The philosophy of Immanuel Kant is the watershed of modern thought, which irrevocably changed the landscape of the field and prepared the way for all the significant philosophical movements of the nineteenth and twentieth centuries. This volume, which complements *The Cambridge Companion to Kant*, covers every aspect of Kant's philosophy, with an expanded focus on his moral and political philosophy. It also provides detailed coverage of Kant's historical context and of the enormous impact and influence that his work has had on the subsequent history of philosophy. The bibliography provides extensive and organized coverage of both classical and recent books on Kant in the main languages of Kant scholarship. This volume thus provides the broadest and deepest introduction to Kant and his place in modern philosophy currently available. It makes the philosophical enterprise of Kant accessible to those coming to his work for the first time.

Paul Guyer is Florence R. C. Murray Professor in the Humanities at the University of Pennsylvania. The editor and translator of three volumes in the *Cambridge Edition of the Works of Immanuel Kant*, he is the author of more than 150 articles and six books. He has held fellowships from the John Simon Guggenheim Memorial Foundation, the National Endowment for the Humanities, and at the Princeton University Center for Human Values. He is a member of the American Academy of Arts and Sciences.
OTHER VOLUMES IN THE SERIES OF CAMBRIDGE COMPANIONS:

AQUINAS  Edited by NORMAN KREITZMANN and ELEONORE STUMP
HANNAH ARENDT  Edited by DANA VILLA
ARISTOTLE  Edited by JONATHAN BARNES
AUGUSTINE  Edited by ELEONORE STUMP and
  NORMAN KREITZMANN
BACON  Edited by MARKKU PELTONEN
BERKELEY  Edited by KENNETH P. WINKLER
DESCARTES  Edited by JOHN COTTINGHAM
DUNS SCOTUS  Edited by THOMAS WILLIAMS
EARLY GREEK PHILOSOPHY  Edited by A. A. LONG
FEMINISM IN PHILOSOPHY  Edited by MIRANDA FRICKER and
  JENNIFER HORNBY
FOUCAULT  Edited by GARY GUTTING
FREUD  Edited by JEROME NEU
GADAMER  Edited by ROBERT J. DOSTAL
GALILEO  Edited by PETER MACHAMER
GERMAN IDEALISM  Edited by KARL AMERIKS
HABERMAS  Edited by STEPHEN K. WHITE
HEGEL  Edited by FREDERICK BEISER
HEIDEGGER  Edited by CHARLES GUIGNON
HOBSES  Edited by TOM SORRELL
HUME  Edited by DAVID FATE NORTON
HUSSERL  Edited by BARRY SMITH and
  DAVID WOODRUFF SMITH
WILLIAM JAMES  Edited by RUTH ANNA PUTNAM
KANT  Edited by PAUL GUYER
KIERKEGAARD  Edited by ALASTAIR HANNAY and
  GOR DON MARINO
LEIBNIZ  Edited by NICHOLAS JOLLEY
LOCKE  Edited by VERE CHAPPLE
MALEBRANCHE  Edited by STEVEN NADLER
MARX  Edited by TERRELL CARVER
MILL  Edited by JOHN SKORUPSKI
NEWTON  Edited by I. BERNARD COHEN and
  GEORGE E. SMITH
NIETZSCHE  Edited by BERND MAGNUS and
  KATHLEEN HIGGINS
OCKHAM  Edited by PAUL VINCENT SPADE
PLATO  Edited by RICHARD KRAUT
PLOTINUS  Edited by LLOYD P. GERSON
ROUSSEAU  Edited by PATRICK RILEY
SARTRE  Edited by CHRISTINA HOWELLS
SCHOPENHAUER  Edited by CHRISTOPHER JANAWAY
SPINOZA  Edited by DON GARRETT
WITTGENSTEIN  Edited by KANS SLUGA and
  DAVID STERN

© Cambridge University Press  www.cambridge.org
The Cambridge Companion to
KANT AND MODERN PHILOSOPHY

