

## Charles Dacre Parsons

Born April 13, 1933, Cambridge, Mass.

Married Marjorie Louise Wood, 1968 (died 2017). 2 children, born 1969 and 1971.

### Education

1950-54 Harvard College. A. B. 1954 *summa cum laude* (mathematics)  
1954-55 King's College, Cambridge (philosophy)  
1955-61 Harvard University (Graduate School, philosophy)  
A. M. 1956, Ph. D. 1961

### Positions held

1961-62 Assistant Professor of Philosophy, Cornell University  
1962-65 Assistant Professor of Philosophy, Harvard University  
1965-69 Associate Professor of Philosophy, Columbia University  
1969-89 Professor of Philosophy, Columbia University  
1989-91 Professor of Philosophy, Harvard University  
1991-2005 Edgar Pierce Professor of Philosophy, Harvard University  
2005- Edgar Pierce Professor of Philosophy, *Emeritus*, Harvard University

1976-79, Chairman, Department of Philosophy, Columbia University  
1985-89

**Visiting positions** at Stanford University (summer 1963), Harvard University (fall 1968-69), The Rockefeller University (fall 1971-72), University of Heidelberg (summer semester 1972, part-time), Yale University (spring 1973, part-time), University of Pittsburgh (winter 1976, part-time), University of Padua (Aug.-Sept. 1983, June 1997), UCLA (Winter Quarter 2002, Spring Quarter 2005, 2007, 2009), The University of Chicago (Spring Quarter 2008, part-time).

### Professional activities

Editor, *The Journal of Philosophy*, 1966-90; Consulting Editor, 1990-  
Editor, *The Bulletin of Symbolic Logic*, 1994-98  
Editorial Board, *Journal of Philosophical Logic*, 1978-94  
Consulting Editor, *The Journal of Symbolic Logic*, 1980-86

Editorial Board, *Philosophia Mathematica*, 1992-

Editorial Board for the *Collected Works* of Kurt Gödel, 1987-2003 (for volumes III, IV, and V)

Board of Syndics, Harvard University Press, 1991-94, 1995-96

Association for Symbolic Logic

Executive Committee, 1969-71

Secretary, 1971-76

Vice President, 1986-89

President, 1989-92

Council, 1992-98

U. S. National Committee for the International Union of History and Philosophy of Science, 1973-79 (as representative of ASL):

Secretary, 1974-76

Vice Chairman, 1976-78

Conference on Methods in Philosophy and the Sciences

Chairman, 1976-78

Institut International de Philosophie

Chair, Comité de cooptation, 2009-12

Vice President, 2012-2015 (one of two)

**Member of** American Association of University Professors, American Philosophical Association, Association for Symbolic Logic, North American Kant Society, Philosophy of Mathematics Association

### **Fellowships and honors**

Henry Fellow, 1954-55

Junior Fellow, Society of Fellows, Harvard University, 1958-61

George Santayana Fellow, Harvard University, 1964-65

Fellow, National Endowment for the Humanities, 1979-80

Visiting Fellow, All Souls College, Oxford, 1979-80

Guggenheim Fellow, 1986-87

Fellow, Netherlands Institute for Advanced Study, 1987

Fellow, Center for Advanced Study in the Behavioral Sciences, 1994-95

Fellow, Centre for Advanced Study, Norwegian Academy of Science and Letters,  
May 2016

Fellow, American Academy of Arts and Sciences, 1982-

Membre titulaire, Institut International de Philosophie, 2001-13, membre émérite,  
2013-

Foreign Member, Norwegian Academy of Science and Letters, 2002-

**Publications<sup>1</sup>**

1958

1958 Elimination of a restricted infinite induction (Abstract). **The Journal of Symbolic Logic** 23, 106.

1959

1959 Review of Haskell B. Curry and Robert Feys, *Combinatory Logic*, vol. I. **Philosophical Review** 68, 548-550.

1960

1960 (With H. R. Kohl.) Self-reference, truth, and provability. **Mind** N. S. 69, 69-73.

1960a Inhelder and Piaget's *The Growth of Logical Thinking*: II. A logician's viewpoint. **British Journal of Psychology** 51, 75-84.

1961

1961 Review of E. W. Beth, *The Foundations of Mathematics*. **Philosophical Review** 70, 553-556.

1962

1962 The  $\omega$ -consistency of ramified analysis. **Archiv für mathematische Logik und Grundlagenforschung** 6 (1962), 30-34.

