



## Brian Skyrms

 Curriculum Vitae available Online

### Bio

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#### ADMINISTRATIVE APPOINTMENTS

- Lectureship for Research, UCI, (2001-2002)
- Fellow, Center for Advanced Study in the Behavioral Sciences, (1993-1994)
- Guggenheim Fellow, John Simon Guggenheim Memorial Foundation, (1987-1988)
- Humanities Council Senior Fellow and Old Dominion Fellow, Princeton University, (1987-1987)
- President's Research Fellow in the Humanities, University of California, (1993-1994)
- Assistant Professor, California State University, Northridge, (1964-1965)
- Assistant Professor, University of Delaware, (1965-1966)
- Visiting Assistant Professor, University of Michigan, (1966-1967)
- Assistant Professor, University of Illinois, Chicago, (1967-1968)
- Associate Professor, University of Illinois, Chicago, (1968-1970)
- Professor, University of Illinois, Chicago, (1970-1980)
- Professor, University of California, Irvine, (1980-1997)
- Professor of Economics, University of California, Irvine, (1997- present)
- UCI Distinguished Professor of Philosophy, University of California, Irvine, (1997- present)
- UCI Distinguished Professor of Social Science, University of California, Irvine, (1999- present)
- Logic and Philosophy of Science Professor of Philosophy, Stanford University, (2007- present)

#### HONORS AND AWARDS

- Carl Gustav Hempel Award, Philosophy of Science Association (Nov. 2016)
- Elected Fellow, National Academy of Sciences of the USA (1999)
- Lakatos Prize, London School of Economics and Political Science (1999)
- Extraordinarius Award, University of California, Irvine (2011)
- Synthese Distinguished Paper Award, Synthese (published by Springer) (2010)
- Paul Silverman Award in Foundations of Ethics, University of California, Irvine (2006)
- Distinguished Alumnus Award for Excellence, University of Pittsburgh (1986)
- UCI Distinguished Lectureship for Research, University of California, Irvine (2001-2002)
- Elected Fellow, American Association for the Advancement of Science (2004)

- Fellow, Center for Advanced Study in Behavioral Sciences (1993-94)
- Guggenheim Fellow, Guggenheim Foundation (1987-88)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- President, Philosophy of Science Association (2004 - 2006)
- President, American Philosophical Association (Pacific) (2000 - 2001)
- Member, National Academy of Sciences (1999 - present)
- Member, American Academy of Arts and Sciences (1994 - present)
- Member of Governing Board, Western Center of the American Academy of Arts and Sciences (2000 - 2006)
- Director, Interdisciplinary Program in History and Philosophy of Science, University of California, Irvine
- Member, Governing Board, Institute for Mathematical Behavioral Science, University of California, Irvine
- Research Affiliate, Center for the Scientific Study of Ethics, University of California, Irvine
- Research Affiliate, Symbolic Systems, Stanford University
- Member of Governing Board, American Philosophical Association (1987 - 1990)
- Member of Governing Board, American Philosophical Association (1999 - 2002)
- Member of Governing Board, Philosophy of Science Association (1990 - 1991)
- Member of Governing Board, Institute for Mathematical Behavioral Sciences, University of California, Irvine (1998 - present)
- Member of Editorial Board, Proceedings of the National Academy of Sciences
- Member of Editorial Board, Erkenntnis
- Member of Editorial Board, Philosophy and Phenomenological Research
- Member of Editorial Board, American Philosophical Quarterly
- Member of Editorial Board, Nous
- Member of Editorial Board, Journal of Logic Language and Information
- Member of Editorial Board, Theory and Decision
- Member of Editorial Board, Philosophical Studies
- Member of Editorial Board, Risk, Decision and Policy
- Member of Editorial Board, Stanford Encyclopedia of Philosophy
- Member of Editorial Board, Topics in Contemporary Philosophy (Book Series)
- Member of Editorial Board, Theoria

## **PROGRAM AFFILIATIONS**

- Symbolic Systems Program

## **PROFESSIONAL EDUCATION**

- Ph.D., University of Pittsburgh , Philosophy (1964)
- M.A., University of Pittsburgh , Philosophy (1962)
- B.A., Lehigh University , Philosophy (1961)
- B.A., Lehigh University , Economics (1960)

