

Curriculum Vitae

Pradeep Dubey

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Field of Interest

Game Theory and Mathematical Economics

Degrees

B.Sc. (Physics Honours), Delhi University, India, June 1971

Ph.D. (Applied Mathematics), Cornell University, Ithaca, NY, June, 1975

Scientific Societies

Fellow of the Econometric Society

Founding Member, Game Theory Society

Economic Theory Fellow

Academic Positions

1975-1978 Assistant Professor, School of Organization and Management
(SOM) / Cowles Foundation for Research in Economics, Yale University.

1978-1984 Associate Professor, SOM and Cowles, Yale University.

1979-1980 Research Fellow (for the special year of game theory and
mathematical economics), Institute for Advanced Studies, Hebrew
University, Jerusalem (on leave from Yale University).

1982-1983 Senior Research Fellow, International Institute for Applied Systems
Analysis, Austria (on leave, with a Senior Faculty Fellowship from Yale University).

1984-1985 Professor, Department of Economics, University of Illinois at Urbana-Champaign.

1985-1986 Professor, Department of Applied Mathematics and Statistics / Institute for Decision Sciences (IDS), SUNY Stony Brook.

1986-present: Leading Professor and Co-Director, Center for Game Theory in Economics, Department of Economics, SUNY Stony Brook.

2005-present: Visiting Professor, Cowles Foundation for Research in Economics, Yale University.

Publications

Dubey, Pradeep ; Sahi Siddhartha; Shubik, Martin. Money as Minimal Complexity , Games & Economic Behavior, 2018

Dubey, Pradeep ; Sahi Siddhartha; Shubik, Martin. Graphical Exchange Mechanisms, Games & Economic Behavior, 2018

Dubey, Pradeep ; Sahi, Siddhartha. Eliciting Performance: Deterministic versus Proportional Prizes, International Journal of Game Theory (Special issue in honor of Abraham Neyman). 2015

Dubey, Pradeep ; Garg, Rahul; de Meyer, Bernard. Competing for Customers in a social network. Journal of Dynamics and Games (Special issue in honor of Sylvain Sorin). vol 1, No. 4(2014) pp.377-409

MR3079423 Dubey, Pradeep . The role of information in contests. Econom. Lett. 120 (2013), no. 2, 160--163.

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MR2663547 (2011d:91016) Dubey, Pradeep ; Geanakoplos, John . Grading exams: \$100,99,98.... or \$A,B,C\$? Games Econom. Behav. 69 (2010), no. 1, 72--94.

MR2663542 Dubey, Pradeep ; Maskin, Eric ; Tauman, Yair . A celebration of Robert Aumann's achievements on the occasion of his 80th birthday. Games Econom. Behav. 69 (2010), no. 1, 1.

MR2488928 (2010f:91076) Dubey, Pradeep ; Sondermann, Dieter . Perfect competition in an oligopoly (including bilateral monopoly). Games Econom. Behav. 65 (2009), no. 1, 124--141.

MR2459164 (2010b:91031) Dubey, Pradeep ; Garg, Rahul . Games of connectivity. Proceedings of International Workshop on Internet and Network Economies (WINE), 2006, Patros, Greece; also reprinted in Mathematical programming and game theory for decision making, 287--304, Stat. Sci. Interdiscip. Res., 1, World Sci. Publ., Hackensack, NJ, 2008.

Dubey, Pradeep ; Garg, Rahul; de Meyer, Bernard. Competing for customers in a social network: the quasi-linear case. Proceedings of International Workshop on Internet and Network Economies (WINE), 2006, Patros, Greece

