

Curriculum Vitae

Michael Kopel



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Education

- 1997: Habilitation, Business Economics and Management Science, University of Technology, Vienna, Austria.
- 1993: Dr., Management Science, University of Technology, Vienna, Austria.
- 1989: M.A., Management Science, University of Technology, Vienna, Austria.
- 1987: Diploma in Actuarial Mathematics, University of Technology, Vienna, Austria.

Academic Appointments

- Current position: Full Professor (Ordinarius), Chair for Organization Theory and Economics of Institutions, University of Graz
- Until 2009: Associate Professor for Managerial Economics and Management Science, University of Technology, Vienna.
- 2003/2004 Head of the Department of Managerial Economics and Industrial Organization, University of Technology, Vienna.
- 2010 (Spring): Visiting Professor, University of Calabria, Italy
- 2005 (Spring): Visiting Professor, University of Technology, Sydney, Australia
- 2004 (Summer): Visiting Professor, Chuo University, Tokyo, Japan.
- 2002 (Summer): Visiting Professor, University of Southern Denmark, Department of Statistics and Demography, Odense, Denmark.
- 2002 (Spring): Visiting Professor, University of Konstanz, Faculty of Economics and Statistics, Constance, Germany.
- 1999: Visiting Professor, University of Konstanz, Faculty of Economics and Statistics, Constance, Germany.
- 1997/98, 1998/99, 2007/08: Visiting Professor, Karl-Franzens-University, Graz.
- 1996 - 1997: Assistant Professor, University of Technology, Vienna.
- 1994 -1996: Visiting Scholar, Cornell University, Department of Economics, Ithaca, New York, USA.
- 1990 - 1994: Research Assistant, University of Technology, Vienna.

Areas of Interest

Research

- Economics of Strategy/Industrial Organization/Innovation and Incentive Issues
- Information Economics and Principal-Agent Theory
- Managerial Accounting and Corporate Governance

Teaching

- Strategy and Game Theory
- Industrial Organization
- Theory of the Firm and Institutional Economics

Courses taught

- Economics of Strategy (Master-Level)
- Organizational Design and Incentives (Master-Level, in English)
- Organizational Design and Strategy (Master-Level, in English)
- Game Theory and Economics of Information (PhD-Level, in English)
- Organizing for Innovation (MBA, in English)
- Competitive Strategy (Graduate, Univ. of Technology, Vienna)
- Industrial Organization & Business Strategy (MBA, Univ. of Technology, Vienna)
- Incentives in Organizations (Graduate, Univ. of Technology, Vienna)
- Introduction to Quantitative Methods for Management (Undergrad, MBA)
- Managerial Economics and Business Strategy (Undergrad, MBA)
- Economics, Organization and Management (Graduate, Konstanz, Germany)
- Economic Dynamics with Applications to Resource Economics (Graduate, Konstanz)
- Quantitative Approaches to Decision Making (Konstanz, Germany)
- Seminar on Information and Incentives (Graduate, Konstanz, Germany)
- Seminar on Organization, Management and Strategy (Graz, Austria)
- Management and Organization (MBA, Moscow, Russia)
- Complexity in Economic Reasoning (PhD, University of Southern Denmark)
- Dynamic Oligopolies (PhD, Chuo University)
- Advanced Industrial Organization and Business Simulation (University of Calabria, Italy)
- Introduction to Cost and Financial Accounting (Undergrad)
- Advanced Accounting (Undergrad)

Memberships, Affiliations and Scientific Activities

- In 2019 ranked in the top 10% of Management Scholars in Austria/Germany/Switzerland (Research Ranking published by the „Handelsblatt“)
- Associate Editor of *Journal of Economic Behavior and Organization* (JEBO), 2010-2017
- Member of the Editorial Board of the *Journal Review of Managerial Science*
- Member of the Scientific Committee of the German Economic Association of Business Administration (GEABA, <http://www.geaba.de/>)

- Member of the “Committee for Theory of the Firm“ (German Economic Association)
- Member of the “Committee for Industrial Organization “ (German Economic Association)
- Continuing education activities: development team member for MBA M&A, MBA Entrepreneurship and Innovation, MBA General Management; MSc Renewable Energy in Eastern Europe; MBA Facility Management