1962a Review of Leonard Nelson, *Beiträge zur Philosophie der Logik und Mathematik*. **The Journal of Philosophy** 59, 242-246.

1964

1964 Infinity and Kant's conception of the "possibility of experience." **Philosophical Review** 73, 182-197.

Reprinted in MIP.

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<sup>1</sup> Omitted are reprints other than in books of my own, translations (either of these writings or my translations of other writings), most reviews of articles, and a couple of nonscholarly items. Abstracts are omitted where full papers are published or forthcoming.

- 1964a A note on Quine's treatment of transfinite recursion. **The Journal of Symbolic Logic** 29 (1964), 179-182.
- 1965 Frege's theory of number. In Max Black (ed.), *Philosophy in America*, pp. 180-203. London: Allen and Unwin, and Ithaca: Cornell University Press.
- Reprinted with Postscript in MIP.
- 1965a Review of Bella K. Milmed, *Kant and Current Philosophical Issues*. **Philosophical Review** 74, 253-255.
- 1965b Review of Alfred North Whitehead and Bertrand Russell, *Principia Mathematica* to \*56. **The Journal of Symbolic Logic** 30, 237-238.
- 1966
- 1966 A propositional calculus intermediate between the minimal calculus and the classical. **Notre Dame Journal of Formal Logic** 7, 353-358. (Published 1968.<sup>2</sup>)
- 1966a Reduction of inductions to quantifier-free induction (Abstract). **Notices of the American Mathematical Society** 13, 740.
- 1966b Ordinal recursion in partial systems of number theory. *Ibid.*, 857-858.
- 1967
- 1967 Brouwer, Luitzen Egbertus Jan. In Paul Edwards (ed.), *Encyclopedia of Philosophy*, vol. 1, pp. 399-401. New York: Macmillan. In 2d ed. with addendum and bibliographical updating by Mark van Atten, vol. 1, pp. 700-703. Detroit: Macmillan Reference USA, 2006.
- 1967a Mathematics, Foundations of. In *Encyclopedia of Philosophy*, vol. 5, pp. 188-213. In 2d ed. with supplement (2006) and some minor revisions and bibliographical updating, vol. 4, pp. 20-57.
- 1967b Introductory note to L. E. J. Brouwer, "On domains of definition of functions." In Jean van Heijenoort (ed.), *From Frege to Gödel: A Source Book in Mathematical Logic, 1879-1931*, pp. 446-453. Cambridge, Mass.: Harvard University Press.
- 1967c Review of Kurt Schütte, "Logische Abgrenzung des Transfiniten" (in *Logik und Logikkalkül: Festschrift für Wilhelm Britzelmayr* (Freiburg/München: Alber, 1961), pp. 105-114). **The Journal of Symbolic Logic** 32 (1967), 284.

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<sup>2</sup> This paper should not have been accepted for publication. The main result had appeared in a paper of Stig Kanger in 1955.

- 1967d Review of Kurt Schütte, "Predicative Well-Orderings" (in J. N. Crossley and M. A. E. Dummett (eds.), *Formal Systems and Recursive Functions* (Amsterdam, North-Holland, 1965), pp. 280-303), and "Eine Grenze für die Beweisbarkeit der transfiniten Induktion in der verzweigten Typenlogik" (*Archiv für mathematische Logik und Grundlagenforschung* 7 (1965), 45-60). *Ibid.* 32 (1967), 284-285.
- 1968
- 1968 Review of José A. Benardete, *Infinity*. **The Journal of Philosophy** 65 (1968), 431-437.
- 1968a Hierarchies of primitive recursive functions. **Zeitschrift für mathematische Logik und Grundlagen der Mathematik** 14, 357-376.
- 1969
- 1969 Kant's philosophy of arithmetic. In Sidney Morgenbesser, Patrick Suppes, and Morton White (eds.), *Philosophy, Science, and Method: Essays in Honor of Ernest Nagel*, pp. 568-594. New York: St. Martin's Press.
- Reprinted with Postscript in MIP.
- 1969a Correction to *Parsons 1966*. **Notre Dame Journal of Formal Logic** 10, 336.
- 1970
- 1970 On a number-theoretic choice schema and its relation to induction. In John Myhill, Akiko Kino, and Richard E. Vesley (eds.), *Intuitionism and Proof Theory* (Proceedings of the summer conference, Buffalo 1968), pp. 549-563. Amsterdam: North-Holland.
- 1970a Axiomatization of Åqvist's CS-logics. **Theoria** 36, 43-64.
- 1971
- 1971 Review of Jonathan Bennett, *Kant's Analytic*. **The Journal of Philosophy** 68, 42-51.
- 1971a A plea for substitutional quantification. **The Journal of Philosophy** 68, 231-237.
- Reprinted in MIP.
- 1971b Ontology and mathematics. **Philosophical Review** 80, 151-176.
- Reprinted with Postscript in MIP.

