

HANNU J. NURMI: Scholarly Publications

BOOKS AND MAJOR MONOGRAPHS:

1. *Causality and Complexity: Some Problems of Causal Analysis in the Social Sciences*, Turku:Publications of the University of Turku, ser.B:131, 1974.
2. *Rationality and Public Goods: Essays in Analytic Political Theory*, Helsinki: Societas Scientiarum Fennica: Commentationes Scientiarum Socialium, Fasc.9, 1977.
3. *An Introduction to Decision and Game Theory*, Helsinki: Gaudeamus, 1978 (in Finnish).
4. *Comparing Voting Systems*, Dordrecht:D.Reidel 1987.
5. *Group Decision and Rank Ordering* (with Bengt Höglund, Jan-Erik Lane and Sven Berg), Stockholm: Forskningsrådsnämnden, 1991 (in Swedish).
6. *Rational Behaviour and the Design of Institutions: Concepts, Theories and Models*, Cheltenham: Edward Elgar, 1998.
7. *Voting Paradoxes and How to Deal with Them*, Berlin-Heidelberg-New York: Springer-Verlag 1999.
8. *Voting Procedures under Uncertainty*, Berlin-Heidelberg-New York: Springer-Verlag 2002.
9. *In Search for the Will of the People* (with Per Molander), Stockholm: SNS Förlag 2003 (in Swedish).
10. *Models of Political Economy*, London and New York: Routledge 2006.
11. *Monotonicity Failures Afflicting Procedures for Electing a Single Candidate* (with Dan S. Felsenthal), Cham: Springer International Publishing, 2017. DOI 10.1007/978-3-319-51061-3
12. *Voting Procedures for Electing a Single Candidate. Proving Their (In)Vulnerability to Various Voting Paradoxes* (with Dan S. Felsenthal), Cham: Springer International Publishing, 2018. DOI 10.1007/978-3-319-74033-1
13. *Voting Procedures Under a Restricted Domain. An Examination of the (In)Vulnerability of 20 Voting Procedures to Five Main Paradoxes* (with Dan S. Felsenthal), Cham: Springer Nature Switzerland, 2019. DOI 10.1007/978-3-030-12627-8

14. *Systems, Procedures and Voting Rules in Context: A Primer for Voting Rule Selection*(with Adiel Teixeira de Almeida and Danielle Costa Morais), Cham: Springer Nature Switzerland, 2019. DOI 10.1007/978-3-030-30955-8

EDITORIAL ACTIVITIES:

1. 1976-77, Editor of *Politiikka*
2. 1984, Editor of *Politiikka*
3. 1988 Editor (together with D.Anckar and M.Wiberg), *Rationality and Legitimacy: Essays on Political Theory*, Helsinki: The Finnish Political Science Association.
4. 1996, Editor (together with Sven Berg) of special issue "Group Decision Quality and Social Choice Theory" of *Group Decision and Negotiation*, Volume 5, No.3.
5. 1997 Editor (together with J. Kacprzyk and M. Fedrizzi), *Consensus under Fuzziness*, Boston-London-Dordrecht: Kluwer.
6. 2011 Editor (together with E. Herrera-Viedma, J. L. García-Lapresta, M. Fedrizzi, J. Kacprzyk and S. Zadrozny), *Consensual Processes*, Berlin-Heidelberg-New York: Springer Verlag.
7. 2013 Editor (together with Manfred J. Holler) of *Power, Voting, and Voting Power: 30 Years After*, Berlin-Heidelberg: Springer Verlag.
8. 2014 Editor (together with Tapio Raunio) of *The Serious Game of Politics. Festschrift for Matti Wiberg*, Helsinki: Finnish Political Science Association.

ARTICLES IN REFEREED SCHOLARLY OUTLETS:

1. On the Concept of Complexity and Its Relationships to the Methodology of Policy-Oriented Research, *Social Science Information*, no.1, 1974.
2. Social Causality and Empirical Data-Reduction Techniques, *Quality and Quantity*, No.2, 1974.
3. Crisis in Statistical Causal Analysis, *Political Methodology*, 1975, 331-350.
4. Nature and Criteria of Systems Models in the Social Sciences, *Journal of Cybernetics* 5, 1975, 35-50.

5. Ways out of the Prisoner's Dilemma, *Quality and Quantity* 11, 1977, 135-165.
6. On the Strategies of Cybernetic Model-Building, *Kybernetes* 7, 1978, 13-18.
7. Majority Rule: Second Thoughts and Refutations, *Quality and Quantity* 14, 1980, 743-765.
8. Game Theory and Power Indices, *Zeitschrift für Nationalökonomie* 40, 1980, 35-58.
9. A Fuzzy Solution to a Majority Voting Game, *International Journal of Fuzzy Sets and Systems* 5, 1981, 187-198.
10. Approaches to Collective Decision Making with Fuzzy Preference Relations, *Fuzzy Sets and Systems* 6, 1981, 249-259.
11. On the Properties of Voting Systems, *Scandinavian Political Studies* 4, 1981, 19-32.
12. Voting Procedures: A Summary Analysis, *British Journal of Political Science* 13, 1983, 181-208.
13. The F-Twist and the Evaluation of Political Institutions, *Zeitschrift für Wirtschafts- und Sozialwissenschaften* 103, 143-159.
14. Imprecise Notions in Individual and Group Decision Theory, *Stochastica* VI, 1982, 283-303.
15. On Riker's Theory of Political Succession, *Scandinavian Political Studies* 6, 1983, 177-194.
16. Taking on Superior Beings: Professor Brams' Game-Theoretic Theology, *Inquiry*, 1984, 159-166.
17. Probabilistic Voting, *Political Methodology* 10, 1984, 81-95.
18. Social Choice Theory and Democracy, *European Journal of Political Research* 12, 1984, 325-333.
19. On the Strategic Properties of Some Modern Methods of Group Decision Making, *Behavioral Science* 29, 1984, 248-257.
20. Some Properties of the Lehrer-Wagner Method for Reaching Rational Consensus, *Synthese* 62, 1985, 13-24.
21. On Apportionment and Proportional Representation, *Political Studies* XXXIII, 1985, 113-121.

22. Problems of Finding Optimal Voting and Representation Systems, *European Journal of Operational Research* 24, 1986, 91-98.
23. Computer Simulations of Approval and Plurality Voting (with Y.Uusi-Heikkilä), *European Journal of Political Economy* 2, 1986, 47-59.
24. Mathematical Models of Elections and Their Relevance for Institutional Design, *Electoral Studies* 5, 1986, 167-181.
25. A Game-Theoretic Approach to Political Characteristics of East-West Trade (with U.Kivikari), *Cooperation and Conflict XXI*, 1986, 54-78.
26. Discrepancies in the Outcomes Resulting from Different Voting Schemes, *Theory and Decision* 25, 1988, 193-208.
27. Making Choices in the Old-Fashioned Way, (with S.Berg) *Economia delle scelte pubbliche* 2, 1988, 95-113.
28. Computational Approaches to Bargaining and Choice, *Journal of Theoretical Politics* 1, 1989, 407-426.
29. Probability Models in Constitutional Choice, *European Journal of Political Economy* 6, 1990, 107-117.
30. A Cryptographic Approach to the Secret Ballot, (with A. Salomaa) *Behavioral Science* 36, 1991, 34-40.
31. On Fuzzy Tournaments and Their Solution Concepts in Group Decision Making (with J. Kacprzyk), *European Journal of Operational Research* 51, 1991, 223-232.
32. Secret Ballot Elections in Computer Networks, (with A.Salomaa and L.Santean), *Computers & Security* 10, 1991, 553-560.
33. Preferences, Choices, Tournaments: Alternative Foundations for the Evaluation of Voting Schemes, *Quality & Quantity* 25, 1991, 393-405.
34. An Assessment of Voting System Simulations, *Public Choice* 73, 1992, 459-487.
35. Secret Ballot Elections and Public-Key Cryptosystems, (with A. Salomaa), *European Journal of Political Economy* 8, 1992, 295-303.
36. Cryptographic Protocols for Vickrey Auctions, (with A. Salomaa), *Group Decision and Negotiation* 2, 1993, 363- 373.
37. Cancellation and Reassignment of Votes in Secret Ballot Elections, (with A. Salomaa), *European Journal of Political Economy* 9, 1993, 427-435.