## Publications

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### PUBLICATIONS

- **Mill's Conversion: The Herschel Connection** *PHILOSOPHERS IMPRINT*  
Skyrms, B.  
2018; 18 (23): 1–24
- **Co-evolutionary Dynamics of Collective Action with Signaling for a Quorum** *PLOS COMPUTATIONAL BIOLOGY*  
Pacheco, J. M., Vasconcelos, V. V., Santos, F. C., Skyrms, B.  
2015; 11 (2)
- **Some dynamics of signaling games** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Huttegger, S., Skyrms, B., Tarres, P., Wagner, E.  
2014; 111: 10873-10880
- **Grades of Inductive Skepticism** *PHILOSOPHY OF SCIENCE*  
Skyrms, B.  
2014; 81 (3): 303-312
- **Probe and Adjust in Information Transfer Games** *ERKENNTNIS*  
Huttegger, S. M., Skyrms, B., Zollman, K. J.  
2014; 79: 835-853
- **The core theory of subjunctive conditionals** *SYNTHESE*  
Skyrms, B.  
2013; 190 (5): 923-928
- **Inventing New Signals** *DYNAMIC GAMES AND APPLICATIONS*  
Alexander, J. M., Skyrms, B., Zabell, S. L.  
2012; 2 (1): 129-145
- **Aspects of Naturalizing the Social Contract** *Complexity and Institutions: Markets, Norms and Corporations*  
Skyrms, B.  
edited by Aoki, M., Binmore, K., Deakin, S., Gintis, H.  
New York: Palgrave Macmillan.2012: 124–145
- **From Zeno to Arbitrage: Essays on Quantity, Coherence and Induction**  
Skyrms, B.  
Oxford University Press.2012
- **Co-evolution of pre-play signaling and cooperation** *JOURNAL OF THEORETICAL BIOLOGY*  
Santos, F. C., Pacheco, J. M., Skyrms, B.  
2011; 274 (1): 30-35
- **Evolutionary Dynamics of Collective Action** *Conference on Mathematics of Darwin's Legacy*  
Pacheco, J. M., Santos, F. C., Souza, M. O., Skyrms, B.  
BIRKHAUSER VERLAG AG.2011: 119–138
- **Resiliency, Propensity and Causal Necessity** *Philosophy of Probability: Contemporary Readings*  
Skyrms, B.  
edited by Eagle, A.  
Routledge.2011
- **Evolutionary considerations in the framing of social norms** *POLITICS PHILOSOPHY & ECONOMICS*  
Skyrms, B., Zollman, K. J.  
2010; 9 (3): 265-273
- **The flow of information in signaling games** *Laguna Workshop 2008 held in Honor of Brian Skyrms*

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- Skyrms, B.  
SPRINGER.2010: 155–65
- **Pragmatics, Logic and Information Processing** *Language, Games and Evolution*  
Skyrms, B.  
edited by Benz, A.  
Berlin: Springer Verlag.2010: 177–187
  - **Evolutionary dynamics of Lewis signaling games: signaling systems vs. partial pooling** *SYNTHESE*  
Huttegger, S. M., Skyrms, B., Smead, R., Zollman, K. J.  
2010; 172 (1): 177-191
  - **Learning to Network** *Probability in Science*  
Skyrms, B.  
edited by Fetzer, J.  
Berlin: Springer.2010: 277–286
  - **Signals: Evolution, Learning and Information**  
Skyrms, B.  
Oxford University Press.2010
  - **Evolution of signalling systems with multiple senders and receivers** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Skyrms, B.  
2009; 364 (1518): 771-779
  - **Learning to signal: Analysis of a micro-level reinforcement model** *STOCHASTIC PROCESSES AND THEIR APPLICATIONS*  
Argiento, R., Pemantle, R., Skyrms, B., Volkov, S.  
2009; 119 (2): 373-390
  - **Evolutionary dynamics of collective action in N-person stag hunt dilemmas** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Pacheco, J. M., Santos, F. C., Souza, M. O., Skyrms, B.  
2009; 276 (1655): 315-321
  - **Evolution and the Social Contract** *The Tanner Lectures on Human Values 28. Salt Lake City*  
Skyrms, B.  
University of Utah Press.2009: 47–63
  - **A Dynamic Model of Social Network Formation** *Adaptive Networks*  
Pemantle, R., Skyrms, B.  
edited by Gross, T., Sayama, H.  
Springer Verlag.2009: 231–251
  - **Diachronic Coherence and Radical Probabilism** *Conference on Degrees of Belief*  
Skyrms, B.  
SPRINGER.2009: 253–261
  - **Diachronic Coherence and Radical Probabilism** *Bruno de Finetti, Radical Probabilist*  
Skyrms, B.  
edited by Galavotti, M. C.  
London: College Publications.2009: 85–96
  - **Chaos and the Explanatory Significance of Equilibrium: Strange Attractors in Evolutionary Game Dynamics** *The Dynamics of Norms*  
Skyrms, B.  
edited by Bicchieri, C.  
Cambridge University Press: New York.2009: 199–222
  - **Common Knowledge, the Cooperative Principle and Adaptive Dynamics** *Why We Cooperate*  
Skyrms, B.