- 1971c Proof-theoretic analysis of restricted induction schemata (Abstract). **The Journal of Symbolic Logic** 36, 361.
- 1971d On a number-theoretic choice schema II (Abstract). *Ibid.*, 587.
- 1971e Proofs of well-foundedness by bar recursion of type 0 (Abstract). *Ibid.*, 706-707.
- 1971f Gödel-Spector interpretation of predicative analysis and related systems (Abstract). *Ibid.*, 707.
- 1972
- 1972 *Philosophy and Political Action*. Edited, with Virginia Held and Kai Nielsen. New York: Oxford University Press, 1972. (Introduction by CP.)
- 1972a On  $n$ -quantifier induction. **The Journal of Symbolic Logic** 37, 466-482.
- 1972b Review of Harry G. Frankfurt, *Demons, Dreamers, and Madmen: The Defense of Reason in Descartes' Meditations*. **The Journal of Philosophy** 69, 38-46.
- 1972c Review of J. M. B. Moss, "Some B. Russell's sprouts" (in Wilfrid Hodges (ed.), *Conference in Mathematical Logic, London '70*, Lecture Notes in Mathematics, 255, Berlin: Springer, 1972, pp. 211-250), **Mathematical Reviews** 53 (1977), #90.
- 1973
- 1973 Transfinite induction in subsystems of number theory (Abstract). **The Journal of Symbolic Logic** 38, 544-545.
- 1974
- 1974 Informal axiomatization, formalization, and the concept of truth. **Synthese** 27, 27-47. Also **Bolletino della Unione Matematica Italiana** (4) 9, Suppl. fasc. 2 (1974), 87-107.  
Reprinted in MIP.
- 1974a Sets and classes. **Noûs** 8, 1-12.  
Reprinted in MIP.
- 1974b On translating logic. **Synthese** 27, 405-411.
- 1974c The liar paradox. **Journal of Philosophical Logic** 3 (1974), 381-412.  
Reprinted with Postscript in MIP.

- 1974d Was ist eine mögliche Welt? **Kant-Studien** 65, 378-396.
- 1975
- 1975 On modal quantificational logic with contingent domains (Abstract). **The Journal of Symbolic Logic** 40, 302.
- 1976
- 1976 Some remarks on Frege's conception of extension. In Matthias Schirn (ed.), *Studien zu Frege I: Logik und Philosophie der Mathematik*, pp. 265-277. Stuttgart: Fromann, 1976.  
Reprinted with Postscript in FKH.
- 1976a Much ado about substitutional quantification (Abstract). **The Journal of Philosophy** 73, 651-653.
- 1977
- 1977 What is the iterative conception of set? In Robert E. Butts and Jaakko Hintikka (eds.), *Logic, Foundations of Mathematics, and Computability Theory*, pp. 335-367. Dordrecht: Reidel, 1977. Reprinted in MIP
- 1979 Realism and underdetermination: Comment on Burian. In Peter Bieri, Rolf-Peter Horstmann, and Lorenz Krüger (eds.), *Transcendental Arguments and Science*, pp. 235-243. Dordrecht: Reidel.
- 1980
- 1980 Mathematical intuition. **Proceedings of the Aristotelian Society** 80 (1979-80), 145-168.  
Partly incorporated into chapter 5 of 2008 (hereafter MTO).
- 1980a Paradox (in mathematics). In *The Academic American Encyclopedia*, vol. 15, pp. 75-76. Princeton, N. J.: Arête Publishing Company.
- 1980b Proof, mathematical. *Ibid.*, p. 568.
- 1981
- 1981 Modal set theories (Abstract). **The Journal of Symbolic Logic** 46, 683-684.

