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Elmer B. Milliman Professor of Economics  
September 2024

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**Education:**

1972: Diplôme d'Ingenieur de l'Ecole Polytechnique, Paris, France  
1976: Ph.D. in Economics, Stanford University

**Employment:**

1976-1980: Department of Economics, University of Minnesota, Assistant Professor  
1980-1983: Department of Economics, Harvard University, Visiting Lecturer  
1982 (September): Nagoya City University, Visiting Lecturer  
1982-1983: Department of Economics, University of Minnesota, Associate Professor  
1983 (June): Hebrew University of Jerusalem, Institute for Advanced Studies, Visiting Fellow  
1983-1985: Department of Economics, University of Rochester, Associate Professor  
1984 (June): Université d'Aix-Marseille and Ecole des Hautes Etudes en Sciences Sociales, Directeur d'Etudes  
1985-present: Department of Economics, University of Rochester, Professor  
1986 (May): Université de Rennes, France, Visiting Professor  
1993 (June): Delta, Paris, France.  
1997 (May): Université de Cergy-Pontoise, France, Visiting Professor.  
1997 (June): Université de Caen, France, Visiting Professor.  
1998 (June): Université de Caen, France, Visiting Professor.  
1999 (Spring semester): Harvard University, Visiting Professor

1999 (June): Université de Caen, France, Visiting Professor.  
2000 (May): Université de Caen, France, Visiting Professor.  
2005 (June): Paris School of Economics, France, Visiting Professor.  
2013 (Spring semester): Harvard University, Visiting Professor

**Editorial service:**

*Social Choice and Welfare*, Board of Editors, 1983-present.  
*Economics Letters*, Board of Editors, 1985-2006.  
*Games and Economic Behavior*, Board of Editors, 1988-2019. Advisory Board, 2019-.  
*International Journal of Game Theory*, Board of Editors, 1992-2003; Editor-in-Chief, 2003-2008; Board of Editors, 2008-2010.  
*Review of Economic Design*, Associate Editor, 1993-2004; Board of Editors, 2004-present.  
*Mathematical Social Sciences*, Board of Editors, 1994-present.  
*Theory and Decision Library*, Series C: Game Theory, Mathematical Programming and Operations Research, Board of Editors, 1994-present.  
*Economic Theory*, 2000-2004.  
*Journal of Economic Theory*, 2005-2013.  
*Latin American Economic Review*, 2013-present.  
*Games*, 2019-  
*Studies in Choice and Welfare*, Board of Editors, 2013-present

**Other service**

Society for Social Choice and Welfare, council member.  
International Game Theory Society, council member.

**Honors:**

German Bernacer Lecture, Alicante, 1989.  
Fellow of the Econometric Society, elected 1990.  
Condorcet Lecture: keynote address at the V-th International Meeting of the Society for Social Choice and Welfare, 2000.  
Koc Prize for best article in *Review of Economic Design*, 2000.  
2001 University Award for Excellence in Graduate Teaching (University of Rochester).  
Plenary session speaker: Canadian Economic Theory meeting, Montreal, 2003.  
Plenary session speaker: Midwest Mathematical Economics meeting, Bloomington, 2004.

Presidential address: VII-th International address of the Society for Social Choice and Welfare, Osaka, 2004.

Plenary session speaker: SING 1, Maastricht, June 2005.

*Society for Social Choice and Welfare*, President-Elect, 2002-2004.

*Society for Social Choice and Welfare*, President, 2004-2006.

Listed in *Who's Who in Economics*, (M. Blaug ed).

Pareto Lecture: 2005 ASSET Meeting, Crete.

Plenary session speaker: XVII-th International Game Theory Conference at Stony Brook, 2006.

Keynote speaker: SING 3, Madrid, July 2007.

Keynote speaker: COMSOC. Liverpool, September 2008.

Plenary session speaker: Second Brazilian Meeting of the Game Theory Society, Sao Paulo, August 2010.

Plenary session speaker: Chinese Game Theory Association Inaugural Meeting, Beijing, August 2010.

Economic Theory Fellow, elected in 2011.

Keynote speaker, JOLATE, Bogotá, October 2012.

Keynote speaker, SING 9, Vigo, July 2013.

Keynote speaker, *Society for Economic Design*, Lund, July 2013.

Keynote speaker, *70 years of Theory of Games and Economic Behavior*, Tinbergen Institute, Amsterdam, June 2014.

Conference on the Axiomatics of Resource Allocation, held in the honor of 65th birthday, at the University of Rochester. Special issue of *Social Choice and Welfare* based on event, January 2017.