Refereeing

Annals of Operations Research, Annals of the International Society of Dynamic Games, Australian Economic Papers, Bulletin of Economic Research, Chaos, Solitons, and Fractals, Central European Journal of Operations Research, Complexity, Computational Economics, Die Betriebswirtschaft (DBW), Discrete Dynamics in Nature and Society, Economic Modelling, Economics Letters, Ecological Complexity, European Journal of Operational Research, Games and Economic Behavior, IEEE Transactions on Evolutionary Computation, International Journal of Industrial Organization, International Game Theory Review, International Journal of the Economics of Business, Journal of Accounting and Public Policy, Journal für Betriebswirtschaft, Journal of Economic Theory, Journal of Economic Dynamics and Control, Journal of Evolutionary Economics, Journal of the Egyptian Mathematical Society, Journal of Environmental Economics and Management, Journal of Economic Behavior and Organization, Journal of Economics, Journal of Optimization Theory and Applications, Journal of Industry, Competition and Trade, Journal of Institutional and Theoretical Economics, Journal of Modeling in Management, Management Accounting Research, Management Science, Mathematical and Computer Modelling, Mathematics and Computers in Simulation, Manchester School, Managerial and Decision Economics, Pure Mathematics and Applications, Omega, OR Spektrum, Reviewer for the National Science Foundation (NSF), Reviewer for Academic Press, Review of Economic Design, Reviewer for the Netherlands Organization for Scientific Research (NWO), Review of Managerial Science, Schmalenbach Business Review, Small Business Economics: An International Journal, Theoretical Economics Letters, Theory and Decision, The B.E. Journal of Economic Analysis & Policy, Zeitschrift für Betriebswirtschaft

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List of Publications

Working Papers

Social Science Research Network: <http://ssrn.com/author=625365>

Research Papers in Economics: <http://ideas.repec.org/e/pko15.html>

Google Scholar Profile: <http://scholar.google.com/citations?user=RdY9bb8AAAAJ&hl=en>

A1. Papers in English in Refereed Journals

1. Scherrer, W.; M. Deistler; M. Kopel; W. Reitgruber (1991): Solution Sets for Linear Dynamic Error-in-Variables Models, *Statistica Neerlandica* 45, 391-404.
2. Feichtinger, G; M. Kopel (1993): Chaos in nonlinear dynamical systems exemplified by an R&D model, *European Journal of Operational Research* 68, 145-159.
3. Kopel, M. (1996): Periodic and Chaotic Behavior of a Simple R&D Model, *Ricerche Economiche - An International Review of Economics* 50, 235-265.
4. Kopel, M. (1996): Simple and complex adjustment dynamics in Cournot Duopoly Models, *Chaos, Solitons, and Fractals* 7, 2031-2048. Reprinted in: J. B. Rosser, Jr. (Ed. 2004), *Complexity in Economics, Vol I: Methodology, Interacting Agents, and Microeconomic Models*, Edward Elgar.
5. Dawid, H.; M. Kopel; G. Feichtinger (1997): Complex Solutions of Nonconcave Dynamic Optimization Models, *Economic Theory* 9, 427-439.
6. Kopel, M. (1997): Improving the Performance of an Economic System: Controlling Chaos, *Journal of Evolutionary Economics* 7, 269-289.
7. Dawid, H.; M. Kopel (1997): On the economically optimal exploitation of a renewable resource: the case of a convex environment and a convex return function, *Journal of Economic Theory* 76, 272-297.
8. Dawid, H.; M. Kopel (1998): On Economic Applications of the Genetic Algorithm: A Model of the Cobweb Type, *Journal of Evolutionary Economics* 8, 297-315.
9. Kopel, M.; H. Dawid; G. Feichtinger (1998): Periodic and chaotic programs of intertemporal optimization models with non-concave net benefit function, *Journal of Economic Behavior and Organization* 33, 435-447.

