

Principal Publications of Robert B. Wilson

Economic Theory

Wilson, R., The Theory of Syndicates, *Econometrica*, 1968, 36:119-132.

Ekern, S. and Wilson, R., On the Theory of the Firm in an Economy with Incomplete Markets, *Bell J. Economics*, 1974, 5:171-180.¹

Wilson, R., Informational Economies of Scale, *Bell J. Economics*, 1975, 6:184-195.²

Wilson, R., The Bilinear Complementarity Problem and Competitive Equilibria of Piecewise Linear Economic Models, *Econometrica*, 1978, 46:87-103.

Wilson, R., Competitive Exchange, *Econometrica*, 1978, 46:577-585.

Wilson, R., Information, Efficiency, and the Core of an Economy, *Econometrica*, 1978, 46: 807-816.³

Gül, F., Sonnenschein, H., and Wilson, R., Foundations of Dynamic Monopoly and the Coase Conjecture, *J. Economic Theory*, 1986, 39:155-190.⁴

Chao, H., and Wilson, R., Priority Service: Pricing, Investment, and Market Organization, *American Economic Review*, 1987, 77:899-916.

Wilson, R., Efficient and Competitive Rationing, *Econometrica*, 1989, 57:1-40.⁵

Wilson, R., *Nonlinear Pricing*. New York: Oxford University Press, 1993. ISBN 0-19-506885-8. Paperback edition 1997.⁶

Wilson, R., Architecture of Power Markets, *Econometrica*, 2002, 70:1299-1340.

¹ Reprinted as Chapter 10 in: M. McGill and M. Quinzii (eds.), *Incomplete Markets*, Edward Elgar Publishing, London, 2008, ISBN 978 1 84542 862 4.

² Reprinted in G. Heal (ed.), *The Economies of Increasing Returns*, Edward Elgar Publishing, London, 1999.

³ Reprinted in: D. Glycopantis and N. Yannelis (eds.), *Differential Information Economies*, pp. 55-64, Springer-Verlag, New York, ISBN 3-540-21424-0.

⁴ Reprinted in: Peter B. Linhart, Roy Radner, and Mark A. Satterthwaite (eds.), *Bargaining with Incomplete Information*, Chapter 12, pp. 264-299, Academic Press, San Diego, 1992.

⁵ Reprinted in Ray Rees (ed.), *The Economics of Public Utilities*, Edward Elgar Publishing Ltd., London, 2006.

⁶ Reviewed by Richard Schmalensee, *J. Political Economy*, December 1994, 102(6): 1288-1291; and by John C. Panzar, *J. Economic Literature*, September 1995, 33(3): 1339-1341. Winner of the 1995 Leo Melamed Prize of the Graduate School of Business of the University of Chicago.

Auctions and Market Design

Wilson, R., Competitive Bidding with Disparate Information, *Management Science*, 1969, 15:446-448.⁷

Wilson, R., A Bidding Model of Perfect Competition, *Review of Economic Studies*, 1977, 4:511-518.⁸

Wilson, R., Auctions of Shares, *Quarterly J. Economics*, 1979, 93:675-689.⁹

Wilson, R., Incentive Efficiency of Double Auctions, *Econometrica*, 1985, 53:1101-1116.¹⁰

Game Theory

Kreps, D. and Wilson, R., Sequential Equilibria, *Econometrica*, 1982, 50:863-894.

Kreps, D., and Wilson, R., Reputation and Imperfect Information, *J. Economic Theory*, 1982, 27:253-279.¹¹

Kreps, D., Milgrom, P., Roberts, J, and Wilson, R., Rational Cooperation in the Finitely Repeated Prisoners' Dilemma, *J. Economic Theory*, 1982, 27:245-252.¹²

Kennan, J., and Wilson, R., Bargaining with Private Information, *J. Economic Literature*, 1993, 31:45-104.¹³

Wilson, R., Negotiation with Private Information: Litigation and Strikes, in D. Jacobs, E. Kalai, and M. Kamien (eds.), *Frontiers of Research in Economic Theory: The Nancy L. Schwartz Memorial Lectures 1983-1997*, Econometric Society Monograph Series, 1998; pp.160–182. New York: Cambridge University Press. Published by Northwestern University in 1996 as a booklet.