Conference on Distributive Justice, held in the honor of 65th birthday, at Seoul National University.

Fellow of the Game Theory Society, elected in 2017.

Plenary session speaker at the *Fair Allocation in MultiAgent Systems* conference, Montreal, May 2019.

Plenary session speaker at the *Applied Mathematics, Modeling and Computational Science*, Waterloo, August 2019.

John Stuart Mill Lecture, Lustrum of the Philosophy, Politics and Economics Program of the University of Amsterdam, June 2021.

Special issue of *International Journal of Economic Theory* in honor of William Thomson, edited by Youngsub Chun, Kazuo Nishimura, and Makoto Yano, 2022.

Lifetime Achievement in Graduate Education Award, University of Rochester, May 2022.

Plenary session at the Meeting of the Society for Statistics and Operations Research in Elche, Spain, November 2023.

Doctor Honoris Causa, University of Alicante, Spain, June 2024.

Conference “Collective Decisions and Economic Design”, held in the honor of 75th birthday, at the University of Alicante, Spain, June 2024.

**Research grants awarded:**

NSF Grant No SES 8006482, 1980-1982  
Sloan Foundation Grant, (co-investigator) 1980-1982  
NSF Grant No. SES 8311249, 1983-1984  
NSF Grant No. SES 8511136, 1985-1987  
NSF Grant No. SES 8809822, 1988-1990  
NSF Grant No. SES 9212557, 1992-1994  
NATO Institute, 1996 (for 1997 program).  
NSF Grant No SBR-9731431, 1998-2000.  
NSF Grant No SES-0214691, 2002-2004.  
NSF Grant No SES-07021107, 2007-2009.

**Theses supervised:**

Youngsub Chun (1986), Seoul National University, Korea  
Bhaskar Chakravorti (1987), Bellcore  
Larry Kranich (1988), Pennsylvania State University  
Dimitrios Diamantaras (1988), Temple University  
Koichi Tadenuma (1989), Hitotsubashi University, Japan  
Toshiaki Suematsu (1989), University of Shizuoka, Japan  
John Conley (1990), University of Illinois  
Simon Wilkie (1990), Bellcore  
Tomas Sjöström (1991), Harvard University  
Takehito Yamato (1992), Toyo University, Japan  
Shige Serizawa (1993), Osaka University, Japan  
Ken-Ichi Shimomura (1993), Kyoto University, Japan  
Sang-Young Sonn (1994), Korean Research Institute, Korea  
Sang-Chul Suh (1994), Windsor University, Canada  
Stephen Ching (1994), City University of Hong-Kong, Hong-Kong  
Tayfun Sönmez (1995), University of Michigan  
Sungwhee Shin (1995), Korea Energy Institute, Korea  
Tarık Kara (1996), Bilkent University, Turkey  
James Schummer (1997), Northwestern University (MEDS)  
Eiichi Miyagawa (1998), Columbia University.  
Andreas Westermarck (1998), University of Uppsala, Sweden  
Toru Hokari (2000), Kyoto University, Japan  
Atila Abdulkadiroglu (2000), Northwestern University  
Ozgür Kıbrıs (2000), CORE (Belgium), Sabanci University, Turkey  
Sang-kyu Rhee (2001), Korean Energy Institute, Korea  
Biung-Ghi Ju (2001), University of Kansas  
Hyunjun Kim (2001), CORE, Belgium  
Chun-Hsien Yeh (2002), Academia Sinica, Taiwan  
Christopher Chambers (2003), Caltech  
Toyotaka Sakai (2005), Yokohama City University, Japan  
Onur Kesten (2005), Carnegie-Mellon University  
Murat Atlamaz (2006), Bates and White  
Ozgur Yilmaz (2006), Koc University, Turkey  
Duygu Yengin (2007), University of Adelaide, Australia  
Diego Dominguez (2007), ITAM, Mexico.  
Çağatay Kayı(2007), University of Maastricht, Netherlands.  
Jorge Garcia (2008), Mexico Central Bank, Mexico