- 1981a Review of Peter Geach and Max Black (eds.), *Translations from the Philosophical Writings of Gottlob Frege*, 3rd ed. **The Journal of Symbolic Logic** 46, 870-871.
- 1982
- 1982 Intensional logic in extensional language. **The Journal of Symbolic Logic** 47, 289-328.
- 1982a Review Article: Gottlob Frege, *Wissenschaftlicher Briefwechsel*. **Synthese** 52, 325-343.  
Reprinted as "Frege's correspondence," with Postscript, in FKH.
- 1982b Substitutional quantification and mathematics. Review of Dale Gottlieb, *Ontological Economy*. **British Journal for the Philosophy of Science** 33, 409-421.
- 1982c Objects and logic. **The Monist** 65, 491-516.  
Incorporated into chapter 1 of MTO.
- 1983
- 1983 *How Many Questions? Essays in Honor of Sidney Morgenbesser*. Edited, with Leigh S. Cauman, Isaac Levi, and Robert Schwartz. Indianapolis: Hackett Publishing Company.
- 1983a The impredicativity of induction. In *1983*, pp. 132-153. (Cf. *1992a*.)
- 1983b *Mathematics in Philosophy: Selected Essays*. Ithaca and London: Cornell University Press. Cited as MIP. Paperback edition with corrections, 2005.  
Includes *1971* (with Postscript), *1971a*, *1974*, *1964*, *1969* (with Postscript), *1965* (with Postscript), *1983c*, *1974a*, *1974c* (with Postscript), *1977*, and *1983d*.
- 1983c Quine on the philosophy of mathematics. In MIP, pp. 176-205.  
Also in Lewis E. Hahn and Paul Arthur Schilpp (eds.), *The Philosophy of W. V. Quine*, pp. 369-395. La Salle, Ill.: Open Court, 1986. (Reply by Quine, *ibid.*, pp. 395-403.)
- 1983d Sets and modality. In MIP, pp. 298-341.
- 1983e The lambda-calculus and intensional logics (abstract). **The Journal of Symbolic Logic** 48 (1983), 516.<sup>3</sup>

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<sup>3</sup> A main claim of this abstract, that a  $\lambda$ -calculus with intensional operators has the Church-Rosser property, contradicts a published result. Thanks to Joyce Friedman for pointing this out.

- 1983f Intuition and the concept of number. *Seventh International Congress of Logic, Methodology, and Philosophy of Science, Salzburg 1983*. Abstracts, section 1, pp. 31-33.
- 1984
- 1984 Remarks on pure natural science. In Allen W. Wood (ed.), *Self and Nature in Kant's Philosophy*, pp. 216-227. Ithaca and London: Cornell University Press. Reprinted in FKH.
- 1984a Arithmetic and the categories. **Topoi** 3, 109-121.  
Reprinted in FKH, with Postscript also covering 1992 and 2010c.
- 1986
- 1986 Intuition in constructive mathematics. In Jeremy Butterfield (ed.), *Language, Mind, and Logic*, pp. 211-229. Cambridge University Press.
- 1986a Review of Philip Kitcher, *The Nature of Mathematical Knowledge*. **Philosophical Review** 95, 129-137.
- 1987
- 1987 Developing arithmetic in set theory without Infinity: Some historical remarks. **History and Philosophy of Logic** 8, 201-213.
- 1987a Review of George Bealer, *Quality and Concept*. **International Studies in Philosophy** 19, 3, 67-68.
- 1990
- 1990 *On Constructive Interpretation of Predicative Mathematics*. (Dissertation, Harvard University, 1961, with new Preface.) New York: Garland Publishing.
- 1990a Introductory note to 1944 ["Russell's mathematical logic"]. In Kurt Gödel, *Collected Works, volume II: Publications 1938-1974* (Solomon Feferman et al., eds.), pp. 102-118. Oxford University Press. Reprinted with Postscript in PMTC.
- 1990b Introductory note to 1946 ["Remarks before the Princeton Bicentennial Conference on Problems in Mathematics"]. In Gödel, *Collected Works*, vol. II, pp. 144-150.
- 1990c The structuralist view of mathematical objects. **Synthese** 84, 303-346.  
Largely incorporated into chapters 2 and 3 of MTO.

- 1990d The uniqueness of the natural numbers. **Iyyun** 39, 13-44. (Proceedings of a conference on Philosophy of Mathematics, Jerusalem, June 1987.)

Partly incorporated into chapter 8 of MTO.