- MR2213383 (2006j:91206) Dubey, Pradeep ; Geanakoplos, John . Determinacy with nominal assets and outside money.
Econom. Theory 27 (2006), no. 1, 79--106.
- MR2189172 (2006i:91003) Dubey, Pradeep ; Haimanko, Ori ; Zapechelnyuk, Andriy . Strategic complements and substitutes, and potential games.
Games Econom. Behav. 54 (2006), no. 1, 77--94.
- Dubey, Pradeep ; Geanakoplos, John. Money and production, and liquidity trap.
International Journal of Economic Theory 2 (2006), no.3-4, 295-317
- MR2123432 (2005k:91027) Dubey, Pradeep ; Einy, Ezra ; Haimanko, Ori . Compound voting and the Banzhaf index.
Games Econom. Behav. 51 (2005), no. 1, 20--30.
- MR2115629 (2005k:91198) Dubey, Pradeep ; Geanakoplos, John ; Shubik, Martin . Default and punishment in general equilibrium.
Econometrica 73 (2005), no. 1, 1--37.
- MR2030360 (2004j:91061) Dubey, Pradeep ; Haimanko, Ori . Learning with perfect information.
Games Econom. Behav. 46 (2004), no. 2, 304--324.
- MR2014334 (2004h:91100) Dubey, Pradeep ; Geanakoplos, John . Inside and outside fiat money, gains to trade, and IS-LM.
Symposium in Honor of Mordecai Kurz (Stanford, CA, 2002).
Econom. Theory 21 (2003), no. 2-3, 347--397.
- MR1996489 (2004f:91103) Dubey, Pradeep ; Geanakoplos, John . Monetary equilibrium with missing markets.
Special issue on strategic market games.
J. Math. Econom. 39 (2003), no. 5-6, 585--618.
- MR1996483 (2004f:91013) Dubey, Pradeep ; Geanakoplos, John . From Nash to Walras via Shapley-Shubik.
Special issue on strategic market games.
J. Math. Econom. 39 (2003), no. 5-6, 391--400.
- MR1996482 (2004e:91035) Dubey, Pradeep ; Sahi, Siddhartha . Price-mediated trade with quantity signals: an axiomatic approach.
Special issue on strategic market games.
J. Math. Econom. 39 (2003), no. 5-6, 377--389.
- MR1982373 (2004h:91044) Dubey, Pradeep ; Geanakoplos, John ; Shubik, Martin . Is gold an efficient store of value?
Econom. Theory 21 (2003), no. 4, 767--782.
- MR1968615 Dubey, Pradeep ; Haimanko, Ori . Optimal scrutiny in multi-period promotion tournaments.
Games Econom. Behav. 42 (2003), no. 1, 1-24.
- Dubey, Pradeep; Wu, Chien-wei. When less competition induces more product innovation.
Economics Letters, 74,(2002) no.3, 309-312
- Dubey, Pradeep ; Geanakoplos, John. Competitive Pooling: Rothschild-Stiglitz reconsidered.
Quarterly Journal of Economics 117 (2002), no.4, 1529-1570
- MR1875189 (2002k:91009) Dubey, Pradeep ; Wu, Chien-wei . Competitive prizes: when less scrutiny induces more effort.
J. Math. Econom. 36 (2001), no. 4, 311--336.

MR1470593 (98d:90036) Dubey, Pradeep ; Neyman, Abraham . An equivalence principle for perfectly competitive economies.

J. Econom. Theory 75 (1997), no. 2, 314--344.

MR1280172 (95e:90031) Dubey, Pradeep ; Shapley, Lloyd S. Noncooperative general exchange with a continuum of traders: two models.

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Dubey, Pradeep . Strategic market games: a survey of some results.

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Dubey, Pradeep ; Neyman, Abraham. An axiomatic approach to the equivalence phenomenon.

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MR1203880 (93j:90032) Dubey, Pradeep ; Sahi, Siddhartha ; Shubik, Martin . Repeated trade and the velocity of money.

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Dubey, Pradeep ; Geanakoplos, John. The value of money in a finite horizon economy.

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MR1047173 (91b:90044) Dubey, P. ; Rogawski, J. D. Inefficiency of smooth market mechanisms.

J. Math. Econom. 19 (1990), no. 3, 285--304.

MR0989832 (90d:90022) Dubey, Pradeep ; Neyman, Abraham . Payoffs in nonatomic economies: an axiomatic approach.

The Shapley value: Essays in honor of Lloyd Shapley, ed. A. Roth
207--216, Cambridge Univ. Press, Cambridge, 1988.

MR0962527 (89h:90026) Dubey, P. ; Shubik, M. A note on an optimal garnishing rule.

Econom. Lett. 27 (1988), no. 1, 5--6.