Rodrigo Velez (2009), Texas A and M  
 Yoichi Kasajima (2010), Waseda University, Japan  
 Paula Jaramillo (2010), Universidad de los Andes, Colombia  
 Vikram Manjunath (2011), University of Montreal, Canada  
 Azer Abizada (2012), University of Azerbaijan  
 Eun Jeong Heo (2012), Vanderbilt University  
 Ayse Yazici (2012), Durham University, UK  
 Jo Cho (2013), University of Manchester, UK  
 Nanyang Bu (2013), Fudan University, China  
 Karol Szwagrzak (2013), University of Southern Denmark  
 Siwei Chen (2013), Sun Yat-Sen University, China  
 Battal Doğan (2014), University of Lausanne, Switzerland  
 Ryan Tierney (2015), University of Montreal, Canada  
 Will Phan (2015), University of Helsinki, Finland  
 Patrick Harless (2016), University of Glasgow, UK  
 Andy MacKenzie (2017), Maastricht University, The Netherlands  
 Acelya Altuntas (2018), Deakin University, Australia  
 Yuki Tamura (2021), New York University, Abu Dhabi  
 Wataru Ishida (2024), Yokohama National University  
 Chang Woo Park (2025 expected)  
 Zeming Ma (2026 expected)

**External member of dissertation committee:** Carmen Bevia (University of Alicante, 1993); Thomas Piketty (Delta, 1993); François Maniquet (University of Namur, 1994); Pablo Amoros (University of Alicante, 1997); Bernardo Moreno (University of Alicante, 1997); Bettina Klaus (Maastricht University, 1998); Anne van Gellekom (Nijmegen, 2000); Abdurahman Ziad (University of Caen, 2000); Paulo Corte-Real (Harvard University, 2000); Lars Ehlers (Maastricht University, 2001); Sofia Grahm (Uppsala University, 2001); Juan Moreno-Ternero (University of Alicante, 2003); Julio Gonzalez-Diaz (University of Santiago de Compostela, 2005); Ricardo Martinez (University of Alicante, 2006); Marieke Quant (Tilburg University, 2006); Mateo Triossi (University Carlos III, 2006); Eve Ramaekers (University of Namur, 2006); Mirjam Groote Schaarsberg (Tilburg University, 2014); Peng Liu (Singapore Management University, 2017); Bas Dietzenbacher (Tilburg University, 2018); Maria Solis (Reus University, 2018); Oihane Gallo (University of the Basque Country, 2020); Di Feng (University of Lausanne, Switzerland, 2023); Iago Núñez Lugilde (University of Vigo, Spain, 2024)

## 1 Conferences organized

1. Decentralization Conference, University of Minnesota, Minneapolis, 1982.
2. Decentralization Conference, University of Rochester, 1987.
3. “The Legacy of Lionel McKenzie”, (co-organizer), University of Rochester, 1988.
4. Buffalo-Cornell-Rochester theory conference, Rochester coordinator. Organizer when it took place in Rochester.
5. Second International Conference for Social Choice and Welfare, Rochester, 1994.
6. NATO Advanced Research Institute “Game theory and resource allocation: the axiomatic method”, Stony Brook, 1997.
7. IXth International Game Theory Conference, Stony Brook, 1998.
8. “Axiomatics of Resource Allocation”, Wallis Institute mini conference; Rochester, May 2003,
9. “Game Theory and Social Choice”, Wallis Institute mini conference; Rochester, April 2004.
10. “Resource Allocation and Game Theory”, Wallis Institute mini conference; Rochester, April 2006.
11. “Roth and Sotomayor; Twenty Years After”, (co-organizer), Duke University, May 2010.
12. Osaka-Rochester Theory Mini Conference; (co-organizer), University of Rochester, September 2013.
13. “2nd GRODE Workshop: Claims Problems”; (co-organizer), Reus University, Spain, May 2017.
14. Osaka-Rochester Workshop on Alternatives-to-Market Design”, University of Rochester, was to be held in March 2020, cancelled due to Covid-19.

## 2 Books, Monographs

1. *Axiomatic Theory of Bargaining With a Variable Number of Agents* (with T. Lensberg), Cambridge University Press, 1989.
2. *The Legacy of Lionel McKenzie* (conference volume coedited with R. Becker, M. Boldrin and R. Jones), Academic Press, 1993.
3. *A Guide for the Young Economist*, M.I.T. Press, Cambridge, 2001, 2003. Revised second edition, 2011, includes additional chapter “Being



a graduate student in economics”. Revised third edition, in preparation.

