

REFERENCES

- Abelson, R. P., & Levi, A. (1985). Decision making and decision theory. In G. Lindzey & E. Aronson (Eds.), *Handbook of Social Psychology, Vol. 1, Theory and Method*. (pp. 231-309). New York, NY: Erlbaum.
- Abreu, D., & Ariel, R. (1988). The structure of Nash equilibrium in repeated games with finite automata. *Econometrica*, *56*, 1259-1281.
- Adams, J. S. (1963). Towards an understanding of inequity. *Journal of Abnormal & Social Psychology*, *67*, 422-436.
- Adams, J. S. (1965). Inequity in social exchange. In L. Berkowitz (Ed.), *Advances in experimental social psychology* (Vol. 2, pp. 267-299). San Diego, CA: Academic Press.
- Anderson, J. R. (1991). Is human cognition adaptive? *Behavioral & Brain Sciences*, *14*, 471-517.
- Aumann, R. J. (1981). Survey of repeated games. In *Essays in game theory and mathematical economic in honor of Oskar Morgenstern* (pp. 11-42). Bibliographisches Institut. Mannheim: Wissenschaftsverlag.
- Aumann, R. J. (1989). *Lectures on game theory*. (Vol. 120). Boulder, CO: Westview.
- Axelrod, R. (1984). *The evolution of cooperation*. New York, NY: Basic Books.
- Axelrod, R. (1987). The evolution of strategies in the iterated prisoner's dilemma. In L. Davis (Ed.), *Genetic algorithms: A simulated annealing* (pp. 32-41). London: Pitman.
- Axelrod, R., & Dion, D. (1988). The further evolution of cooperation. *Science*, *242*, 1385-1390.
- Axelrod, R., & Hamilton, W. D. (1981). The evolution of cooperation. *Science*, *211*, 1390-1396.
- Barrett-Howard, E., & Tyler, T. R. (1986). Procedural justice as a criterion in allocation decisions. *Journal of Personality & Social Psychology*, *50*, 296-304.
- Berg, J., Dickhaut, J. W., & McCabe, K. A. (1995). Trust, reciprocity, and social history. *Games & Economic Behavior*, *10*, 122-142.
- Binmore, K. (1992). *Fun and games*. Lexington, MA: D. C. Heath.
- Binmore, K. (1994). *Game theory and the social contract. Volume 1 Playing fair*. Cambridge: MIT Press.
- Binmore, K. (1998). *Game theory and the social contract. Volume 2 Just playing*. Cambridge: MIT Press.

- Binmore, K., & Samuelson, L. (1992). Evolutionary stability in repeated games played by finite automata. *Journal of Economic Theory*, 57, 278-305.
- Binmore, K., & Samuelson, L. (1994). An economist's perspective on the evolution of norms. *Journal of Institutional & Theoretical Economics*, 150, 45-63.
- Bolle, F. (1998). Rewarding trust: An experimental study. *Theory & Decision*, 45, 83-98.
- Bolton, G. E. (1991). A comparative model of bargaining: Theory and evidence. *American Economic Review*, 81, 1096-1136.
- Bolton, G. E. (1997). The rationality of splitting equally. *Journal of Economic Behavior & Organization*, 32, 365-381.
- Bolton, G. E., & Ockenfels, A. (2000). ERC: A theory of equity, reciprocity, and competition. *American Economic Review*, 90, 166-193.
- Boon, S. D., & Holmes, J. G. (1991). The dynamics of interpersonal trust: Resolving uncertainty in the face of risk. In R. A. Hinde & J. Groebel (Eds.), *Cooperation and prosocial behaviour* (pp. 190-211). Cambridge: Cambridge University Press.
- Boyd, R. (1989). Mistakes allow evolutionary stability in the repeated prisoner's dilemma game. *Journal of Theoretical Biology*, 136, 47-56.
- Boyd, R., & Lorberbaum, J. P. (1987). No pure strategy is evolutionarily stable in the repeated prisoner's dilemma game. *Nature*, 327, 58-59.
- Brandts, J., & Charness, G. (2000). Hot vs. cold: Sequential responses and preference stability in experimental games. *Experimental Economics*, 2, 227-238.
- Broeder, A. (2000). Assessing the empirical validity of the 'Take-the-best' heuristic as a model of human probabilistic inference. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 26, 1332-1346.
- Brown, G. W. (1951). Iterative solutions of games by fictitious play. In T. C. Koopmans (Ed.), *Activity analysis of production and allocation* (pp. 374-376). New York, NY: Wiley.
- Browne, M. W. (2000). Cross-validation methods. *Journal of Mathematical Psychology*, 44, 108-132.
- Brunswik, E. (1956). *Perception and the representative design of psychological experiments (2nd ed.)*. Berkeley, CA: University of California Press.
- Bugental, D. B. (2000). Acquisition of the algorithms of social life: A domain-based approach. *Psychological Bulletin*, 126, 187-219.

