

PUBLICATIONS

Publications in refereed journals

- 1) "Feasibility and Stability in Intertemporal Information Flows", Economics of Planning (1986), vol. 20, no. 2.
- 2) "A Differential Game in Advertising", American Journal of Mathematical and Management Sciences, (1990) Vol. 13, Nos 1 & 2, pages 137-153.
- 3) "Optimal Maintenance and Life of Machines Subject to Time Varying Rate of Depreciation", International Journal of Management and Systems, May-Aug, 1988, vol.4, no.2, 89-98.
- 4) "A New Proof of the Maximum Principle in Optimal Control Theory", Journal of Quantitative Economics (1989), Vol.5, no.1, 37-42.
- 5) "Risk Aversion and the Proportional Solution in Two-Person Bargaining Games", Artha Vijyana, June 1988, Vol.30, no.2, 196-201.
- 6) "The Max-Min Solution for Variable Threat Games", Economics Letters, vol.29, (1989).
- 7) "Threat Bargaining Games with a Variable Population", International Journal of Game Theory, (1990) 19:91-100.
- 8) "Coalitional Fairness and Distortion of Utilities", IEEE Transactions on Systems, Man & Cybernetics, Volume 21, Number 5, (1991).
- 9) "Continuity of Bargaining Solutions Defined With Respect to a Criterion", Pure Mathematics and Applications, Series B, March 1991, Volume 1, Number 2-3.
- 10) "Threat Bargaining Problems With Correlated Beliefs", Economics Letters, Vol. 37, No. 3, Pages 229-233 , (1991).
- 11) "Threat Bargaining Games with Incomplete Information", (Appeared as an invited contribution to a special issue of Control and Cybernetics, dedicated to

- "Bargaining and Arbitration in Conflicts", (Jacek Stefanski - Guest Editor), published by the Polish Academy of Sciences), Vol. 21 (1992), No. 1.
- 12) "Some Concepts of Distributive Justice in Bargaining Problems", "Group Decisions and Negotiations", Vol. 3, pages 133-143 (1994).
 - 13) "A Compromise Solution for Claims Problems", European Journal of Operational Research, Vol. 73 (1994), pages 39-43.
 - 14) "Opportunity Fairness and Equal Income Lindahl Equilibrium", Economics of Planning (1994), Vol. 27, pages 21- 26.
 - 15) "Affine Cost Share Equilibria for Economies with Public Goods", Japanese Economic Review, Vol. 47, No:4,(1996).
 - 16) "Fixed Price Equilibria in Distribution Economies", "Control and Cybernetics", Vol.24, No.3 (1995), pages 271-284.
 - 17) "A Calculus Approach to the Existence of Market Equilibria in a Distribution Economy", ` International Review of Economics and Business', Vol. XLI, No. 3, (1994), pages 193-200.
 - 18) "A Note on Expansion Independence in Choice Problems", Mathematical Social Sciences, 29, 1995, pages 77-81.
 - 19) "Representation of Bargaining Games as Simple Distribution Problems", Control and Cybernetics, Vol.25, (1996), No:4.
 - 20) "A Reduced Game Property for the Egalitarian solution," Differential Equations and Dynamical Systems, Vol.6 (1, 2), 1998.
 - 21) "Some Remarks on Properties for Choice Functions, "Annals of Operations Research, Vol.97,(2000),pages 45-53.
 - 22) "Some Properties of Solutions For Two Dimensional Choice Problems Reconsidered, "Control and Cybernetics, vol.28, no.1(1999),pages 75-87.