- Chinese translation, Shanghai University of Finance and Economics Press, 2002.
  - Japanese translation, Tokyo Keizai publisher, Tokyo, 2006.
  - Catalan translation, 2013, University Rovira i Virgili Press.
  - Spanish translation of the second edition, further revised, University of Los Andes, Ediciones Uniandes, 2015.
4. *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, (collection of reprints of classic papers, with an introduction; editor), Edward Elgar Publishing Ltd, Camberly, Northampton, MA, 2010.
  5. *How to Divide when there Isn't Enough: from Aristotle, the Talmud, and Maimonides to the Axiomatics of Resource Allocation*, Monograph of the Econometric Society, Cambridge University Press, 2019.
  6. *The Axiomatics of Economic Design, Vol 1: an Introduction to Theory and Methods*, Springer Verlag, 2023.
  7. *Consistent Allocation Rules*, Cambridge University Press, forthcoming, 2024.
  8. *The Axiomatics of Economic Design: Models of Resource Allocation*, Springer Verlag, currently 350 pages, forthcoming, 2024.
  9. *Bargaining Theory: the Axiomatic Approach*, Academic Press, forthcoming.
  10. *The Theory of Fair Allocation*, Princeton University Press, forthcoming.

### 3 Articles

1. “Maximin strategies and elicitation of preferences,” in *Aggregation and Revelation of Preferences*, (J.-J. Laffont, ed.), North-Holland, 1979, 245-268.

2. "On allocations attainable through Nash equilibria, A comment," in *Aggregation and Revelation of Preferences*, (J.-J. Laffont, ed.), North-Holland, 1979, 420-431.
3. "Eliciting production possibilities from a well-informed manager," *Journal of Economic Theory*, 20 (1979), 360-380.
4. "Monotonicity and independence axioms," (with R.B. Myerson), *International Journal of Game Theory*, 9 (1980), 37-49. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.
5. "Two characterizations of the Raiffa solution," *Economics Letters*, 6 (1980), 225-231.
6. "Nash's bargaining solution and utilitarian choice rules," *Econometrica*, 49 (1981), 535-538.
7. "Independence of irrelevant expansions," *International Journal of Game Theory*, 10 (1981), 107-114.
8. "A class of solutions to bargaining problems," *Journal of Economic Theory*, 25 (1981), 431-441.
9. "An informationally efficient equity criterion," *Journal of Public Economics*, 18 (1982), 243-263.
10. "Incentives and information in labor-managed economies," *Journal of Comparative Economics*, 6 (1982), 248-268.
11. "Collective guarantee structures," *Economics Letters*, 11 (1983), 63-68.
12. "Equity in exchange economies," *Journal of Economic Theory*, 29 (1983), 217-244.
13. "The fair division of a fixed supply among a growing population," *Mathematics of Operations Research*, 8 (1983), 319-326. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.

14. "Guarantee structures for problems of fair division," (with T. Lensberg), *Mathematical Social Sciences*, 3 (1983), 205-218. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.
15. "Problems of fair division and the egalitarian principle," *Journal of Economic Theory*, 31 (1983), 211-226. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.
16. "Truncated egalitarian solutions," *Social Choice and Welfare*, 1 (1984), 25-32.
17. "The manipulability of resource-allocation mechanisms," *Review of Economic Studies*, 51 (1984), 447-460.
18. "Monotonicity, stability and egalitarianism," *Mathematical Social Sciences*, 8 (1984), 15-18.
19. "Axiomatic theory of bargaining with a variable population: a survey of recent results," Chapter 11 of *Game Theoretic Models of Bargaining* (A.E. Roth, ed.), Cambridge University Press (1985), 233-258.
20. "Theories of justice based on symmetry," (with H. Varian) Chapter 4 of *Social Goals and Social Organization*, volume in memory of E. Pazner (L. Hurwicz, D. Schmeidler and H. Sonnenschein, eds.), Cambridge University Press (1985), 107-129.
21. "Replication invariance of bargaining solutions," *International Journal of Game Theory*, 15 (1986), 59-63.
22. "Reversal of asymmetries of economic mechanisms under manipulation," *Economics Letters*, 21 (1986), 227-230.
23. "The Walrasian mechanism from equal division is not monotonic with respect to variations in the number of consumers" (with G. Chichilnisky), *Journal of Public Economics*, 32 (1987), 119-124.
24. "Monotonicity of bargaining solutions with respect to the disagreement point," *Journal of Economic Theory*, 42 (1987), 50-58. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.