38. The Distribution of A Priori Voting Power in the EC Council of Ministers and the European Parliament, (with K. Herne), *Scandinavian Political Studies* 16, 1993, 269-284.
39. Problems in the Theory of Institutional Design, *Journal of Theoretical Politics* 5, 1993, 523-540.
40. Consensus Degrees under Fuzzy Majorities and Fuzzy Preferences Using OWA (Ordered Weighted Average) Operators, (with M. Fedrizzi and J.Kacprzyk), *Control and Cybernetics* 22, 1993, 77-86.
41. Conducting Secret Ballot Elections in Computer Networks: Problems and Solutions, (with A. Salomaa), *Annals of Operations Research* 51, 1994, 185-194.
42. On the Difficulty of Making Social Choices, *Theory and Decision* 38, 1995, 99-119.
43. How Different Are Social Choice Functions: A Rough Sets Approach, (with M. Fedrizzi and J. Kacprzyk) *Quality and Quantity* 30, 1996, 87-99.
44. Probabilistic, Fuzzy and Rough Concepts in Social Choice, (with J. Kacprzyk and M. Fedrizzi) *European Journal of Operational Research* 95, 1996, 264-277.
45. It's Not Just the Lack of Monotonicity, *Representation* 34, 1997, 48-52.
46. Referendum Design: An Exercise in Applied Social Choice Theory, *Scandinavian Political Studies* 20, 1997, 33-52.
47. The Representation of Voter Groups in the European Parliament: a Penrose-Banzhaf Index Analysis, *Electoral Studies* 16, 1997, 317-327.
48. Compound Majority Paradoxes and Proportional Representation, *European Journal of Political Economy* 13, 1997, 443-454.
49. On Power Indices and Minimal Winning Coalitions, *Control and Cybernetics* 26, 1997, 609-611.
50. Voting Paradoxes and Referenda, *Social Choice and Welfare* 15, 1998, 333-350.
51. A Note on Rough Sets and Common Knowledge Events, (with H. Salonen), *European Journal of Operational Research* 112, 1999, 692-695.
52. A Comparative Overview of Cryptographic Voting Protocols, (with A. Salomaa), *Annals of Operations Research* 84, 1998, 29-43.

53. A Priori Power Measures and the Institutions of the European Union, (with T. Meskanen), *European Journal of Political Research* 35, 1999, 161-179.
54. Voting Paradoxes and MCDM, (with T. Meskanen), *Group Decision and Negotiation*, 2000, 297-313.
55. Game-Theoretical Approaches to the EU Institutions: An Overview and Evaluation, *Homo Oeconomicus XVI*, 2000, 363-389.
56. Calculus of Consent in the EU Council of Ministers, (with T. Meskanen and A. Pajala), *Homo Oeconomicus XVII(1/2)*, 2000, 85-106.
57. The 1999 Parliamentary Elections in Finland, (with L. Nurmi), *Electoral Studies* 20, 2001, 147-157.
58. Resolving Group Choice Paradoxes Using Probabilistic and Fuzzy Concepts, *Group Decision and Negotiation* 10, 2001, 177-198.
59. The 2000 Presidential Elections in Finland, (with L. Nurmi), *Electoral Studies* 21, 2002, 473-479.
60. Measuring Disagreement in Group Choice Settings, pp. 313-331 in M.J. Holler, H. Kliemt, D. Schmidtchen and M. E. Streit (eds), *Power and Fairness. Jahrbuch für Neue Politische ökonomie, Band 20*, Tübingen: Mohr Siebeck 2002.
61. Which Decision Rule for the Future Council?, (with M.O. Hosli) *European Union Politics* 4, 2003, 37-50.
62. The parliamentary election in Finland, March 2003, (with L. Nurmi), *Electoral Studies* 23, 2004, 557-565.
63. Monotonicity and Its Cognates in the Theory of Choice, *Public Choice* 121, 2004, 25-49.
64. Assessing Contestability of Electoral Outcomes: An Illustration of Saari's Geometry of Elections in the Light of 2001 British Parliamentary Elections, (with Maria Suojanen), *Quality & Quantity* 38, 2004, 719-733.
65. A Comparison of Some Distance-Based Choice Rules in Ranking Environments, *Theory and Decision* 57, 2004, 5-24.
66. A Responsive Voting System, *Economics of Governance* 6, 2005, 63-74.
67. Power, Outcomes and Preferences, (with Manfred J. Holler) *Jahrbücher für Nationalökonomie und Statistik* 225, 2005, 181-191.

68. Aggregation Problems in Policy Evaluation: An Overview, *European Journal of Political Economy* 21, 2005, 287-300.
69. Political Representation: Perspective from Fuzzy Systems Theory, (with Janusz Kacprzyk) *New Mathematics and Natural Computation* 3, 2007, 153-163.
70. Fuzzy Sets in Political Science: An Overview, (with Janusz Kacprzyk) *New Mathematics and Natural Computation* 3, 2007, 281-299.
71. The Parliamentary Election in Finland, March 2007 (with Lasse Nurmi), *Electoral Studies* 26, 797-803.
72. The Best Represented Voters in Europe: An a Priori Voting Power Analysis of the 2004 Elections for the European Parliament (with Juha Helin and Tapio Raunio), *Homo Oeconomicus* 24 (3-4), 2007, 485-500.
73. Fuzzy Social Choice: A Selective Retrospect, *Soft Computing* 12, 2008, 281-288.
74. A Method for Finding Patterns of Party Support and Electoral Change: An Analysis of British General and Finnish Municipal Elections (with Fuad Aleskerov), *Mathematical and Computer Modelling* 48, 2008, 1385-1395.
75. More on Borda Count Variations for Project Assessment (with Hannu Salonen), *AUCO – Czech Economic Review* 1, 2008, 109-122.
76. Voting Weights or Agenda Control: Which One Really Matters? *AUCO-Czech Economic Review* 4, 2010, 5-17.
77. Measurement of Power, Probabilities, and Alternative Models of Man (with Manfred J. Holler), *Quality and Quantity* 44, 2010, 833-847.
78. The Parliamentary Election in Finland, April 2011 (with Lasse Nurmi) *Electoral Studies* 31, 2012, 234-238.
79. Some Remarks on the Concept of Proportionality, *Annals of Operations Research* 215, 2014, 231-244. DOI: 10.1007/s10479-012-1252-9.
80. Power Sharing in Politics (with Manfred J. Holler), *International Game Theory Review* 15, 2013, 1340013-1 –1340013-13.
81. Are We Done with Preference Rankings? If We Are, then What?, *Operations Research and Decisions* 24, 2014, 63 – 74. DOI: 10.5277/ord40405.
82. The Parliamentary Election in Finland, April 19, 2015 (with Lasse Nurmi), *Electoral Studies* 40, 2015, 433 – 438.
<http://dx.doi.org/10.1016/j.electstud.2015.07.001>