- Bussemeyer, J. R., & Myung, I. J. (1992). An adaptive approach to human decision making: Learning theory, decision theory, and human performance. *Journal of Experimental Psychology: General*, *121*, 177-194.
- Camerer, C. (1997). Progress in Behavioral Game Theory. *Journal of Economic Perspectives*, *11*, 167-188.
- Camerer, C., & Ho, T.-H. (1998). Experience-weighted attraction learning in coordination games: Probability rules, heterogeneity, and time-variation. *Journal of Mathematical Psychology*, *42*, 305-326.
- Camerer, C., & Ho, T.-H. (1999a). Experience-weighted attraction learning in games: Estimates from weak-link games. In David V. Budescu & I. Erev (Eds.), *Games and human behavior: Essays in honor of Amnon Rapoport* (pp. 31-51). Mahwah, NJ: Lawrence Erlbaum Associates.
- Camerer, C., & Ho, T.-H. (1999b). Experience-weighted attraction learning in normal form games. *Econometrica*, *67*, 827-874.
- Camerer, C., & Thaler, R. H. (1995). Ultimatums, dictators and manners. *Journal of Economic Perspectives*, *9*, 209-219.
- Caporael, L. R., Dawes, R. M., Orbell, J. M., & Van de Kragt, A. J. (1989). Selfishness examined: Cooperation in the absence of egoistic incentives. *Behavioral & Brain Sciences*, *12*, 683-739.
- Cohen, J. (1988). *Statistical power analysis for the behavioral sciences*. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Cosmides, L., & Tooby, J. (1992). Cognitive adaptations for social exchange. In J. H. Barkow, L. Cosmides, & J. Tooby (Eds.), *The adapted mind*. Oxford: Oxford University Press.
- Dawkins, R. (1976). *The selfish gene*. Oxford: Oxford University Press.
- Deutsch, M. (1973). *The resolution of conflict*. London: Yale University Press.
- Deutsch, M. (1975). Equity, equality, and need: What determines which value will be used as the basis of distributive justice? *Journal of Social Issues*, *31*, 137-149.
- Deutsch, M., & Lewicki, R. J. (1970). "Locking-in" effects during a game of chicken. *Journal of Conflict Resolution*, *14*, 367-378.
- Drolet, A., Larrick, R., & Morris, M. W. (1998). Thinking of others: How perspective taking changes negotiators' aspirations and fairness perceptions as a function of negotiator relationships. *Basic & Applied Social Psychology*, *20*, 23-31.