- 1990e Genetic explanation in *The Roots of Reference*. In Robert B. Barrett and Roger F. Gibson (eds.), *Perspectives on Quine*, pp. 273-290. Oxford: Blackwell. (Comment by Quine, *ibid.*, pp. 291-293.) Reprinted in PMTC.

- 1990f Review of C. Anthony Anderson, "General intensional logic" (in D. Gabbay and F. Guenther (eds.), *Handbook of Philosophical Logic*, vol. II, *Extensions of Classical Logic*, Dordrecht: Reidel, 1984, pp. 355-385), **The Journal of Symbolic Logic** 55 (1990), 892-894.

1992

- 1992 The Transcendental Aesthetic. In Paul Guyer (ed.), *The Cambridge Companion to Kant*, pp. 62-100. Cambridge University Press, 1992.

Reprinted in FKH, with Postscript also covering 1984, 1984a and 2010c.

- 1992a The impredicativity of induction. (Revised and expanded version of 1983a.) In Michael Detlefsen (ed.), *Proof, Logic, and Formalization*, pp. 139-161. London: Routledge.

Incorporated into chapter 8 of MTO.

1993

- 1993 On some difficulties concerning intuition and intuitive knowledge. **Mind** 102, 233-245.

Partly incorporated into chapters 5 and 7 of MTO.

1994

- 1994 Intuition and number. In Alexander George (ed.), *Mathematics and Mind*, pp. 141-157. Oxford University Press.

Incorporated into chapter 6 of MTO.

- 1995 Kurt Gödel, *Collected Works, Volume III: Unpublished Essays and Lectures*. Edited, with Solomon Feferman (editor-in-chief), John W. Dawson, Jr., Warren Goldfarb, and Robert M. Solovay. New York and Oxford: Oxford University Press, 1995.

- 1995a (With Wilfried Sieg.) Introductory note to \*1938a ["Vortrag bei Zilsel"]. In 1995, pp. 62-85.

- Reprinted as "Gödel at Zilsel's" in Sieg, *Hilbert's Programs and Beyond*. Oxford University Press, 2013.
- 1995b Quine and Gödel on analyticity. In Paolo Leonardi and Marco Santambrogio (eds.), *On Quine: New Essays*, pp. 297-313. (Proceedings of the conference at San Marino, May 1990.) Cambridge University Press.
- Reprinted with Postscript in PMTC.
- 1995c Structuralism and the concept of set. In Walter Sinnott-Armstrong (ed. in collaboration with Nicholas Asher and Diana Raffman), *Modality, Morality, and Belief: Essays in honor of Ruth Barcan Marcus*, pp. 74-92. Cambridge University Press.
- Incorporated into chapter 4 of MTO.
- 1995d Platonism and mathematical intuition in Kurt Gödel's thought. **The Bulletin of Symbolic Logic** 1, 44-74.
- Reprinted in *2010a*, pp. 326-355. Reprinted with Postscript in PMTC.
- 1995e A distinction in platonism. In *Under Tall Trees: A Tribute to Dirk van de Kaa*, pp. 9-10. Wassenaar: Netherlands Institute for Advanced Study in the Humanities and Social Sciences.
- 1996 Platonism, mathematical. In Donald M. Borchert (editor-in-chief), *The Encyclopedia of Philosophy Supplement*, pp. 449-450. New York: Macmillan Reference USA.
- 1996a In memoriam: Hao Wang, 1921-1995. **The Bulletin of Symbolic Logic** 2 (1996), 108-111.
- 1996b Hao Wang as philosopher. In Petr Hájek (ed.), *Gödel '96: Logical Foundations of Mathematics, Computer Science, and Physics — Kurt Gödel's Legacy*, pp. 64-80. Lecture Notes in Logic 6. Springer-Verlag. (Cf. 1998a.)
- 1996c (With Sidney Morgenbesser.) Hao Wang, 1921-1995. **Proceedings and Addresses of the American Philosophical Association** 70 (1996-97), 195-197. (In part reprinted from 1996a.)
- 1996d Review of Jean Dieudonné, *Mathematics: The Music of Reason*. **Philosophia Mathematica** (3) 4, 190-195.
- 1996e Review of Michael Dummett, *Frege: Philosophy of Mathematics*. **Philosophical Review** 105, 540-547. (Published August 1997.).

