd. Akademii Ekonomicznej w Katowicach, 2006, 185–199.

W.Ogryczak, T.Śliwiński: On Direct Methods for Lexicographic Min-Max Optimization, w: *ICCSA 2006, Lecture Notes in Computer Science*, **3982**, Springer, 2006, 802–811.

W.Ogryczak, M.Opolska-Rutkowska: SSD Consistent criteria and coherent risk measures, w: *System Modeling and Optimization, Proceedings of the 22nd IFIP TC7 Conference.* Springer 2006, 226–237.

W.Ogryczak: Risk Measurement: Mean Absolute Deviation versus Gini's Mean Difference, w: *Decision Theory and Optimization in Theory and Practice*, G. Wanka (Ed.), Shaker Verlag, Aachen, 2000, 33–51.

W.Ogryczak: Stochastic Dominance Relation and Linear Risk Measures, w: *Financial Modelling — Proceedings of the 23rd Meeting of the EURO Working Group on Financial Modelling*, A.M.J. Skulimowski (Ed.), Progress & Business Publishers, Kraków 1999, 191–212.

W.Ogryczak: Reference Distribution — An Interactive Approach to Multiple Homogeneous and Anonymous Criteria, w: *Multiple Criteria Decision Making — Proceedings of the XIIth International Conference*, G. Fandel, T. Gal (Eds.), Lecture Notes in Economics and Mathematical Systems, **448**, Springer Verlag, Berlin 1997, 156–165.

W.Ogryczak: Preemptive Reference Point Method, w: *Multicriteria Analysis — Proceedings of the XIth International Conference on MCDM*, J.Climaco (Ed.), Springer Verlag, Berlin 1997, 156–167.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS Dynamic Interactive Network Analysis System: A Tutorial Example, w: *User–Oriented Methodology and Techniques of Decision Analysis and Support — Proceedings of the IIASA International Workshop*, J.Wessels and A.P.Wierzbicki (Eds.), Lecture Notes in Economics and Mathematical Systems, **397**, Springer Verlag, New York 1993, 209–222.

W.Ogryczak, K.Studziński, K.Zorychta: EDINET — A Network Editor for Transshipment Problems with Facility Location, w: *Computer Science & Operations Research: New Developments in their Interfaces*, O.Balci, R.Sharda, S.A.Zenios (Eds.), Pergamon Press, Oxford 1992, 197–212.

W.Ogryczak, K.Zorychta, J.M.Chaudri: On Solving Multiobjective Linear Programs via Minimax Scalarizing Function, w: *Multiple Criteria Decision Making — Proceedings of the Ninth International Conference: Theory and Applications in Business, Industry and Government*, A.Goicoechea, L.Duckstein, S.Zionts (Eds.), Springer Verlag, Berlin 1992, 311–325.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS — Computer–Assisted System for Multi-Criteria Transportation and Location Analyses, w: *Advances in Computing and Information — Proceedings of the International Conference on Computing and Information ICCI'90*, S.G.Akl, F.Fiala and W.W.Koczkodaj (Eds.), Lecture Notes in Computer Science, **468**, Springer Verlag, New York 1991, 216–224.

W.Szymanowski, W.Ogryczak: The Analysis of Liquid Milk Supply to Urban Agglomeration by Bicriterion Linear Transportation Model with the MPSX/370 Package, w: *Improving Decision Making in Organisations — Proceedings of the VIIIth International Conference on Multiple Criteria Decision Making*, A.G.Lockett and G.Islei (Eds.), Lecture Notes in Economics and Mathematical Systems, **335**, Springer Verlag, New York 1989, 203–211.

W.Ogryczak, J.Malczewski: On Health Care Districts Planning by Multiobjective Analysis with the MPSX/370 Package, w: *Improving Decision Making in Organisations — Proceedings of the VIIIth International Conference on Multiple Criteria Decision Making*, A.G.Lockett and G.Islei (Eds.), Lecture Notes in Economics and Mathematical Systems, **335**, Springer Verlag, New York 1989, 314–324.

W.Ogryczak, K.Studziński, K.Zorychta: Dynamic Interactive Network Analysis System, w: *Improving Decision Making in Organisations — Proceedings of the VIIIth International Conference on Multiple Criteria Decision Making*, A.G.Lockett and G.Islei (Eds.), Lecture Notes in Economics and Mathematical Systems, **335**, Springer Verlag, New York 1989, 444–453.