10. F. Wirl, M. Kopel, G. Feichtinger; (1999): Threshold advertising rules in a duopoly framework, *Central European Journal of Operations Research* 7, 39-52.
11. Dawid, H., and M. Kopel (1999): On Optimal Cycles in Dynamic Programming Models With Convex Return Function, *Economic Theory* 13, 309-327.
12. Agiza, H.N.; Bischi, G.I.; Kopel, M. (1999): Multistability in a dynamic Cournot game with three oligopolists, *Mathematics and Computers in Simulation* 51, 63-90.
13. Bischi, G.I.; Gardini, L.; Kopel, M. (2000): Analysis of global bifurcations in a market share attraction model, *Journal of Economic Dynamics and Control* 24, 855-879. Reprinted in: J. B. Rosser, Jr. (Ed. 2004), *Complexity in Economics, Vol I: Methodology, Interacting Agents, and Microeconomic Models*, Edward Elgar.
14. Bischi, G.I.; M. Kopel; A. Naimzada (2001): On a Rent-seeking game Described by a Noninvertible Iterated Map With Denominator, *Nonlinear Analysis* 47/8, 5309-5324.
15. Bischi, G.I.; M. Kopel (2001): Equilibrium Selection in a Nonlinear Duopoly Game With Adaptive Expectations, *Journal of Economic Behavior and Organization* 46/1, 73-100.
16. Bischi, G.I.; H. Dawid; M. Kopel (2003): Spillover Effects and the Evolution of Firm Clusters, *Journal of Economic Behavior and Organization* 50, 47-75.
17. Bischi, G.I.; H. Dawid; M. Kopel (2003): Gaining the Competitive Edge Using Internal and External Spillovers: A Dynamic Analysis, *Journal of Economic Dynamics and Control*, 27, 2171-2193.
18. Bischi, G.I.; M. Kopel (2003): Multistability and path dependence in a dynamic brand competition model, *Chaos, Solitons, and Fractals*, 18, 561-576.
19. Bischi, G.I.; M. Kopel (2003): Long run evolution, path dependence and global properties of dynamic games: A tutorial, *Cubo Matemática Educacional*, Vol 5 (3), 437-468.
20. Dawid, H.; M. Kopel (2003): A comparison of exit and voice relationships under common uncertainty, *Journal of Economics and Management Strategy*, Vol. 12 (4), 531-555.
21. Bischi, G.I.; C. Chiarella; M. Kopel (2004): The Long Run Outcomes and Global Dynamics of a Duopoly Game With Misspecified Demand Functions, *International Game Theory Review*, Vol. 6, No. 3, 343-380.
22. G.I. Bischi; M. Kopel; F. Szidarovszky (2005): Expectation-Stock Dynamics in Multi-agent Fisheries, *Annals of Operations Research 137 - Special Issue on Contributions to the Theory of Games*, 299-329.
23. M. Kopel; F. Szidarovszky (2006): Resource Dynamics Under Partial Cooperation in an Oligopoly, *Journal of Optimization Theory and Applications*, 128(2), 393-410.
24. M. Kopel; C. Riegler (2006): R&D in a Strategic Delegation Game Revisited: A Note, *Managerial and Decision Economics*, 27(7), 605-612.

25. Bischi, G.I.; L. Gardini; M. Kopel (2006): Noninvertible maps and complex basin boundaries in dynamic economic models with coexisting attractors, *Chaos and Complexity Letters*, 2(1), 43-76.
26. F. Szidarovszky, K. Okuguchi, M. Kopel (2007): International fishery with several countries, *Pure Mathematics and Applications*, 16(4), 493-514.
27. Kopel, M., F. Westerhoff, and C. Wieland (2008), Regulating complex dynamics in firms and economics systems, *Chaos, Solitons, and Fractals*, 38, 911-919.
28. Kopel, M., C. Löffler (2008): Commitment, first-mover, and second-mover advantage, *Journal of Economics*, 94(2), 143-166.
29. Dawid, H., M. Kopel, T. Dangel (2009): Trash it or sell it - A strategic analysis of the market introduction of product innovations, *International Game Theory Review*, 11(3), 1-24.
30. Dawid, H., M. Kopel, P. Kort (2010), Innovation Threats and Strategic Responses in Oligopoly Markets, *Journal of Economic Behavior and Organization*, 75, 203-222.
31. Dawid, H., M. Kopel, P. Kort (2010), Dynamic Strategic Interaction Between an Innovating and a Non-innovating Incumbent, *Central European Journal of Operations Research*, 18, 453-463.
32. Kopel, M., C. Löffler (2012): Organizational governance, leadership, and the influence of competition, *Journal of Institutional and Theoretical Economics (JITE)*, 168(3), 362-392.
33. Kopel, M. and B. Brand (2012), Socially Responsible Firms and Endogenous Choice of Strategic Incentives, *Economic Modeling*, 29, 982-989.
34. Kopel, M., and L. Lambertini (2013): On price competition with market share delegation contracts, *Managerial and Decision Economics*, 34(1), 40-43.
35. Kopel, M. (2013), Discussion of "Shareholder Value vs. Large Size in the Global Economy", *Schmalenbach Business Review*, 65, 22-26.
36. Dawid, H., M. Kopel, P. Kort (2013), New product introduction and capacity investment by incumbents: effects of size on strategy, *European Journal of Operational Research*, 230, 133-142.
37. Dawid, H., M. Kopel, P. Kort (2013), R&D Competition versus R&D Cooperation in Oligopolistic Markets with Evolving Structure, *International Journal of Industrial Organization*, 31, 527-537.
38. Kopel, M. and M. Marini (2014), Strategic Delegation in Consumer Cooperatives under Mixed Oligopoly, *Journal of Economics*, 113 (3), 275-296.
39. Bischi, G.I., J. Canovas, M. Kopel (2014), Foreword to the special issue on nonlinear economic dynamics, *Decisions in Economics and Finance*, 37(1), 1-2.