1997

1997 What can we do "in principle"? In Maria Luisa Dalla Chiara, Kees Doets, Daniele Mundici, and Johan van Benthem (eds.), *Logic and Scientific Methods*, pp. 335-354. Volume One of the Tenth International Congress of Logic, Methodology, and Philosophy of Science, Florence, August 1995. Dordrecht: Kluwer.

1997a Wright on abstraction and set theory. In Richard G. Heck, Jr. (ed.), *Language, Thought, and Logic: Essays in honour of Michael Dummett*, pp. 263-271. Oxford University Press, 1997.

1998

1998 Finitism and intuitive knowledge. In Matthias Schirn (ed.), *The Philosophy of Mathematics Today*, pp. 249-270. Oxford: Clarendon Press.

Incorporated into chapter 7 of MTO.

1998a Hao Wang as philosopher and interpreter of Gödel. (Revised and expanded version of 1996b.) *Philosophia Mathematica* (3) 6, 3-24.

Reprinted in PMTC.

1998b (With Marie Grossi, Montgomery Link, and Katalin Makkai.) A bibliography of Hao Wang. *Philosophia Mathematica* (3) 6, 25-38.

Reprinted, revised, in 2011a.

1998c Intuition and the abstract. In Marcelo Stamm (ed.), *Philosophie in synthetischer Absicht*, pp. 155-187.<sup>4</sup> Stuttgart: Klett-Cotta.

Extracted from the then current version of chapter 5 of MTO.

1999

1999 George Boolos. *Notre Dame Journal of Formal Logic* 40, 3-5. (Published February 2001.)

1999a Review of John P. Burgess and Gideon Rosen, *A Subject with no Object: Strategies for Nominalistic Interpretation of Mathematics*. *The Journal of Symbolic Logic* 64, 391-394.

1999b Strict predicativity (abstract). *11th International Congress of Logic, Methodology, and Philosophy of Science, Cracow 1999. Volume of Abstracts*, p. 278. (Section 9.)

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<sup>4</sup> This volume is a Festschrift for Dieter Henrich.

- 1999c Two conceptions of intuition (abstract). **The Bulletin of Symbolic Logic** 5, 397.
- 2000
- 2000 Reason and intuition. **Synthese** 125, 299-315.  
Largely incorporated into chapter 9 of MTO.
- 2001
- 2001 Husserl and the linguistic turn. In Juliet Floyd and Sanford Shieh (eds.), *Future Pasts: The Analytic Tradition in Twentieth-Century Philosophy*, pp. 123-141. Oxford University Press.  
Reprinted in FKH.
- 2001a Willard van Orman Quine, 1908-2000. **Proceedings and Addresses of the American Philosophical Association** 75, 2 (November 2001), 121-124.
- 2002
- 2002 Realism and the debate on impredicativity, 1917-1944. In Wilfried Sieg, Richard Sommer, and Carolyn Talcott (eds.), *Reflections on the Foundations of Mathematics: Essays in honor of Solomon Feferman*, pp. 372-389. Lecture Notes in Logic 15. Urbana, Ill.: Association for Symbolic Logic, and Natick: A. K. Peters.  
Reprinted with Postscript in PMTC.
- 2002a (With Dagfinn Føllesdal.) In memoriam: Willard van Orman Quine, 1908-2000. **The Bulletin of Symbolic Logic** 8, 105-110.
- 2002b Hao Wang and mathematical logic. **Newsletter on the Status of Asian / Asian American Philosophers and Philosophies** (American Philosophical Association) 01, 2 (spring 2002), 28-30. Reprinted, slightly revised, as "Hao Wang" in *2011a*.
- 2002c W. V. Quine: A student's-eye view. **Harvard Review of Philosophy** 10, 6-10.
- 2003
- 2003 Kurt Gödel, *Collected Works*, Volume IV: *Correspondence A-G*. Edited, with Solomon Feferman and John W. Dawson, Jr. (editors-in-chief), Warren Goldfarb, and Wilfried Sieg. Oxford: Clarendon Press.