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Cambridge, Mass., MIT Press.2009

- **Evolution of Signaling Systems with Multiple Senders and Receivers** *Philosophical Transactions of the Royal Society B*.  
Skyrms, B.  
2009: 771-779
- **Groups and Networks: Their Role in the Evolution of Cooperation** *In Games, Groups and the Global Good*  
Skyrms, B.  
edited by Levin, S.  
Berlin: Springer.2009: 105–114
- **Presidential Address: Signals** *PHILOSOPHY OF SCIENCE*  
Skyrms, B.  
2008; 75 (5): 489-500
- **The Social Contract Naturalized** *Justice, Political Liberalism and Utilitarianism: Themes from Harsanyi and Rawls*  
Skyrms, B.  
edited by Fleurbaey, M., Salle, M., Weymark, J.  
New York: Cambridge University Press.2008
- **Evolution of Inference** *The Stag Hunt and the Evolution of Social Structure in Reasoning: Studies in Human Inference and its Foundations*  
Skyrms, B.  
edited by Alder, J., Rips, L.  
Cambridge: Cambridge University Press.2008
- **La Caza del Ciervo y la Evolución de la Estructura Social**  
Skyrms, B.  
Melusina.2007
- **Diachronic coherence and radical probabilism** *19th Biennial Meeting of the Philosophy-of-Science-Association*  
Skyrms, B.  
UNIV CHICAGO PRESS.2006: 959–68
- **Evolutionary Dynamics of Collective Action in N-person Stag-Hunt Dilemmas** *Proceedings of the Royal Society B*  
Santos, F., Souza, M., Skyrms, B.  
edited by Pachero, J.  
2006: 315–21
- **Discovering "weight, or the value of knowledge"** *Conference on Cambridge and Vienna held in honor of Frank P Ramsey*  
Skyrms, B.  
SPRINGER.2006: 55–65
- **Dynamics of conformist bias** *MONIST*  
Skyrms, B.  
2005; 88 (2): 260-269
- **Signals, Evolution and the Explanatory Power of Transient Information** *Evolution, Rationality and Cognition: A Cognitive Science for the twenty-first century*  
Skyrms, B.  
edited by Zalhao, A.  
Routledge: N. Y..2005: 61–81
- **Network formation by reinforcement learning: the long and medium run** *MATHEMATICAL SOCIAL SCIENCES*  
Pemantle, R., Skyrms, B.  
2004; 48 (3): 315-327
- **The Stag Hunt and the Evolution of Social Structure**  
Skyrms, B.  
Cambridge University Press: Cambridge, Mass.2004