25. "The vulnerability to manipulative behavior of economic mechanisms designed to select equitable and efficient outcomes," Chapter 14 of *Information, Incentives and Economic Mechanisms*, T. Groves, R. Radner and S. Reiter (eds.), University of Minnesota Press (1987), 375-396.
26. "Individual and collective opportunities," *International Journal of Game Theory*, 16 (1987), 245-252.
27. "Monotonicity properties of bargaining solutions when applied to economics," (with Y. Chun), *Mathematical Social Sciences*, 15 (1988), 1-27.
28. "The manipulability of the Shapley-value," *International Journal of Game Theory*, 17 (1988), 101-127.
29. "Characterizing the Nash bargaining solution without Pareto-optimality" (with T. Lensberg), *Social Choice and Welfare*, 5 (1988), 247-259. Reprinted in *Distributive Justice and Inequality* (W. Gaertner and P. Pattanaik, eds), Springer-Verlag, Berlin, 1988, 159-171.
30. "A study of choice correspondences in economies with a variable number of agents," *Journal of Economic Theory*, 46 (1988), 237-254.
31. "Can everyone benefit from growth? Two difficulties" (with H. Moulin), *Journal of Mathematical Economics*, 17 (1988), 339-345.
32. "Bargaining solutions and relative guarantees" (with Y. Chun), *Mathematical Social Sciences*, 17 (1989), 295-295.
33. "A refinement and extension of the no-envy concept" (with D. Diamantaras) *Economics Letters*, 33 (1990), 217-222.
34. "Bargaining problems with uncertain disagreement points" (with Y. Chun), *Econometrica*, 58 (1990), 951-959. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.
35. "Egalitarian solutions and uncertain disagreement points" (with Y. Chun), *Economics Letters*, 33 (1990), 29-33.
36. "Nash solution and uncertain disagreement points" (with Y. Chun), *Games and Economic Behavior*, 2 (1990), 213-223.

37. "On the non-existence of envy-free and egalitarian-equivalent allocations in economies with indivisibilities," *Economics Letters*, 34 (1990), 227-229.
38. "The consistency principle," in *Game Theory and Applications, Proceedings of the 1987 International Conference*, Ohio State University, Columbus, Ohio (T. Ichiishi, A. Neyman and Y. Tauman, eds.), Academic Press (1990) 187-215.
39. "Iterative planning procedures with a finite memory," (with L. Hurwicz), in *Theoretical Foundations of Development Planning* (B. Dahiya, ed.), Jan Tinbergen Educational Foundation Trust.
40. "No-envy and consistency in economies with indivisible goods" (with K. Tadenuma), *Econometrica*, 59 (1991) 1755-1767.
41. "Bargaining problems with claims" (with Y. Chun), *Mathematical Social Sciences*, 24 (1992) 19-33. Reprinted in *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, 2010.
42. "On the fair division of a heterogeneous commodity" (with M. Berliant and K. Dunz), *Journal of Mathematical Economics*, 21 (1992) 201-216.
43. "The fair allocation of an indivisible good when monetary compensations are possible," (with K. Tadenuma), *Mathematical Social Sciences*, 25 (1993) 117-132.
44. "Consistent allocation rules in atomless economies," (with L. Zhou), *Econometrica*, 61 (1993) 575-587.
45. "The replacement principle in public good economies with single-peaked preferences", *Economics Letters*, 42 (1993), 31-36.
46. "L'absence d'envie: une introduction", *Recherches Economiques de Louvain*, 60 (1994) 43-61.
47. "Notions of equal, or equivalent, opportunities," *Social Choice and Welfare*, 11 (1994), 137-156.
48. "Resource-monotonic solutions to the problem of fair division when preferences are single-peaked," *Social Choice and Welfare*, 11 (1994), 205-223.

49. "Consistent solutions to the problem of fair division when preferences are single-peaked," *Journal of Economic Theory*, 63 (1994), 219-245.
50. "Consistent extensions," *Mathematical Social Sciences*, 28 (1994) 35-49.
51. "Cooperative models of bargaining," *Handbook of Game Theory with Economic Applications* (R. Aumann and S. Hart, eds.), North Holland, 1994, 1237-1284.
52. "Population-monotonic solutions to the problem of fair division when preferences are single-peaked," *Economic Theory*, 5 (1995), 229-246.
53. "Population-monotonic allocation rules", Chapter 4 in *Social Choice, Welfare, and Ethics* (W. Barnett, H. Moulin, M. Salles and N. Schofield, eds) Cambridge University Press, 1995, 79-124.
54. "Games of fair division" (with K. Tadenuma), *Games and Economic Behavior*, 9 (1995), 191-204.
55. "Refinements of the no-envy solution in economies with indivisible goods," (with K. Tadenuma), *Theory and Decision* 39 (1995), 189-206.
56. "Concepts of implementation", *Japanese Economic Review* 47 (1996), 133-143.
57. "Cooperative theory of bargaining: the classical model", in *Cooperation: Game Theoretic Approach* , (S. Hart and A. Mas-Colell, eds), Springer-Verlag, 1997, 9-24.
58. "Cooperative theory of bargaining: modern developments", in *Cooperation: Game Theoretic Approach* , (S. Hart and A. Mas-Colell, eds), Springer-Verlag, 1997, 25-33.
59. "The replacement principle in private good economies with single-peaked preferences", *Journal of Economic Theory*, 76 (1997), 145-168.
60. "Two derivations of the uniform rule and an application to bankruptcy", (with James Schummer), *Economics Letters*, 55 (1997), 145-168.