- Dupre, J. (Ed.). (1987). *The latest on the best: Essays on evolution and optimality*. Cambridge, MA: MIT Press.
- Elster, J. (1989). Social Norms and Economic Theory. *Journal of Economic Perspectives*, 3, 99-117.
- Engle-Warnick, J., & Slonim, R. L. (2001). Inferring repeated game strategies from actions: Evidence from trust game experiments. *Submitted for publication*.
- Erev, I., & Roth, A. E. (1998). Predicting how people play games: Reinforcement learning in experimental games with unique, mixed strategy equilibria. *The American Economic Review*, 88, 848-881.
- Erev, I., & Roth, A. E. (1999). Learning, reciprocation and the value of bounded rationality. In G. Gigerenzer & R. Selten (Eds.), *Bounded Rationality: The adaptive Toolbox*. Cambridge, MA: MIT Press.
- Falk, A., & Fischbacher, U. (2000). A theory of reciprocity. *In preparation*.
- Fehr, E., Gächter, S., & Kirchsteiger, G. (1997). Reciprocity as a contract enforcement device: Experimental evidence. *Econometrica*, 65, 833-860.
- Fehr, E., Kirchsteiger, G., & Riedl, A. (1993). Does fairness prevent market clearing? An experimental investigation. *The Quarterly Journal of Economics*, 108, 437-459.
- Fehr, E., & Schmidt, K. M. (1999). A theory of fairness, competition, and cooperation. *The Quarterly Journal of Economics*, 114, 817-868.
- Fiske, A. P. (1992). The four elementary forms of sociality: Framework for a unified theory of social relations. *Psychological Review*, 99, 689-723.
- Folger, R. (1977). Distributive and procedural justice: Combined impact of voice and improvement on experienced inequity. *Journal of Personality & Social Psychology*, 35, 108-119.
- Forsythe, T., Horowitz, J. L., Savin, N. E., & Sefton, M. (1994). Fairness in simple bargaining experiments. *Games and Economic Behavior*, 6, 347-369.
- Frank, R. H. (1987). If homo economicus could choose his own utility function, would he want one with a conscience? *American Economic Review*, 77, 593-604.
- Fudenberg, D., & Levine, D. K. (1998). *Learning in Games*. Cambridge, MA: MIT Press.
- Fudenberg, D., & Tirole, J. (1991). *Game theory*. Cambridge, MA: MIT Press.
- Gallo, P. S., & McClintock, C. G. (1965). Cooperation and competitive behavior in mixed-motive games. *Journal of Conflict Resolution*, 9, 68-78.
- Gibson, J. J. (1979). *The ecological approach to visual perception*. Houghton: Mifflin.

- Gigerenzer, G. (1991). From tools to theories: A heuristic of discovery in cognitive psychology. *Psychological Review*, 98, 254-267.
- Gigerenzer, G., & Hug, K. (1992). Domain-specific reasoning: Social contracts, cheating, and perspective change. *Cognition*, 43, 127-171.
- Gigerenzer, G., & Todd, P. M. (1999). Fast and frugal heuristics: The adaptive toolbox. In G. Gigerenzer, P. M. Todd, & the ABC Research Group (Eds.), *Simple heuristics that make us smart* (pp. 3-34). New York: Oxford University Press.
- Gigerenzer, G., Todd, P. M., & the ABC Research Group (1999). *Simple heuristics that make us smart*. New York: Oxford University Press.
- Gneezy, U., Güth, W., & Verboven, F. (1998). Presents or investments? An experimental analysis. *Tilburg CentER for Economic Research, Discussion paper No. 9844*.
- Goldberg, D. E. (1989). *Genetic algorithms in search, optimization, and machine learning*. Reading, MA: Addison-Wesley.
- Goldberg, D. E., & Deb, K. (1991). A comparative analysis of selection schemes used in genetic algorithms. In G. J. E. Rawlins (Ed.), *Foundations of genetic algorithms*. San Mateo, CA: Morgan Kaufmann.
- Good, D. (1988). Individual, interpersonal relations, and trust. In D. Gambetta (Ed.), *Trust. Making and breaking cooperative relations* (pp. 31-48). New York, NY: Basil Blackwell.
- Gumpert, P., Deutsch, M., & Epstein, Y. (1969). Effect of incentive magnitude on cooperation in the Prisoner's Dilemma game. *Journal of Personality & Social Psychology*, 11, 66-69.
- Güth, W., & Kliemt, H. (1995). Elementare spieltheoretische Modelle sozialer Kooperation. *Ökonomie und Gesellschaft*, 12, 12-62.
- Güth, W., Ockenfels, P., & Wendel, M. (1997). Cooperation based on trust. An experimental investigation. *Journal of Economic Psychology*, 18, 15-43.
- Güth, W., Schmittberger, R., & Schwarz, R. (1982). An experimental analysis of ultimatum bargaining. *Journal of Economic Behavior and Organization*, 3, 367-388.
- Hamilton, W. D. (1964). The genetical theory of social behavior. *Journal of Theoretical Biology*, 7, 1-32.
- Hertwig, R., & Ortmann, A. (2001). Experimental practices in economics: A methodological challenge for psychologists? *Behavioral & Brain Sciences*, 24, in press.