- 23) "National Income and Social Welfare In A Public Good Economy," Indian Economic Journal, Issue 3, 1995.
- 24) "The Supporting Line Property and The Additive Choice Function for Two Dimensional Choice Problems," Pacific Economic Review, Issue 3:2, 1998.
- 25) "An Algorithm for The Min-Max Loss Rule for Claims Problems", Opsearch, Vol. 34, No:2, June 1997.
- 26) "A New Congruence Axiom and Transitive Rational Choice", The Manchester School, Vol.69, No:6, December 2001, pages 481-489.
- 27) "Path Independence and Choice Acyclicity Property", Keio Economic Studies, Volume 36, No:2, 1999, pages 53-63.
- 28) "A Comment on "The Kaldor Compensation Test and Rational Choice", Journal of Public Economics, Volume 71, No:2 (February 1999), pages 311-312.
- 29) "A Reduced Game Property For The Proportional Solution For Claims Problems", American Journal of Mathematical and Management Sciences, vol.20 (2000), nos:3 and 4, pages 403-413 (special volume on Selection and Decision).
- 30) "Reducing A Multi Stage Vector Optimization Problem To A Single Stage Vector Optimization Problem", OPSEARCH, Volume 37, Number 2, pages 124-133.
- 31) "A Simple Proof of Suzumura's Extension Theorem With Applications", Journal of Applied Mathematics and Decision Sciences, Volume 6, Number 3, pages 183-190 (2002).
- 32) "Axiomatic Characterizations of the CEA solution for Rationing Problems", European Journal of Operational Research, Volume 131, Issue 1 (March 2001), pages 162-170.
- 33) "Axiomatic Characterization of Voting Operators", Mathematical Social Sciences, (January 2001) volume 41, issue 2, pages 227-238.

- 34) "Lexicographic Composition of Abstract Games", Economic Theory, Vol.19, Issue 2 (2001),pages 429-434.
- 35) "The Weighted Fair Division Problem", The Journal of the Academy of Business, Cambridge, Volume 1, Number 2, Pages 326 – 334, March 2002.
- 36) "Axiomatic Characterizations of Threshold Choice Functions for Comparison Functions", Fuzzy Sets and Systems, Vol. 132, Issue 1, pages 77 – 82, 2002.
- 37) "Robust Multivalued Solutions for Assignment Problems", Mathematical Social Sciences, Vol. 44, Issue 1, pages 85 – 90, 2002.
- 38) "The Top Cycle and Uncovered Solutions for Weak Tournaments", Control and Cybernetics, Vol. 30, No. 4, 2001.
- 39) "Axiomatic Analysis of Choosing the Second Best", Studies in Economics and Econometrics, Vol. 26, No: 2, pages 35 – 70(2002).
- 40) "Justifiable Preferences over Opportunity Sets", Social Choice and Welfare, Vol. 21, 117-129 (2003).
- 41) "An Elementary Proof of a Result For Polyhedral Cones", Pure Mathematics and Applications (P.U.M.A), vol 12, number 3, pages 310-325, (2001).
- 42) "Axiomatic Characterization of Linear Orders", The Review of Modern Logic, Volume 9, Numbers 3 & 4, pages 21-26, (2004).
- 43) "The Class of Opportunity Filters and the preference revealed by a Path Independent Choice Function", Nova Economia, vol 14, number 1, pages 111-120, (2004).
- 44) "Stable Sets of Weak Tournaments", Yugoslav Journal of Operations Research (YUJOR), Vol.14, No.1(March 2004), pages 33-40.
- 45) "Axiomatic Characterizations of the Nash and Kalai-Smorodinsky Solutions for Discrete Bargaining Problems", Pure Mathematics and Applications (P.U.M.A), Volume 14, Number 4, pages 207-220, (2003).

- 46) “Stable Outcomes for Two-Sided Contract Choice Problems”, Computational and Mathematical Organization Theory (CMOT), Volume 10, Number 4, pages 323-334, (2005).
- 47) “Pair-wise envy free and stable matchings for two sided systems with techniques”, Economics Bulletin, Volume 3, No.15, pages 1-9.
- 48) “The Core of Directed Network Problems with Quotas”, Economics Bulletin, Volume 3, No. 38, pages 1-8.
- 49) “Axiomatic Analysis of Auction Rules”, International Journal of Management and Decision Making, Volume 7, Nos. 2/3. pages 328-336.
- 50) “Stable Outcomes for Contract Choice Problems”, Pure Mathematics and Applications (PUMA), Volume 15, No. 4, pages 409-418 (2006).
- 51) “Core and Equilibria in an Assembled Product Industry”, Review of Economic Design, Volume 10, Number 4, March 2007, pages 327-339.
- 52) “A Weak Bargaining Set for Contract Choice Problems”, Research in Economics, Volume 61, Issue 4, Pages 185-190.
- 53) “Local Versus Global: The Case of Discrete Concave Production Functions”, Pure Mathematics and Applications (PUMA), Volume 18 (2007), Issue 1-2, Pages 91-100.
- 54) “A Note on Optimality of Full-Capacity Flat-Rate Equilibrium”, International Journal of Business and Economics (IJBE), Volume 8 (2009), No:3, Pages 249-253.
- 55) “Existence of Market Equilibrium for Package Assignment Problems”, International Journal of Mathematics, Computer Sciences and Information Technology (IJMCSIT), Vol. 4, No.1, January-June 2011, pages 45-54.
- 56) “Comparative statics of oligopoly equilibrium in a pure exchange economy”, Modern Economy, Vol.2, No.2(2011), pages 77-83.