61. "Axiomatic analysis of resource allocation", (with H. Moulin), in *Social Choice reexamined*, (K. Arrow, A. Sen and K. Suzumura, eds), London: McMillan 1997, 101-120.
62. "The replacement principle in economies with indivisible goods", *Social Choice and Welfare*, 15 (1998), 57-66.
63. "A comment on Bossert, Blackorby and Donaldson", in *Social Choice reexamined*, (K. Arrow, A. Sen and K. Suzumura, eds), London: McMillan.
64. "The young person's guide to writing economic theory", *Journal of Economic Literature*, 37 (1999) 157-183.  
Russian translation, 2005.
65. "Monotonic extensions on economic domains", *Review of Economic Design*, 4 (1999), 13-33.
66. "Economies with public goods: an elementary geometric exposition", *Journal of Public Economic Theory* 1 (1999), 139-176.
67. "Welfare-domination under preference-replacement: a survey and open questions", *Social Choice and Welfare* 16 (1999), 373-394.
68. "Règles d'allocation monotones en ressources: une revue de la littérature", *Revue Economique* 50 (1999), 757-796.
69. "On the fairness literature: a comment" (with M. Berliant and K. Dunz), *Southern Journal of Economics* 67 (2000), 479-484.
70. "On the axiomatic method and its recent applications to game theory and resource allocation", *Social Choice and Welfare*, 18 (2001), 327-387.
71. "Constrained egalitarianism: a new solution for claims problems" (with Y. Chun and J. Schummer), *Seoul Journal of Economics*, 14 (2002), 269-297.
72. "Group order preservation and the proportional rule for the adjudication of conflicting claims", (with C. Chambers), *Mathematical Social Sciences* 44 (2002), 235-252.

73. "Nash bargaining theory: fifty years later", in *Game Theory: a Festschrift in Honor of John Nash* (C. Kottaridi and G. Siourounis, eds), University of Athens, 2002.
74. "Claims problems and weighted generalizations of the Talmud rule", (with T. Hokari), *Economic Theory*, 21 (2003), 241-261.
75. "Axiomatic and game-theoretic analysis of bankruptcy and taxation problems: a survey", *Mathematical Social Sciences*, 45 (2003), 249-297.
76. "On monotonicity in economies with indivisible goods", *Social Choice and Welfare*, 21 (2003), 195-205.
77. "Convergence under replication of rules to adjudicate conflicting claims", (with Y. Chun), *Games and Economic Behavior*, 50 (2005), 129-142.
78. "Divide-and-permute", *Games and Economic Behavior*, 52 (2005), 186-200.
79. "A new solution to the problem of adjudicating conflicting claims", (with D. Dominguez), *Economic Theory*, 28 (2006), 283-307.
80. "Children crying at birthday parties; Why?", *Economic Theory*, 31 (2007), 501-521.
81. "On the existence of consistent rules to resolve conflicting claims: a geometric approach", *Review of Economic Design*, 11 (2007), 225-251.
82. "The two-agent claims-truncated proportional rule has no consistent extension: a constructive proof", *Economics Letters*, 98 (2008), 59-65.
83. "Fair allocation", in *The New Palgrave Dictionary of Economics* Second Edition. (S. Durlauf and L. Blume, eds), 2008, <[http://www.dictionaryofeconomics.com/article?id=pde2008\\_F000303](http://www.dictionaryofeconomics.com/article?id=pde2008_F000303)>.
84. "On properties of division rules lifted by bilateral consistency", (with T. Hokari), *Journal of Mathematical Economics* 44 (2008), 1057-1071.
85. "Two families of rules for the adjudication of conflicting claims", *Social Choice and Welfare* 31 (2008), 667-692.