- Hoffman, E., McCabe, K. A., & Smith, V. (1996). On expectations and the monetary stakes in ultimatum games. *International Journal of Game Theory*, 25, 289-301.
- Hoffmann, R. (1999). The independent localisations of interaction and learning in the repeated prisoner's dilemma. *Theory and Decision*, 47, 57-72.
- Hopcroft, J. E., & Ullman, J. D. (1979). *Introduction to automata theory, languages, and computation*. Reading, MA: Addison-Wesley.
- Jacobsen, E., & Sadrieh, A. (1996). Experimental proof for the motivational importance of reciprocity. *University Bonn, Discussion paper No. B-386*, 303.
- Kagel, J. H., Kim, C., & Moser, D. (1996). Fairness in ultimatum games with asymmetric information and asymmetric payoffs. *Games and Economic Behavior*, 13, 100-110.
- Kahneman, D., Knetsch, J. L., & Thaler, R. H. (1986). Fairness and the assumptions of economics. *Journal of Business*, 59, 285-300.
- Kirchler, E., Fehr, E., & Evans, R. (1996). Social exchange in the labor market: Reciprocity and trust versus egoistic money maximization. *Journal of Economic Psychology*, 17, 313-341.
- Kraines, D., & Kraines, V. (1993). Learning to cooperate with Pavlov: An adaptive strategy for the iterated Prisoner's Dilemma with noise. *Theory & Decision*, 35, 107-150.
- Kraines, D., & Kraines, V. (1995). Evolution of learning among Pavlov strategies in a competitive environment with noise. *Journal of Conflict Resolution*, 39, 439-466.
- Kreps, D., Milgrom, P., Roberts, J., & Wilson, R. (1982). Rational cooperation in the finitely repeated prisoners's dilemma. *Journal of Economic Theory*, 27, 245-252.
- Kreps, D. M., & Robert, W. (1982). Reputation and imperfect information. *Journal of Economic Theory*, 27, 253-279.
- Ledyard, J. O. (1995). Public Goods: A survey of experimental results. In J. H. Kagel & A. E. Roth (Eds.), *The handbook of experimental economics* (pp. 111-194). Princeton, NJ: Princeton University Press.
- Leimar, O. (1997). Repeated games: A state space approach. *Journal of Theoretical Biology*, 184, 471-498.
- Lewis, D. (1969). *Conventions: A philosophical study*. Cambridge, MA: Harvard University Press.
- Linster, B. G. (1992). Evolutionary stability in the infinitely repeated prisoner's dilemma played by two-state moore machines. *Southern Economic Journal*, 58, 880-903.

- Loewenstein, G. F., Thompson, L., & Bazerman, M. H. (1989). Social utility and decision making in interpersonal contexts. *Journal of Personality & Social Psychology*, *57*, 426-441.
- Lopes, L. L. (1996). When time is of the essence: Averaging, aspiration, and the short run. *Organizational Behavior & Human Decision Processes*, *65*, 179-189.
- Lorberbaum, J. (1994). No strategy is evolutionarily stable in the repeated prisoner's dilemma. *Journal of Theoretical Biology*, *168*, 117-130.
- Luce, R. D., & Raiffa, H. (1957). *Games and decision*. New York, NY: Wiley.
- MacCrimmon, K. R., & Messick, D. M. (1976). A framework for social motives. *Behavioral Science*, *21*, 86-100.
- Marinoff, L. (1990). The inapplicability of evolutionarily stable strategy to the prisoner's dilemma. *British Journal of Philosophy of Science*, *41*, 461-472.
- Marr, D. (1982). *Vision*. New York: Freeman.
- Maynard Smith, J. (1982). *Evolution and the theory of games*. Cambridge: Cambridge University Press.
- Maynard Smith, J. (1984). Game theory and the evolution of behaviour. *Behavioral & Brain Sciences*, *7*, 95-125.
- Maynard Smith, J., & Price, G. R. (1973). The logic of animal conflict. *Nature*, *246*, 15-18.
- McPherson Frantz, C., & Janoff-Bulman, R. (2000). Considering both sides: The limits of perspective taking. *Basic & Applied Social Psychology*, *22*, 31-42.
- Menczer, F., & Belew, R. K. (1996). From complex environments to complex behaviors. *Adaptive Behavior*, *4*, 317-363.
- Messick, D. M., & Liebrand, W. B. G. (1995). Individual heuristics and the dynamics of cooperation in large groups. *Psychological Review*, *102*, 131-145.
- Messick, D. M., & Sentis, K. P. (1979). Fairness and preference. *Journal of Experimental Social Psychology*, *15*, 418-434.
- Messick, D. M., & Sentis, K. P. (1985). Estimating social and nonsocial utility functions from ordinal data. *European Journal of Social Psychology*, *15*, 389-399.
- Michalewicy, Z. (1996). *Genetic algorithms + data structures = Evolution programs (3rd Ed.)*. Berlin: Springer.
- Mikula, G. (1980). On the role of justice in allocation decisions. In G. Mikula (Ed.), *Justice and social interaction* (pp. 127-166). Bern: Huber.
- Mitchell, M. (1996). *An introduction to genetic algorithms*. Cambridge, MA: MIT Press.

