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ANTHONY B. ATKINSON &  
JOSEPH E. STIGLITZ

With a new introduction by the authors

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**Anthony B. Atkinson** is Centennial Professor at the London School of Economics and an honorary fellow of Nuffield College, University of Oxford. His books include *Public Economics in an Age of Austerity*. **Joseph E. Stiglitz** is University Professor at Columbia University and winner of the Nobel Prize in economics. His books include *The Price of Inequality: How Today's Divided Society Endangers Our Future*.

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*“Lectures on Public Economics* remains the most comprehensive and deepest textbook on the subject. The discussions presented here offer very insightful views on the limits of tax theory analysis that cannot be found in pure research articles, and help guide students who want to carry out research of their own.”

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*“There is no other general textbook on public economics that comes close to the achievement of Atkinson and Stiglitz. The organization of the book, its level of analysis, and the clarity of the exposition are just right for graduate and advanced undergraduate students.”*

—Frank Cowell, London School of Economics

APRIL

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ECONOMICS ■ PUBLIC POLICY

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**Pierre-Richard Agénor** is the Hallsworth Professor of International Macroeconomics and Development Economics at the University of Manchester.

**Peter J. Montiel** is the Fairleigh S. Dickinson Jr. '41 Professor of Economics at Williams College.

JULY

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ECONOMICS

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**Jordi Galí** is director and senior researcher at the Center for Research in International Economics (CREI). He is professor of economics at Pompeu Fabra University in Barcelona and research professor at the Barcelona Graduate School of Economics.

MAY

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ECONOMICS ■ FINANCE

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**Alexander J. McNeil** is professor of actuarial mathematics and statistics at Heriot-Watt University in Edinburgh. **Rüdiger Frey** is professor of mathematics and finance at the Vienna University of Economics and Business. **Paul Embrechts** is professor of mathematics at the Swiss Federal Institute of Technology in Zurich.

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JUNE

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648 pages. 8 x 10.

FINANCE ■ MATHEMATICS ■  
ECONOMICS

Not for sale in South Asia

# GOVERNMENT PATERNALISM

Nanny State or Helpful Friend?

JULIAN LE GRAND & BILL NEW

Should governments save people from themselves? Do governments have the right to influence citizens' behavior related to smoking tobacco, eating too much, not saving enough, drinking alcohol, or taking marijuana—or does this create a nanny state, leading to infantilization, demotivation, and breaches in individual autonomy? Looking at examples from both sides of the Atlantic and around the world, *Government Paternalism* examines the justifications for, and the prevalence of, government involvement and considers when intervention might or might not be acceptable. Building on developments in philosophy, behavioral economics, and psychology, Julian Le Grand and Bill New explore the roles, boundaries, and responsibilities of the government and its citizens.

Le Grand and New investigate specific policy areas, including smoking, saving for pensions, and assisted suicide. They discuss legal restrictions on risky behavior, taxation of harmful activities, and subsidies for beneficial activities. And they pay particular attention to “nudge” or libertarian paternalist proposals that try to change the context in which individuals make decisions so that they make the right ones. Le Grand and New argue that individuals often display “reasoning failure”: an inability to achieve the ends that they set themselves. Such instances are ideal for paternalistic interventions—for though such interventions might impinge on autonomy, the impact can be outweighed by an improvement in well-being.

**Julian Le Grand** is the Richard Titmuss Professor of Social Policy at the London School of Economics.

**Bill New** is an independent policy analyst, currently working in Italy. He has previously worked in the UK for the National Audit Office and the King's Fund.

FEBRUARY

Cloth \$29.95S

978-0-691-16437-3

216 pages. 1 line illus. 5 tables. 6 x 9.

POLITICAL THEORY ■ PHILOSOPHY

## IDEAS OF LIBERTY IN EARLY MODERN EUROPE

From Machiavelli to Milton

HILARY GATTI

Europe's long sixteenth century—a period spanning the years roughly from the voyages of Columbus in the 1490s to the English Civil War in the 1640s—was an era of power struggles between avaricious and unscrupulous princes, inquisitions and torture chambers, and religious differences of ever more violent fervor. *Ideas of Liberty in Early Modern Europe* argues that this turbulent age also laid the conceptual foundations of our modern ideas about liberty, justice, and democracy.

Hilary Gatti shows how these ideas emerged in response to the often-violent entrenchment of monarchical power and the fragmentation of religious authority, against the backdrop of the westward advance of Islam and the discovery of the New World. She looks at Machiavelli's defense of republican political liberty, and traces how liberty became intertwined with free will and religious pluralism in the writings of Luther, Erasmus, Jean Bodin, and Giordano Bruno. She examines how the St. Bartholomew's Day Massacre and the clash of science and religion gave rise to concepts of liberty as freedom of thought and expression. Returning to Machiavelli and moving on to Jacques Auguste de Thou, Paolo Sarpi, and Milton, Gatti delves into debates about the roles of parliamentary government and a free press in guaranteeing liberties.