⁷ Reprinted in: Steven A. Lippman and David K. Levine (eds.), *The Economics of Information*, Edward Elgar Publishing, London, 1994; and P. Klemperer (ed.), *The Economic Theory of Auctions*, Edward Elgar Publishing, London, 1999.

⁸ Reprinted in: P. Klemperer (ed.), *The Economic Theory of Auctions*, Edward Elgar Publishing, London, 1999.

⁹ Reprinted in: P. Klemperer (ed.), *The Economic Theory of Auctions*, Edward Elgar Publishing, London, 1999.

¹⁰ Reprinted in: P. Klemperer (ed.), *The Economic Theory of Auctions*, Edward Elgar Publishing, London, 1999.

¹¹ Reprinted in: Oliver Williamson (eds.), *Industrial Organization*, 1990 (paperback edition 1996); London: Edward Elgar Publishing Ltd. Also in: Jean Gabszewicz and Jacques-François Thisse (eds.), *Microeconomic Theories of Imperfect Competition: Old Problems and New Perspectives*, 1998; London: Edward Elgar Publishing Ltd.

¹² Reprinted in: A. Rubinstein (ed.), *Game Theory*, 1991; London: Edward Elgar Publishing Ltd.

¹³ Reprinted in A. Booth (ed.), *The Economics of Labor Unions*, Edward Elgar Publishing Ltd., 2001.

Govindan, S., and Wilson, R., Equivalence and Invariance of the Index and Degree of Nash Equilibria, *Games and Economic Behavior*, 1997, 21:56–61.

Govindan, S., and Wilson, R., Direct Proofs of Generic Finiteness of Nash Equilibrium Payoffs, *Econometrica*, 2001, 69:765 – 769.

Govindan, S., and Wilson, R., Structure Theorems for Game Trees, *Proceedings of the National Academy of Sciences USA*, 2002, 99:9077-9080.

Govindan, S., and Wilson, R., Essential Equilibria, *Proceedings of the National Academy of Sciences USA*, 2005, 102:15706-15711.

Govindan, S., and Wilson, R., Sufficient Conditions for Stable Equilibria, *Theoretical Economics*, 2006, 1:167–206.

Wilson, R., Supply Function Equilibrium in a Constrained Transmission System, *Operations Research*, 2008, 56:369-382.

Govindan, S., and Wilson, R., Metastable Equilibria, *Mathematics of Operations Research*, 2008, 33:787-820.

Govindan, S., and Wilson, R., On Forward Induction, *Econometrica*, 2009, 77:1–28.

Social Choice Theory

Wilson, R., An Axiomatic Model of Logrolling, *American Economic Review*, 1969, 59:331-341.

Wilson, R., Social Choice Theory without the Pareto Principle, *J. Economic Theory*, 1972, 5:478-486.

Wilson, R., On the Theory of Aggregation, *J. Economic Theory*, 1975, 10:89-99.

Computation

Wilson, R., *A Simplicial Algorithm for Concave Programming*. Boston: Harvard Business School, 1963.

Wilson, R., Computing Equilibria of N-Person Games, *SIAM J. Applied Mathematics*, 1971, 21:80-87.

Manne, A., Chao, H., and Wilson, R., Computation of Competitive Equilibria by a Sequence of Linear Programs, *Econometrica*, 1980, 48:1595-1615.

Wilson, R., Computing Simply Stable Equilibria, *Econometrica*, 1992, 60:1039-1070.

Govindan, S., and Wilson R., A Global Newton Method to Compute Nash Equilibria, *J. Economic Theory*, 2003, 110:65-86.

Govindan, S., and Wilson, R., Computing Nash Equilibria by Iterated Polymatrix Approximation, *J. Economic Dynamics and Control*, 2004, 28:1229-1241.

Govindan, S., and Wilson R., Global Newton Method for Stochastic Games, *J. Economic Theory*, 2009, 44:414–421.

Govindan, S., and Wilson R., A Decomposition Algorithm for N-Player Games, *Economic Theory*, 2010, 42:--.