Publications in edited volumes

- 1) "Quasitransitive Rational Choice", in Albert Tavidze (ed.) Progress in Economics Research, (2004), published by Nova Science Publishers, Inc.
- 2) "Axiomatic Characterizations of Boolean Vote Aggregators", in L.A. Petrosjan and V.V. Mazalov (eds.) Game Theory and Its Applications, Volume 9, (2003) published by Nova Science Publishers.
- 3) "Market Equilibrium for Combinatorial Auctions and the Matching Core of Nonnegative TU Games", published in "Mathematical Programming and Game Theory for Decision Making" S.K. Neogy, R.B. Bapat, A.K. Das & T.Parthasarathy (eds.), Statistical Science and Interdisciplinary Research- Vol.1, World Scientific, May 2008.
- 4) "Equitable and Decentralized Solutions for the Allocation of Indivisible Objects", published in "Advances in Development Economics" Dipak Basu (ed.), World Scientific, December 2008.

Publications in Conference Proceedings

- 1) "The Simplest Problem in Optimal Control Revisited", B.-H, Ahn (ed.), Proceedings of APORS'88, published by Elsevier Science Publishers, North Holland (1990).
- 2) "A Characterization of the Equal Income Market Equilibrium Choice Correspondence based on average envy freeness", in Ahmet Alkan, Charalambos D. Aliprantis and Nicholas C. Yannelis (eds.) "Current Trends in Economics: Theory and Applications", Vol. 8, of the Springer Verlag series STUDIES IN ECONOMIC THEORY (1999).
- 3) "Voting Operators on Ballot Profiles", in Harrie de Swart (ed.) "Logic, Game Theory and Social Choice" Proceedings of LGS'99 (International Conference on Logic, Game Theory and Social Choice, May 13-16, 1999), published by Tilburg University Press.
- 4) "Fixed Agenda Solutions for Weak Tournaments", published in "Abstracts of the Fifth Spanish Meeting on Game Theory and Applications" (

J.M. Bilbao, F.R. Fernandez (eds.), Fundacion el Monte, Universidad de Sevilla, Secratariado de Publicaciones, 2002.

- 5) “Three-Sided Matchings and Separable Preferences”, published in “Contributions to Game Theory and Management” (GTM2007) Collected Papers (Leon A. Petrosjan and Nikolay A. Zenkevich (eds.), The International Conference : Game Theory and Management, June 28-29, 2007, St.Petersburg, Russia.

Technical / Research Reports

"Note : On the Existence of an Optimal Solution for Concave Infinite Horizon Economic Models", Discussion Paper no. 221, University of Minnesota.

"Sharing Costs and Sharing Revenue: The Proportional Solutions", Indian Institute of Management, Ahmedabad, Working Paper No.1184.

“A Comment on : Anonymity, ordinal preference proximity and imposed social choices”, Institute of Public Economics, Graz University, Working Paper No: 2002-1.

"Stable Matchings for the Room-mates Problem", Fondazione Eni Enrico Mattei (FEEM) Working Paper No: 116.03 (Series: CTN- Coalition Theory Network).

"Stable Matchings for a Generalized Marriage Problem", Fondazione Eni Enrico Mattei (FEEM) Working Paper No: 117.03 (Series: CTN- Coalition Theory Network).

“The Cooperative Theory of Two Sided Matching Problems: A Re-examination of Some Results”, Fondazione Eni Enrico Mattei (FEEM) Working Paper No: 109.2004 (Seies: CTN- Coalition Theory Network).

“Weak Bargaining Set for Contract Choice Problems”, Fondazione Eni Enrico Mattei (FEEM) Working Paper No: 19.06 (Seies: CTN- Coalition Theory Network).