Edited by
Paul Guyer
University of Pennsylvania
CONTENTS

Foreword vii
Contributors ix
Method of Citation xiii

Introduction: The starry heavens and the moral law 1
Paul Guyer

1. “A Priori” 28
Philip Kitcher

2. Kant on the perception of space (and time) 61
Gary Hatfield

3. Kant’s philosophy of mathematics 94
Lisa Shabel

4. Kant on a priori concepts: The metaphysical deduction of the categories 129
Béatrice Longuenesse

5. Kant’s philosophy of the cognitive mind 169
Patricia Kitcher

6. Kant’s proofs of substance and causation 203
Arthur Melnick

7. Kant and transcendental arguments 238
Ralph C. S. Walker
CONTENTS

8. The critique of metaphysics: The structure and fate of Kant’s dialectic
   KARL AMERIKS
   269

9. Philosophy of natural science
   MICHAEL FRIEDMAN
   303

10. The supreme principle of morality
    ALLEN W. WOOD
    342

11. Kant on freedom of the will
    HENRY E. ALLISON
    381

12. Mine and thine? The Kantian state
    ROBERT B. PI PPIN
    416

13. Kant on sex and marriage right
    JANE KNELLER
    447

14. Kant’s theory of peace
    PAULINE KLEINGE LD
    477

15. Kant’s conception of virtue
    LARA DENIS
    505

16. Kant’s ambitions in the third Critique
    PAUL GUYER
    538

17. Moral faith and the highest good
    FREDERICK C. BEISER
    588

18. Kant’s critical philosophy and its reception – the first five years [1781–1786]
    MANFRED KUEHN
    630

Bibliography
   665

Index
   709
The Cambridge Companion to Kant was published in 1992. Since that time, interest in Kant has remained strong and Kant scholarship has continued to flourish. When the late and dearly missed Terry Moore, at that time Executive Editor of the Humanities at Cambridge University Press, first proposed this volume, he may have had in mind that the authors of the 1992 text would update their essays and that I would update the bibliography. But it seemed to me that it would be more interesting to produce a very different volume that would supplement rather than supplant the earlier book. I have been fortunate to be able to recruit new essays from some of the contributors to The Cambridge Companion to Kant, although in many cases they have written on topics different from those they addressed in that volume. And I have been equally fortunate in signing up a healthy number of new contributors, including both senior members of the community of Kant scholars and several of the brightest new lights in the field.

This new volume is larger than the earlier book primarily because it includes more extensive coverage of Kant’s moral and political philosophy. The aims of this Companion are also somewhat different than those of the first. To write the history of the position of Kant in modern philosophy, that is, of both his response to previous philosophy and his impact on the subsequent history of philosophy, would be tantamount to writing a comprehensive history of modern philosophy, and at this point in time may well be beyond the capacity of any single person. But I thought that this volume could make at least a start on such a project, and accordingly asked that each essay address both the historical context and the historical impact of the particular topic in Kant that it concerns. Contributors have responded to this
foreword

charge in different ways, but all have done so in interesting ways. I therefore hope that this volume will not only introduce readers to the extraordinary breadth as well as depth of Kant's thought, but also make a start on the project of assessing the extraordinary breadth and depth of Kant's influence on the entire course of modern philosophy.

In addition to Terry Moore, who has left the whole series of Cambridge Companions to the philosophers as one among the many lasting monuments to his life’s work at Cambridge University Press, two of the contributors to the earlier Companion, Eva Schaper and J. Michael Young, have also passed away since 1992. They are all remembered here with affection and gratitude. I am also grateful to Beatrice Rehl for her unstinting support in spite of the circumstances in which she inherited this project.

PAUL GUYER
February, 2005
CONTRIBUTORS


Lara Denis is Associate Professor of Philosophy and Director of the Ethics Program at Agnes Scott College. She is the author of *Moral Self-Regard: Duties to Oneself in Kant’s Ethics* (2001) and has edited a new version of Thomas K. Abbott’s 1873 translation of Kant’s *Groundwork for the Metaphysics of Morals* (2005).

Michael Friedman is Frederick P. Rehmus Family Professor of Humanities at Stanford University. His publications include *Foundations of Space-time Theories: Relativistic Physics and Philosophy of Science* (1983), Kant and the Exact Sciences (1992), Reconsidering Logical Positivism (1999), A Parting of the Ways: Carnap, Cassirer, and Heidegger (2000), and Dynamics of Reason (2001). He has also translated Kant’s *Metaphysical Foundations of Natural Science* (2004).


Patricia Kitcher is Professor of Philosophy and Mark Van Doren Professor of Humanities at Columbia University. Her books include...
Contributors


Pauline Kleingeld is Professor of Philosophy at the University of Leiden, the Netherlands. She is the author of Fortschritt und Vernunft: Zur Geschichtsphilosophie Kants (1995) and the editor of a volume of essays on Kant’s Toward Perpetual Peace (2005).

Jane Kneller is Professor of Philosophy at Colorado State University. She has edited Autonomy and Community: Readings in Contemporary Kantian Social Philosophy (1998, with Sidney Axinn), and translated Klaus Reich’s The Completeness of Kant’s Table of Categories (1992, with Michael Losonsky) and Novalis’s Fichte Studies (2003).