83. Two Types of Participation Failure under Nine Voting Methods in Variable Electorates (with Dan S. Felsenthal), *Public Choice* 168(1), 2016, 115-135, DOI 10.1007/s.11127-016-0352-5
84. Reflections on the Significance of Misrepresenting Preferences, pp. 149 - 161 in N. T. Ngyuen, R. Kowalczyk and J. Mercik (eds), *Transactions on Computational Collective Intelligence XXIII*, Berlin-Heidelberg: Springer Verlag 2016.
85. On Types of Responsiveness in the Theory of Voting (with Manfred J. Holler), *Operations Research and Decisions* 26, 2016, 87 - 106, DOI 10.5277/ord1602060
86. Reason vs. Rationality, (with J. Kacprzyk and S. Zadróznny) pp. 28 - 39 in N. T. Ngyuen, R. Kowalczyk and J. Mercik (eds), *Transactions on Computational Collective Intelligence XXVII*, Berlin-Heidelberg: Springer Verlag 2017.
87. Reforming Democracy: Comment on "Proposals for a Democracy of the Future" by Bruno Frey, *Homo Oeconomicus*, DOI 10.1007/s.41412-017-0043-6, <http://rdcu.be/rsu8>
88. Monotonicity Violations by Borda's Elimination and Nanson's Rules: A Comparison (with Dan S. Felsenthal), *Group Decision and Negotiation* 27, 2018, 637 - 664.
89. Reflections of Two Old Condorcet Extensions, pp. 9-21 in *Transactions on Computational Collective Intelligence XXXI*, Switzerland: Springer 2018.
90. Voting Theory: *Cui bono?*, *Politeia* 91, 2018, 106 - 121, DOI: 10.30570/2078-5089-2018-91-4-106-121.
91. The No-Show Paradox Under a Restricted Domain (with Dan S. Felsenthal), *Homo Oeconomicus* 35, 2019, 277 - 293. DOI 10.1007/s41412-018-00079-w
92. Electoral Reform and Social Choice Theory: Piecemeal Engineering and Selective Memory, pp. 63-73 in *Transactions on Computational Collective Intelligence XXXIV*, Switzerland: Springer 2019. DOI: 10.1007/978-3-662-60555-4-5
93. The Incidence of Some Voting Paradoxes Under Domain Restrictions, *Group Decision and Negotiation*, 2020, DOI: 1007/s10726-020-09697-9, <https://rdcu.be/b6j2Z>

94. Pairwise Voting Rules in Restricted Domains: The Disappearance and Persistence of Some Monotonicity Paradoxes, pp. 38 – 51 in *Transaction of Computational Collective Intelligence XXXV*, Berlin: Springer 2020, DOI: 100.7/978-3-662-66245-2-3.

SCIENTIFIC PUBLICATIONS IN NON-REFEREED OUTLETS:

1. Poliittinen uudenaikaistuminen: muutamien viitekehysten vertailua, *Politiikka XII*, 1970, 47-66.
2. Selittämisestä, ymmärtämisestä ja politiikan tutkimuksen tavoitteista, *Politiikka XIII*, 1971, 1-9.
3. Muuttujien välisten yhteyksien asymmetrian tarkastelusta relaatioiden lineaarisuusoletuksesta lähtien, *Turun Yliopiston valtio-opin laitoksen tutkimuksia*, C:17, 1971.
4. Automaattien teorian statuksesta politiikan tutkimuksessa, *Turun Yliopiston valtio-opin laitoksen tutkimuksia*, C: 19, 1971.
5. Vertailevan politiikan tutkimuksen metodologisista valinnoista, *Politiikka XIV*, 1972, 3-32.
6. Sosiaalitieteellisen tutkimuksen hyödyntämisen filosofisia ongelmia, *Politiikka XVI*, 1974, 5-19.
7. On Synthetizing Research Stemming from Different Methodological Ground Positions, *Institute of Political Science, University of Turku*, Research Report Series D: 2, 1974.
8. Mallin käsitteestä ja mallin hyvyyden kriteereistä, *Turun yliopiston yhteiskuntatieteiden metodiikan monistesarja 9*, 1974.
9. Problem och tyngdpunkter i empirisk kausalanalys, *Finsk Tidskrift 1/1975*, 1975, 25-32.
10. Some Lessons from the Study of Biological Systems for the Modelling of Social Systems, in *Progress in Cybernetics and Systems Research*, vol. I, Washington, D.C.: Hemisphere Publishing Corporation, 1975.
11. Poliittisten instituutioiden talousteorioista, in V. Helander (ed.), *Politiikan tutkimuksen näkökulmia*, Turku: Turun Yliopiston julkaisuja sarja C: 20, 1978.
12. On the Economic Theories of Political Institutions, *Munich Social Science Review 4*, 1978, 7-24.

13. On Fuzzy Games, in *Progress in Cybernetics and Systems Research*, vol.IV, 1978.
14. Power and Support, *Munich Social Science Review* 4, 1978, 5-24.
15. Public Goods and the Analytic Theory of State, in P. Birnbaum, J. Lively and G. Parry (eds), *Democracy, Consensus & Social Contract*, London and Beverly Hills: SAGE Publications 1978.
16. Katastrofiteoriasta, in H. Frey and P. Malaska eds, *Tulevaisuus vedenjakajalla*, Turku 1978.
17. Äänestysparadokseista ja kollektiivisesta päätöksenteosta, *Tieteenfilosofian seminaari, Turun kauppakorkeakoulun julkaisuja A: 6*, 1979.
18. Modelling Uncertainty in Political Decision Making, in P. Whiteley (ed.), *Models of Political Economy*, London:Sage 1980.
19. E pluribus unum: äänestysmenettelyn valinnan ongelmia, *Politiikka XXIII*, 1981, 410-437.
20. Aatelismiehiä kansanvallan asialla, in T. Toivonen (ed.), *Yhteiskuntatieteiden kentältä*, Turku: Turun yliopiston julkaisuja C: 34, 1982.
21. Measuring Power, in M.J.Holler (ed.), *Power, Voting, and Voting Power*, Würzburg-Wien:Physica Verlag 1982.
22. The Problem of the Right Distribution of Voting Power, in M.J.Holler (ed.) *Power, Voting, and Voting Power* Würzburg-Wien:Physica Verlag 1982.
23. Probability and Fuzziness: Some Methodological Considerations, in L.Sjöberg *et al.* (eds.), *Human Decision Making*, Lund:Doxa, 1983.
24. Past Masters and Their Modern Followers, in I.Heiskanen and S. Hänninen (eds.), *Exploring the Basis of Politics*, Tampere:Finnpublishers, 1983.
25. Toimiiko kanslerinvaalin äänestysmenettely?, *Yliopisto 37*, 1983.
26. Valtio-oppi 1600-luvun Turun Akatemiassa, in J.Nousiainen and D. Anckar eds, *Valtio ja yhteiskunta*, Helsinki: WSOY 1983.
27. On Taking Preferences Seriously, in D.Anckar and E.Berndtson (eds.), *Essays on Democratic Theory*, Tampere: Finnpublishers, 1984.
28. Observations on the Finnish Electoral System (with E. Lagerspetz), in D. Anckar and E. Berndtson (eds.), *Essays on Democratic Theory*, Tampere: Finnpublishers, 1984.