- Includes introductory notes to correspondences with Heinrich Behmann (pp. 13-19), Alonzo Church (361-366), and Gotthard Günther (457-477).
- 2003a Kurt Gödel, *Collected Works, Volume V: Correspondence H-Z*. Edited, with Solomon Feferman and John W. Dawson, Jr. (editors-in-chief), Warren Goldfarb, and Wilfried Sieg. Oxford: Clarendon Press.
- Includes introductory notes to correspondences with Arend Heyting (27-33), Ernest Nagel (with Wilfried Sieg, 135-144), Walter Pitts (with Øystein Linnebo, 157-159), Wolfgang Rautenberg (179-181), and Hao Wang (379-385), as well as to Appendix B (575).
- 2003b Communication and the uniqueness of the natural numbers. In *Proceedings of the First Seminar on Philosophy of Mathematics in Iran*, pp. 1-30. Faculty of Mathematical Sciences, Shahid Beheshti University, Tehran.
- Largely incorporated into chapter 8 of MTO.
- 2003c Correction to 2002c. **Harvard Review of Philosophy** 11, masthead page.
- 2004
- 2004 Structuralism and metaphysics. **Philosophical Quarterly** 54, 56-77.
- Partly incorporated into chapter 3 of MTO.
- 2004a Brentano on judgment and truth. In Dale Jacquette (ed.), *The Cambridge Companion to Brentano*, pp. 168-196. Cambridge University Press. Reprinted in FKH.
- 2004b Some remarks on Talcott Parsons's family. **The American Sociologist** 35, 3 (Fall 2004), 4-22. (Published June 2005.)
- 2005
- 2005 Gödel, Kurt Friedrich (1906-1978). In John R. Shook (General ed.), *Dictionary of Modern American Philosophers*, vol. 2, pp. 940-946. Bristol: Thoemmes Press.
- Reprinted, edited, as "Kurt Gödel" in PMTC.
- 2006
- 2006 Supplement to 1967a. In Donald M. Borchert (General ed.), *The Encyclopedia of Philosophy*, 2d ed., vol. 4, pp. 47-53, 55-57. Detroit: Macmillan Reference USA.
- 2006b The problem of absolute universality. In Agustín Rayo and Gabriel Uzquiano (eds.), *Absolute Generality*, pp. 203-219. Oxford: Clarendon Press.

2008

2008 *Mathematical Thought and its Objects*. Cambridge University Press. Paperback edition, with some corrections, 2009. Cited as MTO.

2008a Paul Bernays' later philosophy of mathematics. In Costa Dimitracopoulos, Ludomir Newelski, Dag Normann, and John R. Steel (eds.), *Logic Colloquium 2005*, pp. 129-150. Lecture Notes in Logic 28. Urbana, Association for Symbolic Logic, and Cambridge University Press.<sup>5</sup> Reprinted in PMTC.

2008b Responses to questions in Vincent F. Hendricks and Hannes Leitgeb (eds.), *Philosophy of Mathematics: 5 Questions*, no. 19, pp. 205-210. Automatic Press/VIP.

2009

2009 Critical Study: William Tait, *The Provenance of Pure Reason*. **Philosophia Mathematica (III)** 17, 220-247. Reprinted as "William Tait's philosophy of mathematics" in PMTC.

2009a Review of Eckart Menzler-Trott, *Logic's Lost Genius: The Life of Gerhard Gentzen*. **Isis** 100, 424-425.

2009b Review Essay: John P. Burgess, *Fixing Frege*. **The Journal of Philosophy** 106, 404-417.

2010

2010 Introductory note to 1909a and 1909b [two papers on finite sets]. In Ernst Zermelo, *Collected Works/Gesammelte Werke*, ed. Heinz-Dieter Ebbinghaus, Craig Fraser, and Akihiro Kanamori, volume I, *Set Theory, Miscellanea*, ed. Ebbinghaus and Kanamori, pp. 230-237. Springer-Verlag,

2010a *Kurt Gödel: Essays for his Centennial*. Edited, with Solomon Feferman and Stephen G. Simpson. Lecture Notes in Logic 33. Association for Symbolic Logic and Cambridge University Press.

2010b Gödel and philosophical idealism. **Philosophia Mathematica (3)** 18, 166-192.

2010c Two studies in the reception of Kant's philosophy of arithmetic. In Michael Dickson and Mary Domski (eds.), *Discourse on a New Method: Reinvigorating the Marriage of History and Philosophy of Science*, pp. 135-153. Chicago and La Salle, Ill.: Open Court.

Reprinted in FKH.

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<sup>5</sup> Though dated 2008 on the copyright page, this book was actually published in late 2007, and the copyright notices on individual papers are dated 2006.

