

CURRICULUM VITAE

JOSEPH GREENBERG

PLACE & DATE OF BIRTH: Tel Aviv, Israel, November 26, 1948

EDUCATION

- 1966-69 Military Service
- 1971 B.A. Mathematics and Economics (with distinction)
Hebrew University of Jerusalem
- 1972 M.A. Economics (with Distinction)
Hebrew University of Jerusalem
- 1976 Ph.D. Economics
Hebrew University of Jerusalem

PROFESSIONAL EXPERIENCE

- 1971-72 Teaching Assistant, Hebrew University of Jerusalem, Israel
- 1973-75 Instructor, Hebrew University of Jerusalem, Israel
- 1975-76 Lecturer, Northwestern University, Evanston, Illinois
- 1976-77 C.O.R.E. Fellow, UCL, Louvain, Belgium
- 1977-80 Associate Professor, V.P.I. & S.U., Blacksburg, Virginia
- 1979-82 Associate Professor, University of Haifa, Israel
- 1980-81 Visiting Professor, University of Bonn, West Germany
- 1982-83 Chair, Department of Economics, University of Haifa
- 1983-84 Professor, University of Haifa
- 1984-86 Visiting Professor, Stanford University, USA
- Spring 1990 Distinguished Visiting Professor, U.C. Davis, USA
- 1991- Professor, McGill University, Montreal, Canada

SPECIAL AWARDS

Chaire Francqui Internationale, 1987 (Belgium)

Dow Professor of Political Economy, McGill University

PUBLICATIONS

1. "Efficiency of Tax Systems Financing Public Goods in General Equilibrium Analysis," *Journal of Economic Theory*, 1975, 168-195.
2. "An Elementary Proof of the Existence of a Competitive Equilibrium with Weak Gross Substitutes," *Quarterly Journal of Economics*, 1977, 513-216.
3. "Quasi Equilibrium in Abstract Economies without Ordered Preferences," *Journal of Mathematical Economics*, 1977, 163-165.
4. "Advantageous Monopolies," *Journal of Economic Theory*, 1977, 394-402 (with B. Shitovitz).
5. "Existence of an Equilibrium with Arbitrary Tax Schemes for Financing Local Public Goods," *Journal of Economic Theory*, 1977, 137-150.
6. "Some Limitations of Groves-Ledyard Optimal Mechanism," *Journal of Public Choice*, 1977, 129-137 (with R.M. Mackay and Nicholas Tideman).
7. "Pure and Local Public Goods: A Game Theoretic Approach," *Essays in Public Economics*, Agnar Sandmo, ed., Heath and Co., Lexington, Mass., 1978, 49-78.
8. "Stability when Mobility is Restricted by the Existing Coalition Structure," *Journal of Economic Theory*, 1979, 213-221.
9. "Existence and Optimality of Equilibrium in Labour Managed Economies," *Review of Economic Studies*, 1979, 419-433.
10. "Consistent Majority Rules over Compact Sets of Alternatives," *Econometrica*, 1979, 627-636.
11. "Existence of Equilibrium in Atomless Production Economies with Price Dependent Preferences," *Journal of Mathematical Economics*, 1979, 31-41 (with B. Shitovitz and a. Wiczorek).
12. "Efficiency and Altruism in Cooperatkiye Games with Coalition Structures," *Applied Game Theory*, G. Schwediauer (ed.), Physical-Verlag, Vienna, 1979, 1-10.

13. "Equilibria under Price Rigidities and Externalities," *Game Theory and Related Topics*, O. Moeschlin (ed.), North Holland, 1979, 291-300 (with H. Muller).
14. "Hedonic Coalitions: Optimality and Stability," *Econometrica*, 1980, 987-1003 (with J. Dreze).
15. "Unilateral Transfers and Pareto Optimality," *Econometrica*, 1980, 777-779 (with A. Katz).
16. "Beneficial Altruism," *Journal of Economic Theory*, 1980, 12-22.
17. "Cores of Finite Oligopolistic Markets with Non-Convex Preferences for Small Traders," *Game and Theory and Mathematical Economics*, D. Pallaschke (ed.), North Holland, 1981, 209-215 (with B. Shitovitz).
18. "The Equivalence of Superadditivity and Balancedness in the Proportional Tax Game," *Economics Letters*, 1982, 113-17 (with S. Weber).
19. "Local Public Goods and Mobility: Existence and Optimality of a General Equilibrium," *Journal of Economic Theory*, 1983-17-33.
20. "A Core Equivalence Theorem with an Arbitrary Communication Structure," *Journal of Mathematical Economics*, 1983, 43-55 (with S. Weber).
21. "Avoiding Tax Avoidance A (repeated) Game Theoretic Approach," *Journal of Economic Theory*, 1984, 1-13.
22. "Wage Rigidities, Unemployment Compensations and Pareto Optimality," *Economics Letters*, 1984, 165-168.
23. "Balancedness, Nonemptiness of the Core and the Existence of a Majority Equilibrium," *International Journal of Game Theory*, 1985, 65-68, (with S. Weber).
24. "Consistent -relative Majority Equilibrium," *Econometrica*, 1985, 463-464, (with S. Weber).
25. "Cores of Convex Games without Side Payments," *Mathematics of Operations Research*, 1985, 523-525.
26. "Aumann-Shapley Prices as a Scarf Social Equilibrium," *Journal of Economic Theory*, 1984, 380-382 (with B. Shitovitz).
27. "Multiparty Equilibria under Proportional Representation," *American Political Science Review*, 1985, 693-703 (with S. Weber).
28. "Strong Tiebout Equilibrium Under Restricted Preferences Domain," *Journal of Economics Theory*, 1986, 101-117 (with S. Weber).