29. Problems of Voting Procedure, in *Academia Scientiarum Fennica: Yearbook 1984-1985*, 183-189.
30. Michael Olai Wexionius and the 17th Century European Political Thought, in V.Harle (ed.), *Essays in Peace Studies*, Aldershot: Avebury, 1987.
31. Political Succession as Policy Succession: Why So Much Stability?, in P.Calvert (ed.), *The Process of Political Succession*, London: Macmillan 1987.
32. James M. Buchanan - julkisen valinnan teoreetikko, *Kansantaloudellinen aikakauskirja LXXXIII*, 1987, 82-86.
33. W poszukiwaniu teorii rozstrzygania konfliktow, *Projektowanie i Systemy IX*, 1987, 19-38.
34. Inferential Modes in Applying Social Choice Theory, in B. R. Munier and M.F. Shakun (eds.), *Compromise, Negotiation and Group Decision*, Dordrecht: D.Reidel 1988.
35. Assumptions of Individual Preferences in the Theory of Voting Procedures, in J.Kacprzyk and M.Roubens (eds.), *Non-Conventional Preference Relations in Decision Making*, Berlin: Springer-Verlag 1988.
36. Banks, Borda and Copeland: A Comparison of Some Solution Concepts in Finite Voting Games, in D.Sainsbury (ed.), *Democracy, State and Justice: Critical Perspectives and New Interpretations*, Stockholm: Almqvist & Wiksell International 1988.
37. Rational Consensus Models: Some Comparative Remarks, *Complex Control Systems 5*, 1988, 3-8.
38. On Rationality and Legitimacy of Voting Procedures, in D. Anckar, H.Nurmi & M.Wiberg (eds.), *Rationality and Legitimacy: Essays on Political Theory*, Helsinki: The Finnish Political Science Association 1988.
39. Vaalijärjestelmien teoreettisesta tutkimuksesta, *Politiikka XXX*, 1988.
40. Maurice Allais'n päätöksentekotutkimuksesta, *Kansantaloudellinen aikakauskirja LXXXIV*, 1988, 434-438.
41. Mitä yhteiskuntatieteissä voi ennustaa?, in R. Lehti, T. Markkanen and J. Rydman (eds), *Isaac Newton - jättiläisen hartioilla*, Helsinki: URSA 1988.
42. Sota ja rauha 1500- ja 1600-lukujen yhteiskuntateorioissa, *Rauhan tutkimus 2/1988*, 1988, 11-18.

43. On Nanson's Method, in J.Paastela (ed.), *Democracy in the Modern World*, Tampere: Acta Universitatis Tamperensis ser A, vol 260, 1989.
44. Linguistic Quantifiers and Fuzzy Majorities for More Realistic and Human-Consistent Group Decision Models, (with J. Kacprzyk) in G. W. Evans, W. Karwowski and M. R. Wilhelm (eds.), *Applications of Fuzzy Set Methodologies in Industrial Engineering*, Amsterdam: Elsevier 1989.
45. Arvoristiriitojen ratkaisusta äänestysmenettelyjä käyttäen, in P. Malaska, I. Kantola and P. Kasanen (eds), *Energiapolitiikan arvoristiriidat*, Turun kauppakorkeakoulun julkaisuja A -1, 1989.
46. Oveluutta kansan edun nimissä: katsaus esityslistan manipulointiin ja strategiseen äänestämiseen, in M. Wiberg (ed.), *Esseitä politiikan päiväjärjestyksestä*, Turun yliopisto: Valtio-oppi, tutkimustiedotteita 10, 1989.
47. A Theoretical Review of the Finnish Parliamentary and Presidential System, in J.Sundberg and S.Berglund (eds.), *Finnish Democracy*, Helsinki: The Finnish Political Science Association 1990.
48. Computer Simulation of Voting Systems, in K.Borcherding, O.Larichev and D.Messick (eds.), *Contemporary Issues in Decision Making*, Amsterdam: North-Holland 1990.
49. Vague Notions in the Theory of Voting, (with M. Fedrizzi and J.Kacprzyk) in J.Kacprzyk and M.Fedrizzi (eds.), *Multiperson Decision Making using Fuzzy Sets and Possibility Theory*, Dordrecht: Kluwer Academic Publishers 1990.
50. Fuzzy Logic with Linguistic Quantifiers in Group Decision Making and Consensus Formation, (with J.Kacprzyk and M. Fedrizzi) in R.Kulikowski and J.Kacprzyk (eds), *Badania Systemowe*, Tom 3, Warszawa: Omnitech Press 1990.
51. Riskinotto ilman empiriaa eli päätöksenteon perusongelmia suurissa teknologiahankkeissa, in M. Ojanperä (ed.), *Sireenien ulvonnasta seireenien lauluun: antologia modernin yhteiskunnan riskeistä*, IVO-viestintäpalvelut 1990.
52. Muutos ja kausaliteetti, in I. Halonen and H. Häyry (eds), *Muutos*, Helsinki: Suomen Filosofinen yhdistys 1990.
53. Understanding Institutions through Theoretical Models, in M. Wiberg (ed.), *The Political Life of Institutions: Scripta in honorem professoris Jaakko Nousiainen sexagesimum annum complentis*, Helsinki: The Finnish Political Science Association 1991.

54. Salaiset vaalit ja matemaattinen kryptografia, (with A. Salomaa), *Politiikka XXXIII*, 1991, 11-18.
55. Arguments for Voting Systems, in J. Pietarinen (ed.), *Problems of Philosophical Argumentation: II Special Arguments*, Turku: Reports from the Department of Practical Philosophy, vol. 5, 1992.
56. Group Decision Making and Consensus under Fuzzy Preferences, (with J. Kacprzyk and M. Fedrizzi), *Fuzzy Sets and Systems 49*, 1992, 21-31.
57. Apriorisen äänestysvallan jakautuminen Euroopan Yhteisön ministerineuvostossa, *Politiikka XXXIV*, 1992, 118-128.
58. Tietokonevaalit ja Tengvallin credo, *Politiikka XXXIV*, 1992, 199-201.
59. Designing Viable Political Institutions: Perspectives from Social Choice Theory, in J.W. Owsinski, J.Stefanski and A.Straszak (eds.), *Transition to Advanced Market Economies: Strategic Options, Modelling Approaches and Operational Research Perspectives*, Warszawa: Association of Polish Operational Research Societies 1992.
60. Some Lessons from Social Choice Theory to Constitutional Design, in D. Anckar and K.Jurgaitiene (eds.), *Democracy in Theory and Practice: Lectures and Presentations*, Åbo: Åbo Akademi Press 1993.
61. Cryptographic Protocols for Auctions and Bargaining, in J. Karhumäki, H. Maurer and G.Rozenberg (eds.), *Results and Trends in Theoretical Computer Science. Colloquium in Honor of Arto Salomaa*, Berlin: Springer-Verlag 1994 (Lecture Notes in Computer Science 812).
62. The Nearly Perfect Auctioneer, (with A.Salomaa) in S.Rios (ed.), *Decision Theory and Decision Analysis: Trends and Challenges*, Boston-Dordrecht-London: Kluwer 1994.
63. On Cryptographic Auctions, in R.Kulikowski, K. Szkatula and J. Kacprzyk (eds.), *Proceedings of 9th Polish-Italian and 5th Polish-Finnish Symposium on Systems Analysis and Decision Support in Economics and Technology*, Warszawa: Omnitech Press 1994.
64. Kyllä kansa tietää, *Politiikka XXXVI*, 1994, 167-176.
65. Kakunjaon ongelma, in A. Kovalainen and J. Ikonen (eds), *Tieteen boheemi - boheemin tiede*, Turku: Turun kauppakorkeakoulun julkaisuja, Keskusteluja ja raportteja 6, 1994.
66. EU-kansanäänestys ja sosiaalisen valinnan teoria, *Kanava 1*, 1994, 36-38.