- Nowak, M. A., Page, K. M., & Sigmund, K. (2000). Fairness versus reason in the ultimatum game. *Science*, *289*, 1773-1775.
- Nowak, M. A., & Sigmund, K. (1993). A strategy of win-stay, lose-shift that outperforms tit-for-tat in the Prisoner's Dilemma game. *Nature*, *364*, 56-58.
- Nowak, M. A., & Sigmund, K. (1994). The alternating prisoner's dilemma. *Journal of Theoretical Biology*, *168*, 219-226.
- Ochs, J., & Roth, A. (1989). An experimental study of sequential bargaining. *American Economic Review*, *79*, 355-384.
- Ortmann, A., Fitzgerald, J., & Boeing, C. (2000). Trust, reciprocity, and social history: A re-examination. *Experimental Economics*, *3*, 81-100.
- Payne, J. W., Bettman, J. R., & Johnson, E. J. (1988). Adaptive strategy selection in decision making. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *14*, 534-552.
- Pruitt, D. G. (1967). Reward structure and cooperation: The decomposed prisoner's dilemma game. *Journal of Personality & Social Psychology*, *7*, 21-27.
- Pruitt, D. G., & Kimmel, M. J. (1977). Twenty years of experimental gaming: Critique, synthesis, and suggestions for the future. *Annual Review of Psychology*, *28*, 363-392.
- Rapoport, A. & Chammah, A. M. (1965). *Prisoner's dilemma*. Ann Arbor, MI: University of Michigan Press.
- Rabin, M. (1993). Incorporation fairness into game theory and economics. *American Economic Review*, *81*, 1281-1302.
- Rieskamp, J., & Hoffrage, U. (1999). When do people use simple heuristics, and how can we tell? In G. Gigerenzer, P. M. Todd, & the ABC Research Group (Eds.), *Simple heuristics that make us smart* (pp. 141-167). New York, NY: Oxford University Press.
- Roth, A., Prasnikar, V., Okuno-Fujiwara, M., & Zamir, S. (1991). Bargaining and market behavior in Jerusalem, Ljubljana, Pittsburgh, and Tokyo: An experimental study. *American Economic Review*, *81*, 1068-1095.
- Roth, A. E., & Erev, I. (1995). Learning in extensive-form games: Experimental data and simple dynamic models in the intermediate term. *Games & Economic Behavior*, *8*, 164-212.
- Roth, A. E., & Murnighan, J. K. (1978). Equilibrium behavior and repeated play of the prisoner's dilemma. *Journal of Mathematical Psychology*, *17*, 189-198.