29. "A Simple Proof of the Equivalence Theorem for Oligopolistic Mixed Markets," *Journal of Mathematical Economics*, 1986, 79-83, (with B. Shitovitz).
30. "Multiparty Competition with Entry: The Effect of Electoral Rewards on Candidate Behavior and Equilibrium," *American Political Science Review*, 1987, 525-537, (with K. Shepsle).
31. "Consistent Voting Rules for Competitive Local Public Goods Economies," *Journal of Economic Theory*, 1988, 223-236 (with B. Shitovitz).
32. "A Strategic Aspect of the Strong Positive Association Condition," *Economics Letters*, 1988, 225-226.
33. "Payoffs in Generalized Sequential Bargaining Games," *Economics Letters*, 1988, 33-55.
34. "Deriving Strong and Coalition-Proof Nash Equilibria from an Abstract System," *Journal of Economic Theory*, 1989, 195-202.
35. "Job Matching Through the Signaling Mechanism," *Economic Design (Special issue of European Journal of Political Economy)*, 1989, 297-215.
36. "An Application of the Theory of Social Situations to Repeated Games," *Journal of Economic Theory*, 1989, 278-293.
37. "The Theory of Social Situations: Illustrated by and Applied to Extensive Form Games," *Economic Decision-Making: Games, Econometrics and Optimization, Contributions in Honour of Jacques H. Dreze, J.J. Gabszewic, J.F. Richard and L.A. Wolsey* (eds.), North Holland, 1990, 207-231.
38. "On the Sensitivity of von Neumann and Morgenstern Abstract Stable Sets: The Stable and the Individual Stable Bargaining Set," *International Journal of Game Theory*, v. 21, 1992, 41-55.
39. "Stable Coalition Structures in Consecutive Games," *Frontiers of Game Theory*, Biranore, Kirman and Tani (eds.), MIT Press (with S. Weber), 1993, 103-115.
40. "Stable Coalition Structures with Unidimensional Set of Alternatives," *Journal of Economic Theory*, (with S. Weber), v. 60, no. 1, June 1993, 62-82.
41. "The Optimistic Stability of the Core of Mixed Markets," *Journal of Mathematical Economics*, (with B. Shitovitz), 1994, 379-386.
42. "Coalition Structures," *Handbook of Game Theory*, R.J. Aumann and S. Hart (eds.), Elsevier Science B. V., v. 2, ch. 37, 1994, 1306-1332.

43. "Implementing Strong and Lower Strong Positive Association Social Choice Rules by Social Procedure", in Imperfections and Behaviour in Economic Organizations, Series c; Game Theory, Math, Programming and Operations Research, Robert P. Gillies, and Pieter H.M. Pays, eds., Kluwer Publishers, July 1994.
44. "Una revision de la teoria de las situaciones sociales" ("The Theory of Social Situations: an Overview"), *Cuadernos Economicos de I.C.E.*, 1995, vol. 60, no. 2, pp. 89-122.
45. "Multistage Situations," *Econometrica*, (with D. Monderer and B. Shitovitz), November 1996, 1415-1437.
46. "Situation Approach to Cooperation", On Cooperation, NATO volume, A. Mas-Colell (editor), 1996, pp. 128-160.
47. "The Right to Remain Silent", *Theory and Decision*, 2000, vol. 48, pp. 193-204.
48. J. Greenberg, X. Luo, G. Oladi and B. Shitovitz, "(Sophisticated) Stable Sets in Exchange Economies", *Games and Economic Behavior*, vol. 39, pp.54-70, April 2002.

BOOKS

The Theory of Social Situations: An Alternative Game-Theoretic Approach, Cambridge University Press, 1990.

PAPERS IN PROGRESS

J. Greenberg, Sudheer Gupta and Luo Xiao, "Mutually acceptable course of action".

J. Greenberg, Shlomo Weber and Akira Yamazaki, "On blocking coalitions".

J. Greenberg and Efe Postalchi, "Characterization of stable Nash networks with production".