67. Tutkimuksen laatu ratkaiskoon!, in M. Wiberg (ed.), *Yliopisto uusiksi!*, Helsinki: Gaudeamus 1995.
68. Voting as a Game of Strategy, in M. Wiberg (ed.), *Multidisciplinary Views on Strategic Interactions*, Turku: Studies of Political Science n:o 14, Department of Political Science, University of Turku 1996.
69. Special Issue: Group Decision Quality and Social Choice Theory, Editorial, (with S. Berg) *Group Decision and Negotiation* 5, 1996, 207-209.
70. Yhdistetyt enemmistöt, Simpsonin paradoksi ja demokratia, in M. Wiberg (ed.), *Politiikan moninaisuus*, Turku: Turun yliopiston julkaisu C: 118, 1996.
71. “Soft” Degrees of Consensus under Fuzzy Preferences and Fuzzy Majorities, (with J. Kacprzyk and M. Fedrizzi), in J. Kacprzyk, H. Nurmi and M. Fedrizzi (eds.), *Consensus under Fuzziness*, Boston-London-Dordrecht: Kluwer 1997.
72. OWA Operators in Group Decision Making and Consensus Reaching under Fuzzy Preferences and Fuzzy Majority, (with J. Kacprzyk and M. Fedrizzi), in R.R. Yager and J. Kacprzyk (eds.), *The Ordered Weighted Averaging Operators: Theory and Applications*, Boston-London-Dordrecht: Kluwer 1997.
73. Kolme lähestymistapaa Euroopan Unionin instituutioiden tutkimiseen, in T. Raunio and M. Wiberg eds, *Päätöksenteko Euroopan Unionissa*, Helsinki: Gaudeamus 1998.
74. Group Decision Making Under Fuzziness, (with J. Kacprzyk) in R. Slowinski, ed., *Fuzzy Sets in Decision Analysis, Operations Research and Statistics*, Boston-Dordrecht-London: Kluwer 1998.
75. Calculus of Consent in the EU Council of Ministers, (with T. Meskanen and A. Pajala), pp. 291-313 in M. J. Holler and G. Owen (eds), *Power Indices and Coalitions Formation*, Boston-Dordrecht-London: Kluwer 2001.
76. Group Decision Making and a Measure of Consensus under Fuzzy Preferences and a Fuzzy Linguistic Majority, (with J. Kacprzyk and M. Fedrizzi) in L. A. Zadeh and J. Kacprzyk (eds), *Computing with Words in Information/Intelligent Systems 2*, Heidelberg-New York: Physica-Verlag 1999.
77. Schwartz’ Paradox Is a Variant of No-Show Paradox, in E. Fühle, ed., *Proceedings of the Symposium Clinical Trials, Games or Power? in Honour of Professor Sven Berg and Professor Jan Lanke*, Lund: Department of Statistics, University of Lund 1999.

78. Causality in Comparative Research, in L. Karvonen and K. Ståhlberg (eds), *Festschrift for Dag Anckar on His 60th Birthday on February 12, 2000*, Åbo: Åbo Akademi University Press 2000.
79. Majority Rule and Stability: Where Do We Stand Now? in S. S. Nagel, ed., *Handbook of Global Political Policy*, New York - Basel: Marcel Dekker 2000.
80. Social Choice and Fuzziness: A Perspective, (with J. Kacprzyk) in J. Fodor, B. De Baets and P. Perny (eds), *Preferences and Decisions under Incomplete Knowledge*, Heidelberg - New York: Physica-Verlag 2000.
81. Rationaalisen valinnan teorian oikeasta ja väärästä kritiikistä, pp. 411-427 in P. Kettunen, A. Kultanen and T. Soikkanen, eds, *Jäljillä. Kirjoituksia historian ongelmista*. Turku: Kirja-Aurora 2000.
82. Comments to Jones: The Ambiguity of Proportional Representation, *Finnish Yearbook of Political Thought 2000*, 42-49.
83. Decision Rules in the Council, *Robert Schuman Centre for Advanced Studies, European University Institute, Working Paper*, December 2001.
84. Kansan todennäköinen tahto, pp. 105-109 in V. Launis and M. Oksanen eds, *Viisauden ystävyys*, Turku: Turun yliopiston filosofian laitos 2002.
85. Decision Rules and Voting Weights in the Council of Ministers: Remarks on the Relevance of A Priori Power Measures, pp. 231-243 in U. Vesa, ed., *Studying the World and Changing It. Festschrift for Jyrki Käkönen*, Tampere: Tampere Peace Research Institute 2003.
86. Kansanvallan arvoista ja arvojen ristiriidoista, pp. 355-371 in V. Kanniainen and M. Sintonen, eds, *Etiikka ja talous*, Helsinki: WSOY 2003.
87. Decision Making in Committees: An Introductory Overview, pp. 47-63 in J. Kacprzyk and D. Wagner eds, *Group Decisions and Voting*, Warszawa: Systems Research Institute of the Polish Academy of Sciences 2003.
88. Patterns of Party Competition in British General and Finnish Municipal Elections, (with F. T. Aleskerov), *Moscow State University: High School of Economics*, Working paper WP7/2003/07.
89. Korkeakoulujen arviointi äänestämisen teorian valossa, pp. 159-173 in M. Widgrén, ed., *Kansallisesta voitosta globaaleille markkinoille*, Helsinki: Taloustieto 2004.

90. Consensus Finding as Distance Minimization, pp. 89-98 in V. A. Niskanen and J. Kortelainen, eds, *On the Edge of Fuzziness. Studies in Honor of Jorma K. Mattila on His Sixtieth Birthday*, Lappeenranta: Acta Universitatis Lappeenrantaensis 179, 2004.
91. Consensus Finding as Distance Minimization, pp. 223-237 in M.G. Dmitriev and A.P. Petrov, eds, *Proceedings of the International Conference "Mathematical Modelling of Social and Economical Dynamics*, Moscow: Russian State Social University, 2004.
92. On Group Decision Making, Voting and Some Voting Paradoxes under Fuzzy Preferences, (with J. Kacprzyk and S. Zadrozny), pp. 19-32, in P. Walden, R. Fuller and J. Carlsson, eds, *Expanding the Limits of the Possible*, Åbo 2006.
93. Distance from Consensus: A Theme and Variations (with Tommi Meskanen), pp. 117 - 132 in B. Simeone and F. Pukelsheim, eds, *Mathematics and Democracy: Recent Advances in Voting Systems and Collective Choice. Studies in Choice and Welfare*, Berlin-Heidelberg: Springer Verlag 2006.
94. Enemmistövaltaa vähemmistösuojan kera, in J. Käkönen and J. Paastela, eds, *Demokratia ja poliittinen osallistuminen*, Tampere: Tampereen yliopisto, Poliitiikan tutkimuksen laitos, 2006.
95. Berksonin ongelma, in J. Haukioja and A. Repo, eds, *Halu ymmärtää*, Turku: Turun yliopiston filosofian laitoksen julkaisuja no. 16, 2006.
96. Suomalainen vaalitapa eilen, tänään ja (ehkä) huomenna, *Tieteessä tapahtuu* 1, 2007, 13-20.
97. Assessing Borda's Rule and Its Modifications, pp. 109-119 in P. Emerson, ed., *Designing an All-Inclusive Democracy. Consensual Voting Procedures for Use in Parliaments, Councils and Committees*, Berlin: Springer 2007.
98. Designing Representative Bodies when the Voter Preferences Are Fuzzy, (with Janusz Kacprzyk), pp. 211-219 in Patricia Melin, Oscar Castillo, Luis T. Aguilar, Janusz Kacprzyk and Witold Pedrycz, eds, *Foundations of Fuzzy Logic and Soft Computing*, LNAI 4529, Berlin-Heidelberg 2007.
99. Representing Groups with Imprecise Opinions, (with Janusz Kacprzyk) pp. 445-448 in Martin Štěpnička, Vilém Novák and Ulrich Bodenhofer, eds, *New Dimensions in Fuzzy Logic and Related Technologies*, Vol. I, Ostrava: Universitatis Ostraviensis 2007.