Manfred Kuehn is Professor of Philosophy at Boston University. His works include Scottish Common Sense in Germany, 1768–1800: A Contribution to the History of Critical Philosophy (1987) and Kant: A Biography (2001). He has also edited an extensive compilation of papers on Kant, Kant: Theoretical Philosophy and Kant: Practical Philosophy (1999, with Heiner Klemme).

Béatrice Longuenesse is Professor of Philosophy at New York University. She is the author of Hegel et la Critique de la Métaphysique (1981), Kant et le Pouvoir de Juger (1993), translated and expanded as Kant and the Capacity to Judge (1998), and Kant on the Human Standpoint (2003).

Arthur Melnick is Professor of Philosophy at the University of Illinois, Urbana-Champaign. He is the author of Kant’s Analogies of

ROBERT B. PIPPIN is the Raymond W. and Martha Hilpert Gruner Distinguished Service Professor in the Committee on Social Thought, Department of Philosophy, and the College at the University of Chicago. His books include Kant’s Theory of Form: An Essay on the Critique of Pure Reason [1982], Hegel’s Idealism: The Satisfactions of Self-Consciousness [1989], Modernism as a Philosophical Problem: On the Dissatisfactions of European High Culture [1991], Idealism as Monedrism: Hegelian Variations [1997], Henry James and Modern Moral Life [2000], The Persistence of Subjectivity: On the Kantian Aftermath [2005], and Nietzsche, moralist français: La conception nietzschéenne d’une psychologie philosophique [2005].

LISA SHABEL is Associate Professor of Philosophy at the Ohio State University. She is the author of Mathematics in Kant’s Critical Philosophy: Reflections on Mathematical Practice [2003].

RALPH C. S. WALKER is Fellow and Tutor in Philosophy, Magdalen College, the University of Oxford. He is the author of Kant [1978], The Coherence Theory of Truth [1988], and Kant and the Moral Law [1998]. He has also edited Kant on Pure Reason [1982] and The Real in the Ideal [1989].

Citations to Kant’s texts are generally given parenthetically, although additional references are often included in the endnotes to the essays. Two forms of citation are employed. Citations from the Critique of Pure Reason are located by reference to the pagination of Kant’s first (“A”) and/or second (“B”) editions. All other passages from Kant’s works are cited by the volume and page number, given by arabic numerals separated by a colon, in the standard edition of Kant’s works, Kant’s gesammelte Schriften, edited by the Royal Prussian, later German, then Berlin-Brandenburg Academy of Sciences, 29 volumes (volume 26 not yet published) (Berlin: Georg Reimer, later Walter de Gruyter & Co., 1900–). Where Kant divided a work into numbered sections, his section number typically precedes the volume and page number. These references are preceded by a short title for the work cited, except where the context makes that obvious. Since standard translations of the Critique of Pure Reason provide the “A” and “B” page numbers and modern editions of Kant’s other works always give the Academy edition pagination, page numbers for translations have been omitted. Unless otherwise indicated in the individual essays, all translations are from the Cambridge Edition of the Works of Immanuel Kant [1992–].

The following lists, in alphabetical order, the short titles of Kant’s works, with date of original publication in parentheses, that are used throughout the volume.

Conflict
Conflict of the Faculties [1798]