- **Discovering 'Weight, or the Value of Knowledge'** *Cambridge and Vienna: Frank P. Ramsey and the Vienna Circle*  
Skyrms, B.  
Berlin: Springer.2004: 55–65
- **Time to absorption in discounted reinforcement models** *STOCHASTIC PROCESSES AND THEIR APPLICATIONS*  
Pemantle, R., Skyrms, B.  
2004; 109 (1): 1-12
- **Learning to take turns** *ERKENNTNIS*  
Vanderschraaf, P., Skyrms, B.  
2003; 59 (3): 311-348
- **Signals, evolution and the explanatory power of transient information** *PHILOSOPHY OF SCIENCE*  
Skyrms, B.  
2002; 69 (3): 407-428
- **Altruism, inclusive fitness, and "the logic of decision"** *17th Biennial Meeting of the Philosophy-of-Science-Association*  
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UNIV CHICAGO PRESS.2002: S104–S111
- **The Stag Hunt** *Proceedings and Addresses of the APA*  
Skyrms, B.  
2001
- **Evolution, Natural and Social** *International Encyclopedia of the Social Sciences*  
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Elsevier: Oxford.2001
- **A dynamic model of social network formation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
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2000; 97 (16): 9340-9346
- **Stability and explanatory significance of some simple evolutionary models** *PHILOSOPHY OF SCIENCE*  
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2000; 67 (1): 94-113
- **Choice and Chance: An Introduction to Inductive Logic**  
Skyrms, B.  
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- **Choice and Chance: An Introduction to Inductive Logic**  
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- **Truth Dynamics** *Circularity, Definition and Truth*  
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edited by Chapius, A., Gupta, A.  
New Delhi: Indian Council of Philosophical Research.2000: 355–364
- **Game theory, rationality and evolution of the social contract** *JOURNAL OF CONSCIOUSNESS STUDIES*  
Skyrms, B.  
2000; 7 (1-2): 269-284
- **A Dynamic Model of Social Network Formation** *Proceedings of the National Academy of Sciences of the U.S.A.*  
Skyrms, B., Pemantle, R.  
2000: 9340–46
- **Adaptive dynamic models and the social contract - Response to commentary discussion** *JOURNAL OF CONSCIOUSNESS STUDIES*  
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- **Bargaining with neighbors: Is justice contagious?** *JOURNAL OF PHILOSOPHY*  
Alexander, J., Skyrms, B.  
1999; 96 (11): 588-598
- **Precis of 'Evolution of the Social Contract'** *PHILOSOPHY AND PHENOMENOLOGICAL RESEARCH*  
Skyrms, B.  
1999; 59 (1): 217-220
- **General Facts** *Metascience*  
Skyrms, B.  
1999; 8: 77-79
- **Salience and symmetry-breaking in the evolution of convention** *LAW AND PHILOSOPHY*  
Skyrms, B.  
1998; 17 (4): 411-418
- **The Shadow of the Future** *Rational Commitment and Social Justice*  
Skyrms, B.  
edited by Morris, C.  
New York: Cambridge University Press.1998: 12-21
- **Evolution of an Anomaly** *Protosociology*  
Skyrms, B.  
1998; 12: 192-211
- **Mutual Aid** *Modeling Rationality and Morality, and Evolution*  
Skyrms, B.  
edited by Danielson, P.  
Oxford: Oxford University Press.1998: 376-405
- **Game Theory** *Handbook of Defeasible Reasoning and Uncertainty Management: Volume 1 - Quantified Representation of Uncertainty and Imprecision*  
Skyrms, B.  
edited by Gilles, D., Smets, P.  
Dordrecht, Kluwer.1998: 391-439
- **The Dynamics of Norms**  
edited by Bicchieri, C., Jeffrey, R., Skyrms, B.  
Cambridge University Press: New York.1997
- **The structure of radical probabilism** *Conference on Probability, Dynamics and Causality*  
Skyrms, B.  
KLUWER ACADEMIC PUBL.1997: 145-157
- **Inductive Logic and Bayesian Statistics** *Statistics, Probability and Game Theory: Papers in Honor of David Blackwell*  
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1996: 321-336
- **Evolution of the Social Contract**  
Skyrms, B.  
Cambridge University Press: Cambridge.1996
- **Carnapian Inductive Logic for Markov Chains** *The Legacy of the Vienna Circle: Modern Reappraisals*  
Skyrms, B.  
edited by Sarkar, S.  
New York: Garland.1996: 331-352
- **Adams Conditionals** *Probability and Conditionals*