100. Closeness Counts in Social Choice (with Tommi Meskanen), pp. 289-306 in Matthew Bramham and Frank Steffen, eds, *Power, Freedom and Voting: Essays in Honor of Manfred J. Holler*, Berlin: Springer-Verlag 2008.
101. On the Art of Being Usefully Wrong: Lessons from Voting Paradoxes, pp. 119-129 in H. Flam and M. Carson, eds, *Rule Systems Theory: Applications and Explorations*, Frankfurt am Main: Peter Langer, 2008.
102. Yhteiskunnalliset lait ja kausaliteetti (Social Laws and Causality) (with Olli Koistinen), *Ajatus* 65, 2008, 7-23.
103. On Group Decision Making, Consensus Reaching, Voting and Voting Paradoxes under Fuzzy Preferences and a Fuzzy Majority: A Survey and Some Perspectives, (with Janusz Kacprzyk, Mario Fedrizzi and Sławomir Zadrozny), pp. 263-295 in H. Bustince, F. Herrera, J. Montero, eds, *Fuzzy Sets and Their Extensions: Representation, Aggregation and Models*, Berlin-Heidelberg-New York: Springer Verlag 2008.
104. On Group Decision Making, Consensus Reaching, Voting and Voting Paradoxes under Fuzzy Preferences and a Fuzzy Majority: A Survey and a Granulation Perspective, (with Janusz Kacprzyk, Mario Fedrizzi and Sławomir Zadrozny), pp. 906-929 in W. Pedrycz, A. Skowron, V. Kreinovich, eds, *Handbook of Granular Computing*, Chichester: Wiley 2008.
105. Probability and Fuzziness – Echoes from 30 Years Back, pp. 161-174 in R. Seising, ed., *Views on Fuzzy Sets and Systems from Different Perspectives*, Berlin-Heidelberg-New York: Springer Verlag, Studies in Fuzziness and Soft Computing, 2009.
106. Fuzzy Preferences as a Convenient Tool in Group Decision Making and a Remedy for Voting Paradoxes, (with Janusz Kacprzyk, Sławomir Zadrozny and Mario Fedrizzi) pp. 345-360 in R. Seising, ed., *Views on Fuzzy Sets and Systems from Different Perspectives*, Berlin-Heidelberg-New York: Springer Verlag, Studies in Fuzziness and Soft Computing, 2009.
107. Some Fundamental Problems of Opinion Modelling with Implications to Committee Composition and Social Choice. In Proceedings of FUZZ-IEEE 2009, August 20-24, 2009, ICC Jeju, Korea, pp. 987-991.
108. Finland, (with Rauli Mickelsson) pp. 318-328 in: in W. Lehmann, (ed.), *The Selection of Candidates for the European Parliament by National Parties and the Impact of European Political Parties*, European Parliament, Directorate for Internal Policies, 2009.

109. Voting Systems for Social Choice, pp. 167-182 in D. M. Kilgour and C. Eden (eds), *Handbook of Group Decision and Negotiation*, Berlin-Heidelberg-New York: Springer Verlag, 2010.
110. Connections and Implications of the Ostrogorski Paradox for Spatial Voting Models, (with Donald G. Saari) pp. 31-56 in A. Van Deemen and A. Rusinowska, eds, *Collective Decision Making. Views from Social Choice and Game Theory*, Berlin-Heidelberg-New York: Springer 2010.
111. On the Relative Unimportance of Voting Weights: Observations on Agenda-Based Voting Procedures, pp. 171-180 in M. Cichocki and K. Życzkowski, eds, *Institutional Design and Voting Power in the European Union*, Farnham, Surrey: Ashgate 2010.
112. Thin Rationality and Representation of Preferences with Implications to Spatial Voting Models, pp. 321-337 in S. Greco, R. A. Marques Pereira, M. Squillante, R. Yager and J. Kacprzyk, eds, *Preferences and Decisions: Models and Applications*, Berlin-Heidelberg-New York: Springer Verlag 2010.
113. Nice, but Are They Relevant? A Political Scientist Looks at Social Choice Results, pp. 27-28 in V. Conitzer and J. Rothe (eds), *Proceedings of the Third International Workshop on Computational Social Choice, COMSOC 2010*, Düsseldorf: Düsseldorf University Press.
114. Voting Theory, pp. 101-123 in D. Rios Insua and S. French (eds), *e-Democracy*, Berlin-Heidelberg-New York: Springer Verlag 2010.
115. Wholes and Parts Revisited, pp. 54-72 in P. Ahonen, S. Hänninen and K. Palonen (eds), *Fortunae Rota Volvitur*, Helsinki: The Finnish Political Science Association 2010.
116. Felsenthal, Dan S. (1938-) pp. 245-246 in K. Dowding (ed.), *Encyclopedia of Power*, Los Angeles: SAGE 2011.
117. Machover, Moshé (1936-) p. 397 in K. Dowding (ed.), *Encyclopedia of Power*, Los Angeles: SAGE 2011.
118. Paradox of New Members, pp. 471-472 in K. Dowding (ed.), *Encyclopedia of Power*, Los Angeles: SAGE 2011.
119. Voting Paradoxes, pp. 695-698 in K. Dowding (ed.), *Encyclopedia of Power*, Los Angeles: SAGE 2011.
120. Power Indices, pp. 1334-1335 (Vol. 4) in G. Kurian (ed.), *The Encyclopedia of Political Science*, Washington, D. C.: CQ Press 2011.