86. "Operators for the adjudication of conflicting claims", (with Chun-Hsien Yeh) *Journal of Economic Theory* 143 (2008), 177-198.
87. "Implementation of solutions to the problem of fair division when preferences are single-peaked", *Review of Economic Design* 14 (2010), 1-15.
88. "Bargaining and the theory of cooperative games: John Nash and beyond", (Introduction to collection of reprints of classic papers on bargaining theory in book of the same title, Edward Elgar Publishing Ltd, Camberly, Northampton, MA), 2010.
89. "Fair allocation rules", in *Handbook of Social Choice and Welfare* (K. Arrow, A. Sen, and K. Suzumura, eds), North-Holland, Amsterdam, New York, 2011, 393-506.
90. "Borrowing-proofness of the Lindahl rule in Kolm triangle economies", in *Social Ethics and Normative Economics: Essays in Honour of Serge-Christophe Kolm*, (M. Fleurbaey, M. Salles, and J. Weymark, eds), Springer, 2011, 169-191.
91. "Consistency and its converse: an introduction", *Review of Economic Design* 15 (2011), 257-291.
92. "Let them cheat!" (with R. Velez), *Games and Economic Behavior* 75 (2012), 948-963.
93. "Lorenz rankings of rules for the adjudication of conflicting claims", *Economic Theory* 50 (2012), 547-569.
94. "On the axiomatics of resource allocation: Interpreting the consistency principle", *Economics and Philosophy* 28 (2012), 385-421.
95. "Game-theoretic analysis of bankruptcy and taxation problems: recent advances", *International Game Theory Review* (2013), 14 pages.
96. "A characterization of a family of rules for the adjudication of conflicting claims", *Games and Economic Behavior* 82 (2013), 157-168.
97. "New variable-population paradoxes for resource allocation", *Social Choice and Welfare* 42 (2014), 255-277.

98. “Axiomatic and game-theoretic analysis of bankruptcy and taxation problems: an update”, *Mathematical Social Sciences* 74 (2015), 41-59.
99. “Cooperative game theory”, (with T. Hokari), *International Encyclopedia of Social and Behavioral and Sciences*, Second Edition, 2015, 867-880.
100. “For claims problems, compromising between the proportional and constrained equal awards rules”, *Economic Theory* 60 (2015), 495-520.
101. “For claims problems, another compromise between the proportional and constrained equal awards rule”, *Journal of Dynamics and Games* 2 (2015), 363-382.
102. “Introduction to the theory of fair allocation”, in *Handbook of Computational Social Choice*, (F. Brandt, V. Conitzer, U. Endriss, J. Lange, A. Procaccia, eds), Cambridge University Press, Cambridge, New York, 2016, 261-283.
103. “Fair allocation”, in *Handbook of Well-being and Public Policy*, (M. Adler and M. Fleurbaey, eds), Oxford University Press, 2016, 193-226.
104. “A new proof of a characterization of the proportional rule for claims problems”, *Economics Letters* 145, (2016), 255-257.
105. “Non-bossiness”, *Social Choice and Welfare* 47 (2016), 665-696.
106. “On the terminology of economic design; a critical assessment and some proposals”, *Review of Economic Design* 22 (2018) 67-99
107. “Equal area rule to adjudicate conflicting claims”, in *Social Design: Essays in Memory of Leonid Hurwicz*, (W. Trockel, ed), Springer Verlag, 2019, 233-246.
108. “On the axiomatics of resource allocation: classifying axioms and mapping out promising directions”, in *The Future of Economic Design* (J.-F. Laslier, H. Moulin, and R. Sanver, ed), Springer, 2019, 213-222.
109. “The Shapley-value, a crown jewel of cooperative game theory”, preface to *Handbook of the Shapley value* (E. Algaba, V. Fragnelli, and J. Sanchez-Soriano, eds), CRC Press, Taylor & Francis, 2019.