40. Bischi, G.I., M. Kopel, F. Szidarovszky (2014), A note on the paper ‘On dynamical multi-team Cournot game in exploitation of a renewable resource’, *Chaos, Solitons, and Fractals*, 62-63, 34–35.
41. Kopel, M. and F. Lamantia, F. Szidarovszky (2014), Evolutionary competition in a mixed market with socially concerned firms, *Journal of Economic Dynamics & Control*, 48, 394–409.
42. Kopel, M. (2015), Price and quantity contracts in a mixed duopoly with a socially concerned firm, *Managerial and Decision Economics* 36(8), 559-566.
43. Dawid, H., M.Y. Keoula, M. Kopel, P. Kort (2015), Product Innovation Incentives by an Incumbent Firm: A Dynamic Analysis, *Journal of Economic Behavior and Organization*, 117, 411-438.
44. Kopel, M. M. Pezzino, A. Ressi (2016), Location Choice and Contract Bargaining, *Managerial and Decision Economics* 37(2), 140-148.
45. Kopel, M., C. Löffler, and T. Pfeiffer (2016), Sourcing Strategies of a Multi-Input-Multi-Product Firm, *Journal of Economic Behavior and Organization*, 127, 30-45.
46. Kopel, M., L. Lambertini, A. Ressi (2017), Capturing Direct and Cross Price Effects in a Differentiated Products Duopoly Model, *Manchester School*, 85(3), 282-294.
47. Kopel, M., C. Löffler, and T. Pfeiffer (2017), Complementary Monopolies and Multi-Product Firms, *Economics Letters*, 157, 28-30.
48. Hinterecker, H., M. Kopel, and A. Ressi (2018), CEO Activism and Supply Chain Interactions, *Annals of Public and Cooperative Economics*, 89(1), 235-250.
49. Kopel, M. and F. Lamantia (2018), The Persistence of Social Strategies Under Increasing Competitive Pressure, *Journal of Economic Dynamics and Control*, 91, 71-83.
50. Kopel, M. and A. Ressi (2019), Vertical Boundaries and Endogenous Intensity of Social Comparison, *Journal of Institutional and Theoretical Economics*, 175(2), 207-227.

A2. Papers in English in Edited Volumes and Proceedings

1. Kopel, M., G.I. Bischi, L. Gardini (2000): On new phenomena in dynamic promotional competition models with homogeneous and quasi-homogeneous firms, in: D. Delli Gatti, M. Gallegati, A.P. Kirman (Eds.), *Interaction and Market Structure – Essays on Heterogeneity in Economics*, Springer, 57-87.
2. Dawid, H. and M. Kopel (2000): Market Takeovers in Medieval Trade. In: E.J. Dockner, R.F. Hartl, M. Luptacik, G. Sorger (Eds.), *Optimization, Dynamics and Economic Analysis*, Essays in Honor of Gustav Feichtinger, 119-134.
3. Bischi, G.I.; M. Kopel (2002): The role of competition, expectations and harvesting costs in commercial fishing, in: *Oligopoly Dynamics – Models and Tools*, T. Puu and I. Sushko (eds.), 85-109, Springer.