MR0902971 (88k:90033) Dubey, Pradeep ; Geanakoplos, John ; Shubik, Martin The revelation of information in strategic market games: a critique of rational expectations equilibrium.

J. Math. Econom. 16 (1987), no. 2, 105--137.

Dubey, Pradeep ; Shubik, Martin. General equilibrium and the foundations of the theory of monopolistic competition.

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MR0830102 (87e:90140) Dubey, Pradeep . Inefficiency of Nash equilibria.

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MR0813249 (88b:90151) Dubey, Pradeep ; Kaneko, Mamoru . Information patterns and Nash equilibria in extensive games. II.

Math. Social Sci. 10 (1985), no. 3, 247--262.

MR0810933 (86m:90032) Chander, P. ; Dubey, P. Input-output prices with endogenous demand.

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MR0785633 (86d:90017) Dubey, Pradeep ; Shubik, Martin . Perfect competition in strategic market games with interlinked preferences.

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MR0782645 (88b:90150) Dubey, Pradeep ; Kaneko, Mamoru . Information patterns and Nash equilibria in extensive games. I.
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MR0763067 (86b:90026) Dubey, Pradeep ; Neyman, Abraham . Payoffs in nonatomic economies: an axiomatic approach.
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MR0670354 (83i:90184) Dubey, Pradeep . The Shapley value as aircraft landing fees—revisited.
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Dubey, Pradeep ; Shubik, Martin. The Profit Maximizing Firm: Managers and Stockholders.
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Dubey, Pradeep. Nash Equilibria of Market Games: Finiteness and Inefficiency
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Dubey, Pradeep ; Mas-Colell, Andreu ; Shubik, Martin. Efficiency Properties of Strategic Market Games: an Axiomatic Approach.
Journal of Economic Theory 22 (1980), no.2, 339-362

MR0571817 (81g:90101) Dubey, Pradeep . Asymptotic semivalues and a short proof of Kannai's theorem.
Math. Oper. Res. 5 (1980), no. 2, 267--270.

MR0543924 (81b:90192) Dubey, Pradeep ; Shapley, Lloyd S. Mathematical properties of the Banzhaf power index.
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MR0536562 (80g:90017) Dubey, Pradeep ; Shubik, Martin . Bankruptcy and optimality in a closed trading mass economy modelled as a noncooperative game.
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MR0465241 (57 #5147) Dubey, Pradeep ; Shubik, Martin . The non-cooperative

equilibria of a closed trading economy with market supply and bidding strategies.
J. Econom. Theory 17 (1978), no. 1, 1--20.

Dubey, Pradeep ; Shubik, Martin. A closed economy with exogenous uncertainty, different levels of information, money, futures and spot markets.
International Journal of Game Theory 6 (1977), no. 4, 231-248

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J. Math. Econom. 4 (1977), no. 3, 253--287.

MR0456355 (56 #14582) Dubey, Pradeep ; Shubik, Martin . Trade and prices in a closed economy with exogeneous uncertainty and different levels of information.
Econometrica 45 (1977), no. 7, 1657--1680.

Dubey, Pradeep. On the uniqueness of the Shapley value.
International Journal of Game Theory 4 (1975), no. 3, 131-139

Working Papers

Dubey, Pradeep. The Decentralization of a Machine: Some Definitions , Working Paper 15-02 , February 2015, Department of Economics, SUNY at Stony Brook

Dubey, Pradeep ; Sahi Siddhartha; Shubik, Martin. Minimally complex exchange mechanisms: emergence of prices, markets and money (revised), Working Paper 14-01, April 2014, Department of Economics, SUNY at Stony Brook (also: Cowles Foundation Discussion Paper 1945, Yale University)

Dubey, Pradeep ; John Geanakoplos. Games with Money and Status: How Best to Incentivize Work, Working Paper 14-02, Department of Economics, SUNY at Stony Brook (also: Cowles Foundation Discussion Paper 1954, Yale University)

Dubey, Pradeep ; Sahi Siddhartha. The Allocation of a Prize (expanded), Working Paper 12-02, March 2012, Department of Economics, SUNY at Stony Brook (also: Cowles Foundation Discussion Paper 1858, Yale University)