121. Voting Procedures, pp. 1747-1748 (Vol. 5) in G. Kurian (ed.), *The Encyclopedia of Political Science*, Washington, D. C.: CQ Press 2011.
122. Settings of Consensual Processes: Candidates, Verdicts, Policies, pp. 159-177 in E. Herrera-Viedma, J. L. García-Lapresta, J. Kacprzyk, M. Fedrizzi, H. Nurmi and S. Zadrożny (eds), *Consensual Processes*, Berlin-Heidelberg-New York: Springer Verlag 2011.
123. On the Relevance of Theoretical Results to Voting System Choice, pp. 255-274 in D. S. Felsenthal and M. Machover (eds.), *Electoral Systems: Paradoxes, Assumptions, and Procedures*, Berlin-Heidelberg-New York: Springer Verlag 2012.
124. Full Proportionality in Sight? Pp. 317-333 in C. Anckar and D. Anckar (eds.), *Comparisons, Regimes, Elections: Festschrift for Lauri Karvonen*, Åbo: Åbo Akademi University Press 2012.
125. Fuzzy Sets Seemed to Work. Pp. 487-492 in R. Seising, E. Trillas, C. Moraga and S. Termini (eds), *On Fuzziness: A Homage to Lotfi A. Zadeh - Volume 2*. Berlin-Heidelberg: Springer 2013.
126. Towards a Comprehensive Similarity Analysis of Voting Procedures Using Rough Sets and Similarity Measures, (with Janusz Kacprzyk and Sławomir Zadrożny), pp. 359-380 in A. Skowron and Z. Suraj (eds.), *Rough Sets and Intelligent Systems – Professor Zdzisław Pawlak in Memoriam, Volume 1*, Berlin-Heidelberg: Springer 2013.
127. Reflections on Power, Voting, and Voting Power, (with Manfred J. Holler), pp. 1 - 24 in M. J. Holler and H. Nurmi (eds.), *Power, Voting, and Voting Power*, Berlin-Heidelberg: Springer 2013.
128. Party Competition and Electoral Turnout: Downs's Calculus in a Multiparty System (with Juha Helin), pp. 160-176 in F. Cabrillo and M. A. Puchades-Navarro (eds.), *Constitutional Economics and Public Institutions. Essays in Honour of José Casas Pardo*, Cheltenham: Edward Elgar 2013.
129. Some Voting Paradoxes: A Fuzzy Preference and Fuzzy Majority Perspective (with J. Kacprzyk, S. Zadrożny and M. Fedrizzi), pp. 219-236 in A. Ventre, A. Maturo, S. Hořková-Meyerová and J. Kacprzyk (eds.), *Multicriteria and Multiagent Decision Making with Applications to Economics and Social Sciences*, Berlin-Heidelberg: Springer Verlag 2013.
130. Making Sense of Intransitivity, Incompleteness and Discontinuity of Preferences, pp. 184 - 192 in P. Zaraté, G. Kersten and J. Hernández (eds.), *Group Decision and Negotiation: A Process-Oriented View*,

LNBIP 180, Cham-Heidelberg-New York-Dordrecht-London: Springer Verlag 2014.

131. Aiding the Choice of a Voting Procedure for a Business Decision Problem (with Adiel Teixeira de Almeida), pp. 269 - 276 in P. Zaraté, G. Camilleri, D. Kamissoko and F. Amblard (eds.), *Group Decision and Negotiation 2014: Proceedings*, Toulouse: Toulouse University 2014.
132. Aspects of Power Overlooked by Power Indices (with Manfred J. Holler), pp. 205-219 in R. Fara, D. Leech and M. Salles (eds.), *Voting Power and Procedures: Essays in Honour of Dan Felsenthal and Moshé Machover*, Switzerland: Springer International 2014.
133. Pathology or Revelation? The Public Good Index (with Manfred J. Holler), pp. 247 - 257 in R. Fara, D. Leech and M. Salles (eds.), *Voting Power and Procedures: Essays in Honour of Dan Felsenthal and Moshé Machover*, Switzerland: Springer International 2014.
134. Institution Design and the Preference Ranking Assumption, pp. 107 - 121 in T. Raunio and H. Nurmi (eds.), *The Serious Game of Politics. Festschrift for Matti Wiberg*, Helsinki: Finnish Political Science Association 2014.
135. The Choice of Voting Rules Based on Preferences over Criteria, pp. 241 - 252 in B. Kamiński, G. E. Kersten and T. Szapiro (eds.), *Outlooks and Insights on Group Decision and Negotiation*, Cham-Heidelberg-New York-Dordrecht-London: Springer International Publishing Switzerland 2015.
136. A Framework for Aiding the Choice of a Voting Procedure (with Adiel Teixeira de Almeida), pp. 211 - 225 in B. Kamiński, G. E. Kersten and T. Szapiro (eds.), *Outlooks and Insights on Group Decision and Negotiation*, Cham-Heidelberg-New York-Dordrecht-London: Springer International Publishing Switzerland 2015.
137. Choosing a Voting Procedure for a Leisure Group Activity (with Lihi Naamani-Dery and Adiel Teixeira de Almeida), pp. 225 -227 in B. Kamiński, G. Kersten, P. Szufel, M. Jakubczyk and T. Wachowicz (eds.), *The 15th International Conference on Group Decision and Negotiation*, Warsaw: Warsaw School of Economics Press 2015.
138. Mitähän professori Riker sanoisi tänään? Poliitiikan teorian ja sosi-aalisen valinnan jälleennäkeminen, pp. 114 - 124, teoksessa M. Ah-teensuu (toim.), *E pluribus unum: Scripta in honorem Eerik Lager-spetz sexagesimum annum complentis*, University of Turku: Reports from the Department of Philosophy 2016.

139. The Finnish Way of Governance: Something New on the Horizon?, *Research on Finnish Society* 8, 2015, 99 - 104.
140. Mitä vikaa Granger-kausallisuudessa?, pp. 319 - 329 teoksessa H. Laiho and A. Repo (toim.), *De natura rerum: Scripta in honorem professoris Olli Koistinen sexagesimum annum complentis*, University of Turku: Reports from the Department of Philosophy 2016.
141. Vaalimenettelyt ja äänestämisen hyöty äänestäjälle (Voting procedures and the benefit of voting to the voter), pp. 190 - 218 in E. Kestilä-Kekkonen and P-E. Korvela (eds), *Poliittinen osallistuminen. Vanhan ja uuden osallistumisen jännitteitä*, Jyväskylä: Sophi 2017.
<http://urn.fi/URN:ISBN:978-951-39-7077-2>
142. Choosing a Voting Procedure for the GDSS GRUS (with R. P. Palha, P. Zarate, and A. T. de Almeida), pp. 163-174 in M. Schoop and D. M. Kilgour (eds.), *Group Decision and Negotiation: A Socio-Technical Perspective. Lecture Notes in Business Information Processing, vol. 293*, Cham: Springer International Publishing 2017.
<https://doi.org/10.1007/978-3-319-63546-012>
143. Using Similarity and Dissimilarity Measures of Binary Patterns for the Comparison of Voting Procedures (with J. Kacprzyk and S. Zadrozny), pp. 141 - 169 in J. Kacprzyk, D. Filev and G. Beliakov (eds.), *Granular, Soft and Fuzzy Approaches for Intelligent Systems. Dedicated to Professor Ronald R. Yager*, Springer International Publishing Switzerland 2017. DOI: 10.1007/978 - 3 - 319 - 40314 - 4.
144. The Introduction and Development of Fuzzy Sets Theory and Applications in Finland, (with C. Carlsson and V. A. Niskanen) *Archives for the Philosophy and History of Soft Computing, Issue 1/2017*, 2017, 2 - 10.
145. An Overview and Re-Interpretation of Paradoxes of Responsiveness, pp. 21 - 31 in M. Collan and J. Kacprzyk (eds.), *Soft Computing Applications for Group Decision-making and Consensus Modeling*, Cham: Springer International Publishing 2017. DOI:10.1007/978-3-319-60207-3.
146. Optimaalinen edustus käsitteellisenä ongelmana (Optimal representation as a conceptual problem), pp. 253 - 278 in E. Kestilä-Kekkonen and T. Raunio (eds), *Valta ja politiikka. Juhlakirja Ilkka Ruostesaarelle hänen 60-vuotispäivänään*, Helsinki: The Finnish Political Science Association 2018.