- Skyrms, B.  
edited by Skyrms, B., Eells, E. E.  
Cambridge University Press: Cambridge.1995: 13–26
- **Logical Atomism and Combinatorial Possibility** *The Philosopher's Annual*  
Skyrms, B.  
edited by Grim, P., Mar, G., Williams, P.  
Atascadero: Ridgeview.1995: 219–232
  - **Introduction to the Nobel Symposium on Game Theory** *Games and Economic Behavior*  
Skyrms, B.  
1995; 8: 3-5
  - **Inductivism** *The Cambridge Dictionary of Philosophy*  
Skyrms, B.  
edited by Audi, R.  
Cambridge University Press: Cambridge.1995: 368, 369, 468
  - **Induction, Mathematical** *The Cambridge Dictionary of Philosophy*  
Skyrms, B.  
edited by Audi, R.  
Cambridge University Press: Cambridge.1995: 365, 369, 468
  - **Induction** *The Cambridge Dictionary of Philosophy*  
Skyrms, B.  
edited by Audi, R.  
Cambridge University Press: Cambridge.1995: 368, 369, 468
  - **Resiliency and Laws in the Web of Belief** *Laws of Nature Essays on the Philosophical, Scientific and Historical Dimensions*  
Skyrms, B., Lambert, K.  
edited by Weinert, F.  
de Gruyter: Berlin, New York.1995
  - **Convergence in Radical Probabilism** *PSA 1994*  
Skyrms, B.  
edited by Hull, D., Forbes, M., Burian, R., Lansing, M. E.  
Michigan: Philosophy of Science Association.1995: 349–353
  - **STRICT COHERENCE, SIGMA COHERENCE AND THE METAPHYSICS OF QUANTITY** *PHILOSOPHICAL STUDIES*  
Skyrms, B.  
1995; 77 (1): 39-55
  - **DARWIN MEETS THE LOGIC OF DECISION - CORRELATION IN EVOLUTIONARY GAME-THEORY** *PHILOSOPHY OF SCIENCE*  
Skyrms, B.  
1994; 61 (4): 503-528
  - **SEX AND JUSTICE** *JOURNAL OF PHILOSOPHY*  
Skyrms, B.  
1994; 91 (6): 305-320
  - **Bayesian Projectibility** *Grue: Essays on the New Riddle of Induction*  
Skyrms, B.  
edited by Stalker, D.  
Chicago: Open Court.1994: 241–262
  - **Sex and Justice** *The Philosopher's Annual*  
Skyrms, B.  
edited by Grim, P.  
Atascadero: Ridgeview.1994: 217–232

- **A MISTAKE IN DYNAMIC COHERENCE ARGUMENTS - DISCUSSION** *PHILOSOPHY OF SCIENCE*  
Skyrms, B.  
1993; 60 (2): 320-328
- **Analogy by Similarity in HyperCarnapian Inductive Logic** *Philosophical Problems of the Internal and External Worlds: Essays On the Philosophy of Adolf Grunbaum*  
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edited by Earman, J., Janis, A., Massey, G. J., Rescher, N.  
University of Pittsburgh Press: Pittsburgh.1993: 273–282
- **Logical Atomism and Combinatorial Possibility** *The Journal of Philosophy*  
Skyrms, B.  
1993; 90 (1993): 219-232
- **Deliberational Correlated Equilibria** *Philosophical Topics*  
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1993; 21: 191-227
- **Carnapian Inductive Logic for a Value Continuum** *The Philosophy of Science*  
Skyrms, B.  
edited by Wettstein, H.  
University of Notre Dame Press: South Bend, Indiana.1993: 78–89
- **Chaos in Game Dynamics** *Journal of Logic, Language and Information*  
Skyrms, B.  
1992; 1: 111-130
- **Coherence, Probability and Induction** *Rationality in Epistemology*  
Skyrms, B.  
edited by Villanueva, E.  
Ridgeview: Atascadero, California.1992: 215–226
- **Chaos and the Explanatory Significance of Equilibrium: Strange Attractors in Evolutionary Game Dynamics** *PSA*  
Skyrms, B.  
1992; 2: 374-394
- **Carnapian Inductive Logic for Markov Chains** *Erkenntnis*  
Skyrms, B.  
1991; 35: 439-460
- **Quantification, Modality and Semantic Ascent** *Causality, Method and Modality*  
Skyrms, B.  
edited by Brittan, G. G.  
Kluwer: Dordrecht.1991: 175–183
- **Stability and Chance** *Existence and Explanation*  
Skyrms, B.  
edited by Spohn, W.  
1991: 149–161
- **The Dynamics of Rational Deliberation**  
Skyrms, B.  
Harvard University Press: Cambridge, Mass.1990
- **Ratifiability and the Logic of Decision** *Philosophy of the Human Sciences*  
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edited by French, P.  
University of Notre Dame Press: Notre Dame, Indiana.1990: 44–56