W.Ogryczak, K.Studziński, K.Zorychta: Methodological Background of the Dynamic Interactive Network Analysis System (DINAS), w: *Methodology and Software for Interactive Decision Support — Proceedings of the International IIASA Workshop*, A.Lewandowski and I.Stanchev (Eds.), Lecture Notes in Economics and Mathematical Systems, **337**, Springer Verlag, New York 1989, 195–201.

Artykuły w proceedingach konferencji międzynarodowych:

W.Ogryczak: Fair Optimization - Methodological Foundations of Fairness in Network Resource Allocation, w: *38th Annual International Computers, Software and Applications Conference Workshops*, IEEE Computer Society 2014, 43–48.

W.Ogryczak, T.Śliwiński: Sequential algorithms for exact and approximate max-min fair bandwidth allocation, w: *Telecommunications Network Strategy and Planning Symposium (NETWORKS), 2012 XVth International*, IEEE 2012, 1–6.

W.Ogryczak, T.Śliwiński: Efficient portfolio optimization with conditional value at risk, w: *Proceedings of the International Multiconference on Computer Science and Information Technology, IMCSIT 2010*, art. no. 5679952, IEEE 2010, 901–908.

W.Ogryczak: On Principles of Fair Resource Allocation for Importance Weighted Agents, w: *Proceedings International Workshop on Social Informatics SOCINFO 2009*, IEEE Computer Society Press, 2009, 57–62.

M.Dzida, M.Zagożdżon, M.Pióro, T.Śliwiński, W.Ogryczak: Path Generation for a Class of Survivable Network Design Problems, w: *4th EURO-NGI Conference on Next Generation Internet Networks*, IEEE, 2008, 31–38.

W.Ogryczak: Fair and Efficient Resource Allocation: Bicriteria Models for Equitable Optimization, w: *ICINCO 2008 Fifth International Conference on Informatics in Control, Automation and Robotics: Intelligent Control Systems and Optimization*, J.Filipe, J.Andrade-Cetto, J.-L.Ferrier (red.), INSTICC Press, 2008, 149–156.

W.Ogryczak: WOWA Enhancement of the Reference Point Method, w: *Proceedings of the 12th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU'08)*, L.Magdalena, M.Ojeda-Aciego, J.L.Verdegay (red.), University of Malaga, 2008, 274–281.

R.Mansini, W.Ogryczak, M.G.Speranza: Tail Gini's Risk Measures and Related Linear Programming Models for Portfolio Optimization, w: *Hercma 2007 The 8th Hellenic European Research on Computer Mathematics & its Applications Conference*, Lea Publishers, Athens, 2007, 93–100.

W.Ogryczak, M.M.Opolska-Rutkowska: On Primal-Dual Third Degree Stochastic Dominance, w: *23rd IFIP TC7 Conference System Modelling and Optimization*, A.Korytowski, W.Mitkowski, M.Szymkat (red.), AGH, 2007, 51–52.

B.Kozlowski, W.Ogryczak: Multicriteria Decision Support for Problems with Numerous and Structured Criteria, w: *23rd IFIP TC7 Conference System Modelling and Optimization*, A.Korytowski, W.Mitkowski, M.Szymkat (red.), AGH, 2007, 305–306.

W.Ogryczak, M.Milewski, A.Wierzbicki: On Fair and Efficient Bandwith Allocation by the Multiple Target Approach, w: *2006 Next Generation Internet Design and Engineering*, IEEE, 2006, 48–55.

W.Ogryczak: Bicriteria Models for Fair Resource Allocation, w: *Proceedings of the 1st International Workshop on Computational Social Choice (COMSOC-2006)*, U.Endriss, J.Lang (red.), University of Amsterdam, 2006, 380–393.

M.Pióro, M.Dzida, A.Tomaszewski, M.Zagożdżon, E.Kubilinskas, P.Nilsson, W.Ogryczak: Applications of Max-Min Fairness Principle in Telecommunication Network Design, w: *2005 Next Generation Internet Networks*, IEEE, 2005, 219–225.

K.Fleszar, W.Ogryczak: On generalized OWA approach to support location and routing decisions, w: *Advanced OR and AI Methods in Transportation, Proceedings of 10th EWGT Meeting and 16th Mini-EURO Conference*, A.Jaszkiewicz, M.Kaczmarek, J.Żak, M.Kubiak (Eds.), Poznań, 2005, 746–751.