4. G.I. Bischi; M. Kopel; F. Szidarovszky (2003): Competition and cooperation in commercial fishing with adaptive expectations, *Proceedings of the Western Decision Science Institute*, 32nd Annual Meeting, April 15-19, 2003, Kauai, Hawaii.
5. Dawid, H.; M. Kopel (2003): A comparison of exit and voice relationships under common uncertainty, 65. Wissenschaftliche Jahrestagung der VHB, 10.-13.6.2003, Zürich (CH).
6. M. Kopel; C. Riegler (2008): Delegation in an R&D Game with Spillovers, in: R. Cellini, L. Lambertini (Eds.), *The Economics of Innovation: Incentives, Cooperation, and R&D policy*, pp. 177-213, Amsterdam, Elsevier.
7. Kopel, M. (2009): Oligopoly Dynamics, in: *Handbook of Research on Complexity*, Chapter 6, Ed. by J.B. Rosser, Jr., Edward Elgar.
8. Kopel, M. and F. Lamantia (2013), Global Bifurcations in a Complementarity Game, in: *Global Analysis of Dynamic Models in Economics and Finance – Essays in Honour of Laura Gardini*, Eds: G.I. Bischi, C. Chiarella, I. Sushko, 83-102.
9. Meiseberg, B., Kopel, M. und Ehrmann, T. (2014), „Effects of Evolutionary Rules on Cooperative Tendencies in Franchising Networks“, In: M. Tuunanen, G. Cliquet, G. Hendrikse, J. Windsperger (Eds.), *New Developments in the Theory of Networks: Franchising, Alliances and Cooperatives*, Berlin: Springer.
10. Kopel, M., M. Pezzino, and B. Brand (2015), Strategic Location Choice, R&D, and Sourcing Strategies, in: *Complexity and Geographical Economics. Topics and Tools*. Eds.: P. Commendatore, S. Kayam, I. Kubin. *Springer Book Series on Dynamic Modeling and Econometrics in Economics and Finance*.
11. Kopel, M., M. Pezzino (2018), Strategic Delegation in Oligopoly, in: *Handbook of Game Theory and Industrial Organization*, Vol. II: Applications, Eds.: Luis C. Corchón and Marco A. Marini, Edward Elgar.
12. Kopel, M., C. Manasakis, and E. Petrakis (2018), Strategic Corporate Social Responsibility by a Local Firm Against a Multinational Enterprise, in: *The Economy as a Complex Spatial System - Macro, Meso and Micro Perspectives*, P. Commendatore, I. Kubin, S. Bougheas, A. Kirman, M. Kopel, G.I. Bischi (Eds.), *Springer Proceedings on Complexity*, 178-191.
13. G.I. Bischi, M. Kopel, F. Lamantia, and D. Radi (2018), Knowledge Spillovers, Congestion Effects, and Long-Run Location Patterns, in: *The Economy as a Complex Spatial System - Macro, Meso and Micro Perspectives*, P. Commendatore, I. Kubin, S. Bougheas, A. Kirman, M. Kopel, G.I. Bischi (Eds.), *Springer Proceedings on Complexity*, 192-215.
14. G.I. Bischi and M. Kopel (2018), Looking Ahead: Part III, in: *The Economy as a Complex Spatial System - Macro, Meso and Micro Perspectives*, P. Commendatore, I. Kubin, S. Bougheas, A. Kirman, M. Kopel, G.I. Bischi (Eds.), *Springer Proceedings on Complexity*, 216-219.

A3. Books in English

1. Bischi, G.I., C. Chiarella, M. Kopel, F. Szidarovszky (2010), *Nonlinear Oligopolies: Stability and Bifurcations*, Springer.

A4. Edited Volumes and Proceedings

1. Dangl, T., M. Kopel, W. Kürsten (Eds.), Special Issue on “Real Options” of the *Zeitschrift für Betriebswirtschaft*, Ergänzungsheft 4/2004.
2. Kopel, M., S. Yousefi, F. Szidarovszky (Eds.), Special Issue on “Dynamic Oligopolies” of the *International Game Theory Review*, Vol. 6, No. 3, Sept. 2004.
3. Bischi, G.I., M. Kopel, A. Matsumoto (Eds.), Special Issue on “Recent Topics in Nonlinear Economic Dynamics” of the *Journal of Economic Behavior and Organization*, Vol. 63, No. 3, 2007.
4. Bischi, G.I., M. Kopel, A. Matsumoto (Eds.), Special Issue on “Nonlinear Economic Dynamics” of *Pure Mathematics and Applications*, Vol. 16, No. 4, 2007.
5. Bischi, G.I., J. Canovas, M. Kopel (Eds.), Special Issue on “Nonlinear Economic Dynamics” of *Decisions in Economics and Finance*, 2013.
6. Kopel, M. and M. Marini (Eds.), Special Issue on “Organization and Governance in Social Economy Enterprises”, *Annals of Public and Cooperative Economics*, 2016.
7. Commendatore, P., I. Kubin, S. Bougheas, A. Kirman, M. Kopel, G.I. Bischi (Eds.), *The Economy as a Complex Spatial System - Macro, Meso and Micro Perspectives*, *Springer Proceedings on Complexity*, 2018.