110. “Reconciling consistency and continuity: A bounded-population characterization of the Nash bargaining solution”, *Homo Oeconomicus* 37 (2020), 43-57.
111. Interview conducted by Y. Chun and C. Chambers, in *Conversations on Social Choice and Welfare* (M. Fleurbaey and M. Salles, eds), Studies in Choice and Welfare series, Springer Verlag, 2021.
112. “On the axiomatic theory of bargaining: a survey of recent results”, *Review of Economic Design* 26 (2022), 491-542.
113. “Where should your daughter go to college? An axiomatic analysis”, *Social Choice and Welfare* 60 (2023), 313-330
114. “On the shape of Pareto sets in Edgeworth box economies”, *Economic Theory Bulletin* 11 (2023), 181-190.
115. “Strategy-proofness in private good economies with linear preferences: an impossibility result”, (with J. Cho), *Games and Economic Behavior* 142 (2023), 1012-1017.
116. “Consistent queueing rules” (with Rodrigo Velez), *Mathematical Programming* 203 (2024), 857-869.
117. “On the manipulability of allocation rules through endowment augmentation”, *Games and Economic Behavior* 146 (2024), 91-104.
118. “Constrained dictatorial rules are subject to variable-population paradoxes”, *Theory and Decision* 97 (2024), 299-310.
119. “Airport problems and cost allocation”, *Mathematical Social Sciences* 131 (2024), 17-31.
120. “Partial-implementation invariance and claims problems”, (with B. Dietzenbacher and Y. Tamura), *Social Choice and Welfare* 63 (2024), 203-229.
121. “Allocation rules are very generally vulnerable to the strategic withholding of endowments”, *International Journal of Game Theory*, 2024.
122. “Agent-wise-replication invariance, the Walrasian correspondence and the uniform rule”, *Economic Theory*, 2024.

123. “Preference manipulation lead to the uniform rule”. (with O. Bochet and T. Sakai), *Journal of Economic Theory*, 2024.
124. “Fully allocating a commodity among agents with single-peaked preferences”, *Social Choice and Welfare*, forthcoming, 2024.
125. “Population-monotonic solutions in public good economies with single-peaked preferences”, (with S. Ching), University of Rochester Working Paper, *Social Choice and Welfare*, forthcoming.

## 4 Book reviews

1. Thomas Schelling, “Choice and Consequence,” Harvard University Press, *Journal of Economic Literature*, 23 (1985), 616-617.
2. William Baumol, “Superfairness,” M.I.T. Press, *American Political Science Review*, 81 (1987), 1425-1426.
3. Hervé Moulin, “Axioms of Cooperative Decision Making,” Cambridge University Press (1989), *Economica*, (1990) 543-545.
4. Alvin E. Roth (editor), “The Shapley Value. Essays in Honor of Lloyd S. Shapley,” Cambridge University Press (1988), *Economica*, 58 (1990) 123-124.
5. Tatsuro Ichiishi, “The Cooperative Nature of the Firm”, Cambridge University Press, *Journal of Economic Literature*, 33 (1995), 1980-1981.
6. Serge-Christophe Kolm, “Justice and Equity”, M.I.T Press, *Journal of Economic Literature*, 67 (2000), 479-484.

## 5 Research papers

1. “The equilibrium allocations of Walras and Lindahl manipulation games,” University of Minnesota, Center for Economic Research Discussion Paper No. 790-111, July 1979.
2. “Recovering von Neumann-Morgenstern preferences from the acceptance frontier,” (with P. Dybvig), Harvard Institute of Economic Research Discussion Paper No. 959, January 1983.

3. “Can everyone benefit from growth? Another impossibility,” University of Rochester mimeo, May 1987.
4. “Monotonic allocation rules,” University of Rochester Discussion Paper No. 116, December 1987, revised 1995.
5. “Monotonic allocation rules in economies with public goods,” University of Rochester Discussion Paper No. 117, December 1987, revised 1995.
6. “Manipulation and implementation of solutions to the problem of fair division when preferences are single-peaked,” University of Rochester mimeo, December 1990.
7. “On the computational implications of converse consistency,” University of Rochester mimeo, December 1991, revised August 2010.
8. “Consistency in exchange economies”, University of Rochester mimeo, 1992.
9. “”Bargaining“; an etymological note”, University of Rochester mimeo, 1990, revised 1995.
10. “The replacement principle in classical economies with private goods”, University of Rochester, May 1996.
11. “The case for “implémentation”, a terminological note”, 1999.
12. “Endowment monotonicities in economies with single-peaked preferences”, October 1995.
13. “Option monotonicity”, mimeo, revised 2010.
14. “Borrowing-proofness in public good economies”, mimeo, June 2005, revised 2023.
15. “Borrowing-proofness in economies with indivisible goods”, (with M. Atlamaz), mimeo, June 2010.
16. “On the extension of the uniform rule to multiple commodities: existence and maximality-of-domains results”, (with J. Cho), June 2011, revised March 2023.

17. “Merging and splitting endowments in object assignment problems”, (with N. Bu and S. Chen), 2014.
18. “On the minimal overlap rule”, mimeo, August 2024.
19. “On the non-existence of withholding-proof rules in classical exchange economies”, mimeo, August 2024.
20. “Other-regarding endowment monotonicity in private good economies”, mimeo, March 2024.
21. “Utility distortion games in claims problems” (with B. Dietzenbacher), July 2024.