W.Ogryczak: Equity and Risk Factors in Aspiration–Based Approaches, w: *Proceedings of the International Workshop on Social Security Reform*, R.Kulikowski, G.J.MacDonald (Eds.), IBS PAN, Warszawa, 1998, 61–62.

W.Ogryczak: Multiple Criteria Linear Programming Model for Portfolio Selection, w: *International Conference on Transition to Advanced Market Institutions and Economies: Systems and Operations Research Challenges*, R.Kulikowski, Z.Nahorski, J.W.Owsiński (eds.), Warsaw, Poland, 1997, 302–305.

W.Ogryczak: A Goal Programming Model of the Reference Point Method, w: *Preprints of the IFAC/IFORS/IIASA/TIMS Workshop on Support System for Decision and Negotiation Processes*, Warsaw, Poland, 1992, 433–440.

W.Ogryczak and S.Lahoda: A Unified Implementation of Various Multiple Objective LP Techniques, w: *Proceedings of the 27th Annual Meeting Southeastern Chapter of The Institute of Management Sciences*, Myrtle Beach (South Carolina), USA, 1991, 342–344.

W.Ogryczak: Aspiration/Reservation Decision Support — A Step Beyond Goal Programming, w: *Proceedings of the Third Annual Meeting the International Academy of Management and Marketing*, Detroit (Michigan), USA, 1991, 655–663.

W.Ogryczak: Interactive Multiple Criteria Linear and Discrete Optimization as a Kernel of Decision Support Systems, w: *Proceedings of the 1991 Annual Meeting SE Decision Sciences Institute*, Arlington (Virginia), USA, 1991, 101–103.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS — Computer-Assisted System for Multi-Criteria Transportation and Location Analyses, w: *Proceedings of the International Conference on Computing and Information ICCI'90*, Niagara Falls, Canada, 1990, 221–224.

W.Ogryczak: An Interactive approach to Multiobjective Transshipment Problems with Facility Location, w: *Internationale Tagung: Mathematische Optimierung — Theorie und Anwendungen*, Eisenach, Germany, 1987, 106–109.

W.Szymanowski, W.Ogryczak: Models for the Foodstuff Distribution Organization Channels for Large Urban Agglomerations, w: *Preprints of 5th IFAC/IFIP/IFORS International Conference on Control in Transportation Systems*, Vienna, Austria, 1986, 73–82.

Artykuły w proceedingach konferencji krajowych:

M.Dzida, M.Zagożdżon, M.Pióro, W.Ogryczak, T.Śliwiński: Technika generacji kolumn w zadaniach wymiarowania sieci odpornych, w: *Sterowanie i automatyzacja: aktualne problemy i ich rozwiązania*, Akademicka Oficyna Wydawnicza EXIT, 2008, 285–294.

T.Strąbski, W.Ogryczak: Nukleolarna metoda punktu odniesienia, w: *Badania operacyjne i systemowe 2006: Metody i techniki*, J.Kacprzyk, R.Budziński (red.), Akademicka Oficyna Wydawnicza EXIT, Warszawa 2006, s.59–68.

W.Ogryczak, T.Śliwiński: Bezpośrednie metody minimaksymalizacji leksykograficznej, w: *XV Krajowa Konferencja Automatyki: Tom II*, Z.Bubnicki, R.Kulikowski, J.Kacprzyk (red.), IBS PAN, Warszawa 2005, s.31–36.

W.Ogryczak, M.Pióro, T.Śliwiński: Technika generacji kolumn w zadaniach sprawiedliwego rozdziału zasobów w sensie MMF, w: *Badania operacyjne i systemowe 2004: Podejmowanie decyzji — podstawy matematyczne i zastosowania*, R.Kulikowski, J.Kacprzyk, R.Słowiński (red.), Akademicka Oficyna Wydawnicza EXIT, Warszawa 2004, s.31–41.

W.Ogryczak: Modele programowania liniowego w optymalizacji portfela inwestycji. w: *Modelowanie preferencji a ryzyko '03*, T.Trzaskalik (red.), Wyd. AE w Katowicach, 2003, 435–455.