- Samuelson, L. (1991). Limit evolutionarily stable strategies in two-player, normal form games. *Games & Economic Behavior*, 3, 110-128.
- Samuelson, L. (1997). *Evolutionary games and equilibrium selection*. Cambridge, MA: MIT Press.
- Samuelson, L. (2001). Analogies, adaptation, and anomalies. *Journal of Economic Theory*, 97, 320-366.
- Schelling, T. C. (1960). *The strategy of conflict*. Cambridge, MA: Harvard University Press.
- Selten, R. (1983). Evolutionary stability in extensive two-person games. *Mathematical Social Sciences*, 5, 269-363.
- Selten, R. (1988). Evolutionary stability in extensive two-person games--Correction and further development. *Mathematical Social Sciences*, 16, 223-266.
- Selten, R. (1990). Bounded rationality. *Journal of Institutional and Theoretical Economics*, 146, 649-658.
- Selten, R. (1991). Evolution, learning, and economic behavior. *Games and Economic Behavior*, 3, 3-24.
- Selten, R., & Stoecker, R. (1986). End behavior in sequences of finite prisoner's dilemma supergames: A learning theory approach. *Journal of Economic Behavior & Organization*, 7, 47-70.
- Sermat, V. (1964). Cooperative behavior in a mixed-motive game. *Journal of Social Psychology*, 62, 217-239.
- Sigmund, K. (2001). The social life of automata. *Manuscript in preparation*.
- Simon, H. A. (1956). Rational choice and the structure of the environment. *Psychological Review*, 63, 129-138.
- Simon, H. A. (1983). Alternative visions of rationality. In H. A. Simon (Ed.), *Reason in human affairs* (pp. 7-35). Stanford, CA: Stanford University Press.
- Simon, H. A. (1990). Invariants of human behavior. *Annual Review of Psychology*, 41, 1-19.
- Smith, V. L., & Walker, J. M. (1993). Monetary rewards and decision cost in experimental economics. *Economic Inquiry*, 31, 245-261.
- Sober, E. (1992). Stable cooperation in iterated prisoner's dilemmas. *Economics and Philosophy*, 8, 127-139.
- Sugden, R. (1986). *The economics of rights, co-operation, and welfare*. Oxford: Basil Blackwell.

- Thaler, R. H. (1980). Toward a positive theory of consumer choice. *Journal of Economic Behavior and Organization*, 1, 39-60.
- Thorngate, W. (1980). Efficient decision heuristics. *Behavior Science*, 25, 219-225.
- Trivers, R. L. (1971). The evolution of reciprocal altruism. *The Quarterly Review of Biology*, 46, 35-57.
- Tversky, A. (1972). Elimination by aspects: A theory of choice. *Psychological Review*, 79, 281-299.
- Tyler, T. R. (1994). Psychological models of the justice motive: Antecedents of distributive and procedural justice. *Journal of Personality & Social Psychology*, 67, 850-863.
- Tyler, T. R., & Lind, E. A. (1992). A relational model of authority in groups. *Advances in Experimental Social Psychology*, 25, 115-191.
- Ulmann-Margalit, E. (1977). *The emergence of norms*. New York: Oxford University Press.
- van Dijk, E., & Vermunt, R. (2000). Strategy and fairness in social decision making: Sometimes it pays to be powerless. *Journal of Experimental Social Psychology*, 36, 1-25.
- Van Huyck, J. B., Battalio, R. C., & Walters, M. F. (1995). Commitment versus discretion in the peasant-dictator game. *Games & Economic Behavior*, 10, 143-170.
- Van Huyck, J. B., Battalio, R. C., & Walters, M. F. (1997). Is reputation a substitute for commitment in the peasant-dictator game? *Submitted for publication*.
- Wagstaff, G. F. (1998). Equity, justice, and altruism. *Current Psychology: Developmental, Learning, Personality, Social*, 17(2-3), 111-134.
- Walster, E., Berscheid, E., & Walster, G. W. (1973). New directions in equity research. *Journal of Personality & Social Psychology*, 25, 151-176.
- Walster, E., Walster, G. W., & Berscheid, E. (1978). *Equity: Theory and research*. Boston: Allyn & Bacon.
- Wedekind, C., & Milinski, M. (1996). Human cooperation in the simultaneous and the alternating prisoner's dilemma: Pavlov versus generous tit-for-tat. *Proc. Natl. Acad. Sci.*, 93, 2686-2689.
- Wedekind, C., & Milinski, M. (2000). Cooperation through image scoring in humans. *Science*, 288, 850-852.
- Weibull, J. W. (1995). *Evolutionary game theory*. Cambridge and London: MIT Press.

- Wilson, D. S., & Sober, E. (1994). Reintroducing group selection to the human behavioral sciences. *Behavioral & Brain Sciences*, *17*, 585-654.
- Young, H. P., & Foster, D. (1991). Cooperation in the short and in the long run. *Games & Economic Behavior*, *3*, 145-156.