Drawing on a breadth of canonical and lesser-known writings, *Ideas of Liberty in Early Modern Europe* reveals how an era stricken by war and injustice gave birth to a more enlightened world.

**Hilary Gatti** taught for many years at the Sapienza University of Rome. Her books include *Essays on Giordano Bruno* (Princeton), *Giordano Bruno and Renaissance Science*, and *The Renaissance Drama of Knowledge: Giordano Bruno in England*.

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JUNE

Cloth \$45.00S

978-0-691-16383-3

232 pages. 6 x 9.

INTELLECTUAL HISTORY ■  
POLITICAL PHILOSOPHY

## NATURE, HUMAN NATURE, AND HUMAN DIFFERENCE

Race in Early Modern Philosophy

JUSTIN E. H. SMITH

People have always been xenophobic, but an explicit philosophical and scientific view of human racial difference only began to emerge during the modern period. Why and how did this happen? Surveying a range of philosophical and natural-scientific texts, dating from the Spanish Renaissance to the German Enlightenment, *Nature, Human Nature, and Human Difference* charts the evolution of the modern concept of race and shows that natural philosophy, particularly efforts to taxonomize and to order nature, played a crucial role.

Smith demonstrates how the denial of moral equality between Europeans and non-Europeans resulted from converging philosophical and scientific developments, including a declining belief in human nature's universality and the rise of biological classification. The racial typing of human beings grew from the need to understand humanity within an all-encompassing system of nature, alongside plants, minerals, primates, and other animals. While racial difference as seen through science did not arise in order to justify the enslavement of people, it became a rationalization and buttress for the practices of trans-Atlantic slavery. From the work of François Bernier to G. W. Leibniz, Immanuel Kant, and others, Smith delves into philosophy's part in the legacy and damages of modern racism.

With a broad narrative stretching over two centuries, *Nature, Human Nature, and Human Difference* takes a critical historical look at how the racial categories that we divide ourselves into came into being.

**Justin E. H. Smith** is university professor of the history and philosophy of science at the Université Paris Diderot—Paris VII. He is the author of *Divine Machines: Leibniz and the Sciences of Life* (Princeton), coeditor and cotranslator of *The Leibniz-Stahl Controversy*, and a regular contributor to the *New York Times* and other publications.

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JULY

Cloth \$39.95S

978-0-691-15364-3

312 pages. 4 halftones. 6 x 9.

PHILOSOPHY ■ HISTORY OF SCIENCE

# GREEK BUDDHA

Pyrrho's Encounter with Early Buddhism

CHRISTOPHER I. BECKWITH

*Greek Buddha* shows how Buddhism shaped the philosophy of Pyrrho, the famous founder of Pyrrhonian scepticism in ancient Greece. Identifying Pyrrho's basic teachings with those of Early Buddhism, Christopher I. Beckwith traces the origins of a major tradition in Greek philosophy to Gandhāra, a country in Central Asia and northwestern India.

Pyrrho of Elis accompanied Alexander the Great to Central Asia and India during the Graeco-Macedonian invasion and conquest of the Persian Empire in 334–324 BC, and while there met with teachers of Early Buddhism, a philosophy that Beckwith analyzes in depth. Using a range of primary sources, he systematically looks at the teachings and practices of Pyrrho and of Early Buddhism, including those preserved in testimonies by and about Pyrrho, in the report on Indian philosophy two decades later by the Seleucid ambassador Megasthenes, in the first-person edicts by the Indian king Devānāmpriya Priyadarśi referring to a popular variety of the Dharma in the early third century BC, and in Taoist echoes of Gautama's Dharma in Warring States China. Beckwith demonstrates how the teachings of Pyrrho agree closely with those of the Buddha Śākyamuni, "the Scythian Sage." In the process, he identifies eight distinct attested philosophical schools in ancient northwestern India and Central Asia, including Early Zoroastrianism, Early Brahmanism, and several forms of Early Buddhism. Beckwith then shows the influence that Pyrrho's brand of scepticism had on the evolution of Western thought, first in Antiquity and later, during the Enlightenment, on the great philosopher and self-proclaimed "Pyrrhonian," David Hume.

*Greek Buddha* demonstrates that through Pyrrho, Early Buddhist thought had a significant impact on Western philosophy.

**Christopher I. Beckwith** is professor of Central Eurasian studies at Indiana University, Bloomington. His books include *Warriors of the Cloisters*, *Empires of the Silk Road*, and *The Tibetan Empire in Central Asia* (all Princeton). He is the recipient of a MacArthur Award.