2010d. On philosophy of mathematics. An interview with Charles Parsons. **Harvard Review of Philosophy** 17, 137-150. Online at [www.harvardphilosophy.com](http://www.harvardphilosophy.com).<sup>6</sup>

2011

2011 Quine's nominalism. **American Philosophical Quarterly** 48, 213-228.

Reprinted in PMTC.

2011a *Hao Wang, Logician and Philosopher*. Edited, with Montgomery Link. Texts in Philosophy 16. London: College Publications.

Includes an edition with introduction and notes of Wang, "Sets and concepts, on the basis of discussions with Gödel" (fragment Q) as well as a reprint of 2002b.

2012

2012. *From Kant to Husserl. Selected Essays*. Cambridge, Mass.: Harvard University Press.

(Includes 1992, 1984a, 1984, 2010c, 1976, 1982a, 2004a, and 2001, with postscripts to essays on Kant and to 1976 and 1982a.)

2012a Structuralism and its discontents. **Abstracts Presented to the American Mathematical Society** 33, 386, no. 0077-AJ-1755.

2012b Prefatory note to Rosemarie Rheinwald, "Menschen, Maschinen, und Gödels Theorem." In Rheinwald, *Logik, Kausalität, Freiheit — Ausgewählte Aufsätze/Logic, Causality, Freedom — Selected Papers*, Oliver R. Scholz and Jan G. Michel, eds., pp. 249-251. Paderborn, Mentis Verlag.

2013

2013 Putnam on existence and ontology. In Maria Baghramian (ed.), *Reading Putnam*, pp. 182-201. (Proceedings of the conference *Putnam at 80*, University College Dublin, March 2007.) London: Routledge. (Reply by Putnam, *ibid.*, pp. 202-204.) Reprinted in PMTC.

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<sup>6</sup> This is in addition to the print version, of whose existence I did not know until 2015.

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- 2015b Leigh Steinhardt Cauman, 1917-2015. **Proceedings and Addresses of the American Philosophical Association** 89, 187-188.
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- 2016 Theories of truth and the value of truth. **Diotima** (Athens) 44, 82-100.
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<sup>7</sup> This paper was submitted in essentially final form in 2003.

- 2018 Gödel and the universe of sets (abstract). *The Bulletin of Symbolic Logic* 24, 120.
- 2018a Concepts versus objects. In Erich Reck (ed.), *Logic, Philosophy of Mathematics, and their History. Essays in honor of W. W. Tait*, pp. 91-111. London: College Publications.

### Forthcoming

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Remarks on two papers by Paul Bernays. In *Proceedings of the 41<sup>st</sup> International Wittgenstein Symposium, Kirchberg am Wechsel, Austria, 2018*. Gabriele Mras and Paul Weingartner, eds. Berlin: de Gruyter.

Brief remarks on Putnam on realism in mathematics. In Alan Berger (ed.), *Philosophy in the Age of Science: Themes from the Philosophy of Hilary Putnam*. Oxford University Press.

Evidence and the hierarchy of mathematical theories. In Peter Koellner (ed.), *Exploring the Frontiers of Incompleteness*. Probably in the Lecture Notes in Logic series of the Association for Symbolic Logic.

Intuition revisited. In Carl Posy and Ofra Rechter (eds.), *Kant's Philosophy of Mathematics: Reception and Influence*. Cambridge University Press.

Introductions to "Sur le platonisme dans les mathématiques" (1935), "Mathematische Existenz und Widerspruchsfreiheit" (1950), "Die Mathematik als ein zugleich Vertrautes und Unbekanntes" (1955), and the Preface to *Abhandlungen zur Philosophie der Mathematik* (1976). In Paul Bernays, *Essays on the Philosophy of Mathematics* (Wilfried Sieg, W. W. Tait, Steve Awodey, and Dirk Schlimm, eds. in collaboration with others). Chicago and La Salle, Ill.: Open Court.<sup>8</sup>

### In preparation

Gödel and the universe of sets. Text for Gödel Lecture to the Association for Symbolic Logic, March 2017. Possible submission to the *Bulletin of Symbolic Logic*, very likely with a changed title. (Cf. the abstract 2018.)

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<sup>8</sup> The third and fourth of these introductions were written in 2003. The second was drafted in 2003 and revised in 2007. The first was written in 2009. Although Open Court was to be the publisher, this will probably not happen. The most likely alternative is Oxford University Press. But no definite arrangement is in place (as of August 2019).

Kreisel and Gödel. For the proceedings of the conference "Kreisel's interests," University of Salzburg, August 2018.