M.Kaleta, W.Ogryczak, E.Toczyłowski, I.Żółtowska: Wielokryterialne wspomaganie decyzji wytwórców na hurtowym rynku energii elektrycznej, w: *Badania operacyjne i systemowe wobec wyzwań XXI wieku: Metody i techniki analizy informacji i wspomagania decyzji*, Z,Bubnicki, O.Hryniewicz, R.Kulikowski (red.), Akademicka Oficyna Wyd. EXIT, Warszawa, 2002, II-31–II-40.

W.Ogryczak, A.Romaszkiewicz: Wielokryterialne podejście do optymalizacji portfela inwestycji, w: *Modelowanie preferencji a ryzyko '01*, T.Trzaskalik (red.), Wyd. AE w Katowicach, 2001, 327–338.

W.Ogryczak, A.Romaszkiewicz: Model typu Markowitza z ryzykiem mierzonym odchyleniem przeciętnym: analiza skuteczności na WGPW, w: *Modelowanie preferencji a ryzyko'99, Cz. 1*, T.Trzaskalik (red.), Wyd. AE w Katowicach, Katowice 1999, 291–305.

K.Zadora-Przyłęcki, W.Ogryczak, T.Sikorski, E.Toczyłowski: Metody usuwania ograniczeń systemowych na rynku energii elektrycznej, w: *Rynek energii elektrycznej: rozwój rynku energii elektrycznej w Polsce a rynek Europejski — Materiały VI konferencji naukowo-technicznej*, T. II, Lublin 1999, 135–142.

K.Zorychta, W.Ogryczak, K.Studziński: Interakcyjny system podejmowania decyzji w klasie wielokryterialnych zagadnień transportowo-lokalizacyjnych, w: *Komputerowe Systemy i Metody Wspomagajace Podejmowanie Decyzji — Materiały Konferencyjne*, Warszawa 1988, 244–253.

W.Ogryczak, B.Ogryczak: Planowanie tras dostaw z wykorzystaniem mikrokomputera IBM–PC, w: *Komputerowe Systemy i Metody Wspomagajace Podejmowanie Decyzji — Materiały Konferencyjne*, Warszawa 1988, 346–355.

Inne publikacje:

W.Ogryczak, H.Luss, D.Nace, M.Pióro: Fair Optimization and Networks: Models, Algorithms, and Applications. *Journal of Applied Mathematics*, **2014**, Article ID 340913, 1–3.

A.Wierzbicki, W.Ogryczak: More Fair Than Just Envy-Free. *Communications of the ACM*, **56**, 2013, 9.

C.Zieliński, K.Malinowski, P.Tatjewski, W.Ogryczak, A.Pacut, E.Toczyłowski, K.Sacha, W.Kasprzak: Obszary badań Instytutu Automatyki i Informatyki Stosowanej. *Przegląd Telekomunikacyjny - Wiadomości Telekomunikacyjne*, 10/2006, 289–292.

W.Ogryczak, R.Vetschera: Methodological foundations of multi-criteria decision making (editorial), *European Journal of Operational Research*, **158**, 2004, 267–270.

W.Ogryczak: Viewpoint: Goal programming, compromise programming and reference point method formulations: linkages and utility interpretations. *Journal of the Operational Research Society*, **52**, (2001), 960–964.

W.Ogryczak: Teoria decyzji i ryzyka, rozdział 5.2 w: *Automatyka i systemy informacyjno-decyzyjne — Kierunki badań i rozwoju*, W.Findeisen (red.), Oficyna Wydawnicza PW, Warszawa, 2001, 41-43.

W.Ogryczak, G.Kersten: Portfolio optimization (preface), *Control and Cybernetics*, **28**, 1999, 689–690.

W.Ogryczak: Recenzja książki M.M.Sysło, N.Deo, J.S.Kowalik "Algorytmy optymalizacji dyskretnej z programami w języku Pascal", PWN 1993. *Roczniki PTM Seria II: Wiadomości Matematyczne*, **XXX** (1993), 147–149.

W.Ogryczak, K.Studziński, K.Zorychta: DINAS —Dynamic Interactive Network Analysis System, w: *Methodology and Software for Interactive Decision Support — Proceedings of the International IIASA Workshop*, A.Lewandowski and I.Stanchev (Eds.), Lecture Notes in Economics and Mathematical Systems, **337**, Springer Verlag, New York 1989, 294–295.