B1. Papers in German in Refereed Journals

1. Feichtinger, G.; M. Kopel (1994): Nichtlineare dynamische Systeme und Chaos: Neue Impulse für die Betriebswirtschaftslehre? *Zeitschrift für Betriebswirtschaft* 64, 7-34.
2. Kopel, M.; G. Feichtinger (1995): Rationalität und komplexes Verhalten, *Zeitschrift für betriebswirtschaftliche Forschung* 47, 545-557.
3. Kopel, M. (1996): Kontrolliertes Chaos: Ein Ausweg aus der Unternehmenskrise, *Zeitschrift für Betriebswirtschaft* 66, 487-503.
4. Kopel, M.; F. Wirl; Feichtinger, G. (1997): Einfache dynamische Werbestrategien im Kampf um Marktanteile, *Marketing - Zeitschrift für Forschung und Praxis* 19, 221-231.
5. Kopel, M. (1998): Zur verzerrten Performancemessung in Agency-Modellen, *Zeitschrift für betriebswirtschaftliche Forschung*, Juni, Heft 6, 531-550.
6. Kopel, M. (1998): Möglichkeiten und Grenzen der Chaossteuerung in Unternehmen - Replik, *Zeitschrift für Betriebswirtschaft* 68, 423-433.
7. Dawid, H.; M. Kopel (2001): Zur Organisation zwischenbetrieblicher Beziehungen: Sind kurzfristige oder langfristige Vereinbarungen optimal? *Zeitschrift für Betriebswirtschaft*, Ergänzungsheft 4: Theorie der Unternehmung, 51-72.

B2. Papers in German in Edited Volumes and Proceedings

1. Kopel, M. (1994): Chaos und Strukturbildung in einem verhaltensorientierten ökonomischen Model, in: *Chaos und Strukturbildung*, H. Bremer, S. Habermeier, S. Wladarsch (eds.), Faktum, Munich.
2. Kopel, M. (1999): Organisationen als ungleichgewichtige Systeme und Gutenbergs Substitutionsgesetz der Organisation. in: *Die Theorie der Unternehmung in Forschung und Praxis*, H. Albach, E. Eymann, A. Luhmer, M. Steven (Hrsg.), 605-625.
3. Kopel, M. (2001): Stichwort „Asymmetrische Information“, *Management-Lexikon*, R. Bühner (Ed.), Oldenbourg, 362-363.
4. Kopel, M. (2002): Flexible Planung, *Handwörterbuch Unternehmensrechnung und Controlling*, H.-U. Küpper and A. Wagenhofer (Eds.), 4. Auflage, Sp. 577-585, Schäffer-Poeschel. Revised and updated version to appear in: *Wirtschafts-Lexikon. Das Wissen der Betriebswirtschaftslehre*.
5. Dangl, T.; M. Kopel (2003): Die Bedeutung vollständiger Finanzmärkte für die Anwendung des Realloptionsansatzes, in: *Reale Optionen – Konzepte, Praxis und Perspektiven strategischer Unternehmensfinanzierung*, U. Hommel; M. Scholich, P. Baecker (Hrsg.), Kap. 3, 37-62, Springer.
6. Dangl, T; M. Kopel (2004): Risikomanagement im Kontext wertorientierter und strategischer Unternehmensführung, in: *Handbuch der österreichischen Energiewirtschaft*, E. Nowotny, Ch. Parak, R.F. Scheucher (Hrsg.), 427-442.
7. Dangl, T; M. Kopel (2004): Instrumente eines wertorientierten Risikomanagements, in: *Handbuch der österreichischen Energiewirtschaft*, E. Nowotny, Ch. Parak, R.F. Scheucher (Hrsg.), 443-458.
8. Kopel, M.; Riegler, C. (2006): Performance-Messung in F&E, in: R. Bertl, K.-H. Leitner und C. Riegler (Hrsg.), *Forschung und Entwicklung: Steuerung, Berichterstattung, Prüfung*, Linde Verlag Wien, 85-105.

B3. Books in German

1. Hollnsteiner, K; M. Kopel (1998): *Übungsbuch zur betriebswirtschaftlichen Optimierung*, 2. Auflage, Oldenbourg, [Quantitative Methods in Management Science].
2. Kopel, M. (1994): *Komplexe Unternehmensdynamik. Chaotische dynamische Systeme in der Betriebswirtschaftslehre*, Deutscher Universitätsverlag, [Chaotic Dynamical Systems and Applications in Management Science].