Correspondence
Kant’s correspondence, in volumes 10–13 of the Academy edition or in Zweig (see Bibliography)
<table>
<thead>
<tr>
<th>Method of Citation</th>
<th>Title and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directions</td>
<td>Concerning the Ultimate Ground of the Differentiation of Directions in Space (1768)</td>
</tr>
<tr>
<td>Dissertation</td>
<td>Inaugural dissertation On the Form and Principles of the Sensible and Intelligible Worlds (1770)</td>
</tr>
<tr>
<td>Dreams</td>
<td>Dreams of a Spirit-See (1766)</td>
</tr>
<tr>
<td>Enlightenment</td>
<td>“Answer to the Question: What is Enlightenment?” (1784)</td>
</tr>
<tr>
<td>False Subtlety</td>
<td>On the False Subtlety of the Four Syllogistic Figures (1762)</td>
</tr>
<tr>
<td>FI</td>
<td>First Introduction to the Critique of the Power of Judgment (posthumous)</td>
</tr>
<tr>
<td>Groundwork</td>
<td>Groundwork for the Metaphysics of Morals (1785)</td>
</tr>
<tr>
<td>Judgment</td>
<td>Critique of the Power of Judgment (1790)</td>
</tr>
<tr>
<td>Living Forces</td>
<td>On the True Estimation of Living Forces (1747)</td>
</tr>
<tr>
<td>Metaphysical Foundations</td>
<td>Metaphysical Foundations of Natural Science (1786)</td>
</tr>
<tr>
<td>Morals</td>
<td>Metaphysics of Morals (1797)</td>
</tr>
<tr>
<td>Negative Magnitudes</td>
<td>Attempt to Introduce the Concept of Negative Magnitudes into Philosophy (1763)</td>
</tr>
<tr>
<td>New Elucidation</td>
<td>A New Elucidation of the First Principles of Metaphysical Cognition (1755)</td>
</tr>
<tr>
<td>Observations</td>
<td>Observations on the Feeling of the Beautiful and Sublime (1764)</td>
</tr>
<tr>
<td>Only Possible Argument</td>
<td>The Only Possible Argument in Support of a Demonstration of the Existence of God (1763)</td>
</tr>
<tr>
<td>Orientation</td>
<td>“What Does It Mean to Orient Oneself in Thought?” (1786)</td>
</tr>
<tr>
<td>Method of citation</td>
<td>Toward Perpetual Peace (1795)</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Perpetual Peace</td>
<td>The Employment in Natural</td>
</tr>
<tr>
<td></td>
<td>Philosophy of Metaphysics</td>
</tr>
<tr>
<td></td>
<td>combined with Geometry, of</td>
</tr>
<tr>
<td></td>
<td>which Sample I Contains the</td>
</tr>
<tr>
<td></td>
<td>Physical Monadology (1756)</td>
</tr>
<tr>
<td>Physical Monadology</td>
<td></td>
</tr>
<tr>
<td>Practical Reason</td>
<td>Critique of Practical Reason</td>
</tr>
<tr>
<td></td>
<td>[1788]</td>
</tr>
<tr>
<td>Prize Essay</td>
<td>Inquiry concerning the</td>
</tr>
<tr>
<td></td>
<td>Distinctness of the</td>
</tr>
<tr>
<td></td>
<td>Principles of Natural</td>
</tr>
<tr>
<td></td>
<td>Theology and Morals (1764)</td>
</tr>
<tr>
<td>Progress</td>
<td>What is the Real Progress</td>
</tr>
<tr>
<td></td>
<td>that Metaphysics has made in</td>
</tr>
<tr>
<td></td>
<td>Germany since the Time of</td>
</tr>
<tr>
<td></td>
<td>Leibniz and Wolff, edited by</td>
</tr>
<tr>
<td></td>
<td>F. T. Rink (1804)</td>
</tr>
<tr>
<td>Prolegomena</td>
<td>Prolegomena to Any Future</td>
</tr>
<tr>
<td></td>
<td>Metaphysics That Shall Come</td>
</tr>
<tr>
<td></td>
<td>Forth as Scientific (1783)</td>
</tr>
<tr>
<td>Pure Reason</td>
<td>Critique of Pure Reason</td>
</tr>
<tr>
<td>R</td>
<td>[1781, 1787]</td>
</tr>
<tr>
<td>R</td>
<td>Reflexionen (Kant's notes and</td>
</tr>
<tr>
<td></td>
<td>marginalia in volumes 14–20,</td>
</tr>
<tr>
<td></td>
<td>23 of the Academy edition)</td>
</tr>
<tr>
<td>Religion</td>
<td>Religion within the</td>
</tr>
<tr>
<td></td>
<td>Boundaries of Mere Reason</td>
</tr>
<tr>
<td></td>
<td>[1793]</td>
</tr>
<tr>
<td>Theodicy</td>
<td>“On the Failure of all</td>
</tr>
<tr>
<td></td>
<td>Philosophical Attempts at a</td>
</tr>
<tr>
<td></td>
<td>Theodicy” (1791)</td>
</tr>
<tr>
<td>Theory and Practice</td>
<td>“On the common saying: That</td>
</tr>
<tr>
<td></td>
<td>may be correct in theory but</td>
</tr>
<tr>
<td></td>
<td>it is of no use in practice”</td>
</tr>
<tr>
<td></td>
<td>[1793]</td>
</tr>
<tr>
<td>Universal History</td>
<td>“Ideas toward a Universal</td>
</tr>
<tr>
<td></td>
<td>History from a Cosmopolitan</td>
</tr>
<tr>
<td></td>
<td>Point of View” (1784)</td>
</tr>
<tr>
<td>Universal Natural History</td>
<td>Universal Natural History and</td>
</tr>
<tr>
<td></td>
<td>Theory of the Heavens (1755)</td>
</tr>
</tbody>
</table>