147. Professor Dan S. Felsenthal (1938 - 2019) (with Maurice Salles), *Social Choice and Welfare* 53, 2019, 371 - 373. DOI: 10.1007/s00355-019-01209-2.
148. Institutional Background and Trends, *Scandinavian Political Studies* 42, 2019, 166 - 174. DOI: 10.1111/1467-9477.12148.
149. Why Most Politician Don't Give a Hoot about Voting Theory? pp. 123 - 129 in J. - F. Laslier, H. Moulin, M. R. Sanver and W. S. Zwicker (eds), *The Future of Economic Design. The Continuing Development of a Field as Envisioned by Its Researchers*, Cham: Springer Nature Switzerland 2019. DOI: 10.1007/978-3-030-18050-8.
150. From Center-Right to Center-Left, (with Lasse Nurmi) pp. 91 - 103 in T. Airaksinen, M. J. Holler and H. Nurmi (eds), *Finnish-German Yearbook of Political Economy, vol. 2*, München: Accedo Verlag.
151. Multi-agent Systems and Voting: How Similar Are Voting Procedures (with Janusz Kacprzyk, José M. Merigó and Sławomir Zadrozny), pp. 172 - 184 in M.-J. Lesot, S. Vieira, M. Z. Reformat, J. P. Carvalho, A. Wilbik, B. Bouchon-Meunier, R. R. Yager (eds), *Information Processing and Management in Knowledge-Based Systems. Communications in Computer and Information Science 1237*. Cham: Springer Nature Switzerland AG 2020. DOI: 10.1007/978-3-030-50146-4.
152. Remarks on "The Future Viability of the Dutch Democracy", *Munich Social Science Review* 3, 2020, 55 - 62.
153. Group Decisions: Choosing a Winner by Voting, pp. 413 - 438 in D. M. Kilgour and C. Eden (eds), *Handbook of Group Decision and Negotiation*. Second Edition. Cham: Springer Nature Switzerland AG 2021. DOI: 10.1007/978-3-030-49628 - 9.
154. Voting systems in theory and practice, (with Janusz Kacprzyk and Sławomir Zadrozny) pp. 3 - 16 in T. Szapiro and J. Kacprzyk (eds), *Collective Decisions: Theory, Algorithms And Decision Support Systems*. Cham: Springer Nature Switzerland AG 2022. ISBN: 978-3-030-84996-2. DOI: 10.1007/978-3-030-84997-9-1

BOOK REVIEWS:

1. R. Douglas Arnold: Congress and the Bureaucracy, A Theory of Influence. Yale Studies in Political Science, 28, New Haven and London: Yale University Press 1979, 235 s. *Politiikka* 23, 88, 1981.
2. Michael Laver: Playing Politics. Harmondsworth, Penguin Books 1979. *Politiikka* 23, 317, 1981.

3. Michael Laver: *The Politics of Private Desires*. Harmondsworth. Penguin Books 1981. *Politiikka 23*, 317, 1981.
4. Robert Abrams: *Foundations of Political Analysis: An Introduction to the Theory of Collective Action*. Columbia University Press, New York 1980, 357 s. *Politiikka 24*, 181, 1982.
5. William H. Riker: *Liberalism against Populism: A Confrontation between the Theory of Democracy and the Theory of Social Choice*. San Francisco: W.H. Freeman and Company. *Politiikka 24*, 266, 1982.
6. Michael L. Balinski and H. Peyton Young: *Fair Representation, Meeting the Ideal of One Man and One Vote*. New Haven and London: Yale University Press, *Politiikka 25*, 54, 1983.
7. Steven J. Brams and Peter C. Fishburn: *Approval Voting*. Birkhäuser Boston, INC: Boston 1983, xix + 199 s. *Politiikka 25*, 160, 1983.
8. Veikko Pietilä: *Miten tiede kehittyy? Tiedusteluretkiä tieteen teorian kentälle*. Osuuskunta Vastapaino, Tampere, iii + 278 s. *Politiikka 26*, 116, 1984.
9. Michael Laver: *Invitations to Politics*. Martin Robertson, Oxford 1983, 266 s. *Politiikka 26*, 202, 1984.
10. Anthony Giddens: *Yhteiskuntateorian keskeisiä ongelmia*. Suom. I. Heiskanen ja P. Andersson. Otava 1984, 423 s. *Politiikka 27*, 334, 1985.
11. Steven J. Brams: *Superpower Games: Applying Game Theory to Superpower Conflict*. Yale University Press, New Haven and London, 1985, xvi + 176 s. *Politiikka 28*, 63, 1986.
12. Michael Laver and Norman Schofield : *Multiparty Government. The Politics of Coalition in Europe*. Oxford University Press. Oxford, 1991, 315 s. *Politiikka 33* , 224, 1991.
13. Mika Mannermaa: *Evolutionaarinen tulevaisuudentutkimus. Tulevaisuuden paradigmoja ja niiden metodologisten ominaisuuksien tarkastelu*. Tulevaisuuden tutkimuksen seura ja VAPK- kustannus, Helsinki, 1991. *Politiikka 33*, 238, 1991.
14. Michael Laver and Norman Schofield: *Multiparty Government. The Politics of Coalition in Europe; Comparative European Politics Series*. Oxford University Press, Oxford; 1991, pp. vii + 308. *European Journal of Political Economy 8*, 133, 1992.

15. Valerie M. Hudson (toim.), Artificial Intelligence and International Politics. Westview Press, Oxford 1991, 422 s. *Kosmopolis* 24, 89-94, 1994.
16. Steven J. Brams and Alan D. Taylor: Fair Division: From Cake-Cutting to Dispute Resolution. Cambridge University Press, Cambridge; 1996, pp. xiv - 272. *Politiikka* 38, 64-66, 1996.
17. Steven J. Brams and Alan D. Taylor: Fair Division: From Cake-Cutting to Dispute Resolution. Cambridge University Press, Cambridge; 1996, pp. xiv - 272. *European Journal of Political Economy* 12, 169-172, 1996.
18. Dan S. Felsenthal and Moshé Machover: The Measurement of Voting Power: Theory and Practice, Problems and Paradoxes. Edward Elgar, Cheltenham 1998, pp. xviii + 322. *European Journal of Political Economy* 15, 773-775, 1999.
19. P. K. Dutta: Strategies and Games: Theory and Practice. MIT Press, Cambridge, Mass., 1999, *Journal of Economics/Zeitschrift für Nationalökonomie* 71, 82-84, 2000.
20. Steven J. Brams and Alan D. Taylor: The Win-Win Solution. Guaranteeing Fair Shares to Everybody. W. W. Norton, New York 1999, pp. 177. *Tieteessä tapahtuu*, 7/2000, 61-63, 2000.
21. Norman Schofield, The Spatial Model of Politics. Routledge Frontiers of Political Economy 95, Routledge, London and New York: Routledge 2008, pp. xxiii+296. *European Journal of Political Economy* 25, 567-570, 2009.
22. Andranik Tangian, Mathematical Theory of Democracy. Studies in Choice and Welfare. Berlin – Heidelberg 2014, xiii + 615 pp., DOI:10.1007/s00712-013-0378-9. *Journal of Economics* 111, 203-205.
23. Andranik Tangian, Analytical Theory of Democracy. History, Mathematics and Applications. Volumes 1 – 2. Studies in Social Choice and Welfare. Cham: Springer International Publishing 2020, xxv + 1048 pp., DOI:10.1007/978-3-030-39691-6. *Journal of Economics*.
24. M. Diss and V. Merlin (Ed.) Evaluating Voting Systems with Probability Models: Essays by and in Honor of William Gehrlein and Dominique Lepelley. Cham: Springer International Publishing 2021. ISBN 978-3-030-48597-9, ISBN 978-3-03048598-6 (eBook) *Journal of Economics* 134, 97 - 102.
<https://rdcu.be/cmw4i>.