- **The Value of Knowledge** *Scientific Theories*  
Skyrms, B. .  
edited by Savage, C. W.  
University of Minnesota Press: Minneapolis.1990: 245–266
- **Introduction to `Three Theorems of Metaphysics'** *Synthese*  
Skyrms, B.  
1989; 81: 203-205
- **A Primer on Determinism** *Foundations of Physics*  
Skyrms, B.  
1989; 19: 111-113
- **Tractarian Nominalism** *A Combinatorial Theory of Possibility*  
Skyrms, B.  
edited by Armstrong, D. M.  
Cambridge University Press, Cambridge.1989
- **PROBABILITY AND CAUSATION** *JOURNAL OF ECONOMETRICS*  
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1988; 39 (1-2): 53-68
- **Conditional Chance** *Probability and Causality: Essays in Honor of Wesley Salmon*  
Skyrms, B.  
edited by Fetzer, J.  
Reidel:Dordrecht,Holland.1988: 161–178
- **UPDATING, SUPPOSING, AND MAXENT** *THEORY AND DECISION*  
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1987; 22 (3): 225-246
- **DYNAMIC COHERENCE AND PROBABILITY KINEMATICS** *PHILOSOPHY OF SCIENCE*  
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1987; 54 (1): 1-20
- **Dynamic Coherence** *Advances in the Statistical Sciences: Vol.II Foundations of Statistical Inference*  
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edited by MacNeil, I. B., Umphrey, G.  
Reidel:Dordrecht.1987: 233–243
- **Choice and Chance: An Introduction to Inductive Logic**  
Skyrms, B.  
Wadsworth: Belmont, California.1986
- **EPR and the Metaphysics of Causation** *Symposium on the Foundations of Modern Physics:50 Years of the EPR Gedanken Experiment*  
Skyrms, B.  
edited by Lakki, P., Mittlestadt, P.  
World Scientific Publishing Co.:Singapore.1986: 609–623
- **Coherence** *Scientific Inquiry in Philosophical Perspective*  
Skyrms, B.  
edited by Rescher, N.  
University of Pittsburgh Press: Pittsburgh,.1986: 225–242
- **MAXIMUM-ENTROPY INFERENCE AS A SPECIAL CASE OF CONDITIONALIZATION** *SYNTHESE*  
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- **Pragmatics and the Principle of Empiricism** *The Heritage of Logical Positivism*

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edited by Rescher, N.  
University Press of America: New York, London.1985: 23–28

● **Pragmatics and Empiricism**

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● **EPR: Lessons for Metaphysics** *Causation and Causal Theories*

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edited by Wettstein, H.  
University of Minnesota Press: Minneapolis.1984: 245–255

● **Intensional Aspects of Semantical Self-Reference** *Recent Essays on Truth and the Liar*

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edited by Martin, R.  
Oxford University Press:Oxford.1984: 119–131

● **Zeno's Paradox of Measure** *Philosophy, Physics and Psychoanalysis*

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edited by Cohen, R.  
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● **A Bayesian Theory of Conditionals** *Proceedings of the International Congress on Logic, Methodology and Philosophy of Science*

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1983

● **Three Ways to Give a Probability Assignment a Memory** *Testing Scientific Theories*

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edited by Earman, J.  
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● **CAUSAL DECISION-THEORY** *JOURNAL OF PHILOSOPHY*

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● **COUNTERFACTUAL DEFINITENESS AND LOCAL CAUSATION** *PHILOSOPHY OF SCIENCE*

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● **Statistical Laws and Personal Propensities** *PSA 1978 vol. 2*

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● **MATES QUANTIFICATION AND INTENSIONAL LOGIC** *AUSTRALASIAN JOURNAL OF PHILOSOPHY*

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1981; 59 (2): 177-188

● **TRACTARIAN NOMINALISM** *PHILOSOPHICAL STUDIES*

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1981; 40 (2): 199-206

● **Higher Order Degrees of Belief** *Prospects for Pragmatism: Essays in Honor of F.P.Ramsey*

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edited by Mellor, D. H.  
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● **Causal Necessity**

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- **IMMACULATE CONCEPTION OF MODALITY OR HOW TO CONFUSE USE AND MENTION** *JOURNAL OF PHILOSOPHY*  
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- **Resiliency, Propensity and Causal Necessity** *The Journal of Philosophy*  
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- **POSSIBLE WORLDS, PHYSICS AND METAPHYSICS** *PHILOSOPHICAL STUDIES*  
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- **Escolha e Acaso**  
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1967; 64 (12): 373-389
- **Ten Great Ideas About Chance**  
Diaconis, P., Skyrms, B.  
Princeton University Press.2018
- **Natural Social Contracts** *Biological Theory*  
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- **Emergence of a Signaling Network with Probe and Adjust** *Cooperation and its Evolution*  
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- **LEARNING TO SIGNAL WITH PROBE AND ADJUST** *EPISTEME-A JOURNAL OF INDIVIDUAL AND SOCIAL EPISTEMOLOGY*  
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