HOW A GREEK PHILOSOPHER'S ENCOUNTERS  
WITH BUDDHISM IN CENTRAL ASIA  
INFLUENCED WESTERN PHILOSOPHY

"*Greek Buddha* is a profoundly thought-provoking work. It is chock full of daring yet substantiated premises, which makes for genuinely exciting reading. Whether or not everyone will accept all of Beckwith's stimulating findings, they will surely come away from their encounter with this remarkable book with a greater appreciation for the interconnectedness of Eurasian history and culture."

—Victor H. Mair, University of Pennsylvania

"In *Greek Buddha*, Beckwith again demonstrates the indebtedness of European culture to the profound interactions that occurred between the ancient peoples of Europe and Asia. Focusing on Pyrrho—founder of the skeptic school of thought—and his contact with early Buddhism, Beckwith weaves a rich tapestry of sources to shed new light on the complex processes of cultural exchange."

—Peter B. Golden, professor emeritus,  
Rutgers University

"This intriguing, interdisciplinary book contains challenging findings that will provoke a reinterpretation of literary and archaeological sources, and fuel discussions and debates among scholars of Asian and European intellectual history, Buddhist experts, comparativists, classicists, and philosophers of all traditions and persuasions."

—Georgios T. Halkias, University of  
Hong Kong

JULY

Cloth \$29.95

978-0-691-16644-5

296 pages. 6 x 9.

PHILOSOPHY ■ ASIAN STUDIES

PRESS.PRINCETON.EDU

# RETHINKING LANGUAGE, MIND, AND MEANING

SCOTT SOAMES

In this book, Scott Soames argues that the revolution in the study of language and mind that has taken place since the late nineteenth century must be rethought. The central insight in the reigning tradition is that propositions are representational. To know the meaning of a sentence or the content of a belief requires knowing which things it represents as being which ways, and therefore knowing what the world must be like if it is to conform to how the sentence or belief represents it. These are truth conditions of the sentence or belief. But meanings and representational contents are not truth conditions, and there is more to propositions than representational content. In addition to imposing conditions the world must satisfy if it is to be true, a proposition may also impose conditions on minds that entertain it. The study of mind and language cannot advance further without a conception of propositions that allows them to have contents of both of these sorts. Soames provides it.

He does so by arguing that propositions are repeatable, purely representational cognitive acts or operations that represent the world as being a certain way, while requiring minds that perform them to satisfy certain cognitive conditions. Because they have these two types of content—one facing the world and one facing the mind—pairs of propositions can be representationally identical but cognitively distinct. Using this breakthrough, Soames offers new solutions to several of the most perplexing problems in the philosophy of language and mind.

**Scott Soames** is Distinguished Professor of Philosophy and director of the School of Philosophy at the University of Southern California.

CARL G. HEMPEL LECTURE SERIES

JUNE

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PHILOSOPHY

# KIERKEGAARD'S JOURNALS AND NOTEBOOKS

Volume 8, Journals NB21–NB25

SØREN KIERKEGAARD

Edited by Niels Jørgen Cappelørn, Alastair Hannay, Bruce H. Kirmmse, David D. Possen, Joel D. S. Rasmussen, Vanessa Rumble, and K. Brian Söderquist, in cooperation with the Søren Kierkegaard Research Centre, Copenhagen

Volume 8 of this 11-volume series includes five of Kierkegaard's important "NB" journals (Journals NB21 through NB25), which cover the period from September 1850 to June 1852, and which show Kierkegaard alternately in polemical and reflective postures.

The polemics emerge principally in Kierkegaard's opposition to the increasing infiltration of Christianity by worldly concerns, a development that in his view had accelerated significantly in the aftermath of the political and social changes wrought by the Revolution of 1848.

On the reflective side, Kierkegaard delves into a number of authors and religious figures, some of them for the first time, including Montaigne, Pascal, Seneca, Savonarola, Wesley, and F. W. Newman. These journals also contain Kierkegaard's thoughts on the decisions surrounding the publication of the "Anti-Climacus" writings: *The Sickness unto Death* and especially *Practice in Christianity*.

**Bruce H. Kirmmse** of Connecticut College (emeritus) and the University of Copenhagen is the General Editor of *Kierkegaard's Journals and Notebooks*, heading up a distinguished Editorial Board that includes **Niels Jørgen Cappelørn**, Director Emeritus of the Søren Kierkegaard Research Centre; **Alastair Hannay** of the University of Oslo (emeritus); **David D. Possen** of the University of Copenhagen; **Joel D. S. Rasmussen** of Oxford University; **Vanessa Rumble** of Boston College; and **K. Brian Söderquist** of the University of Copenhagen.

KIERKEGAARD'S JOURNALS AND NOTEBOOKS  
Bruce H. Kirmmse, General Editor

SEPTEMBER

Cloth \$150.00J

978-0-691-16618-6  
600 pages. 10 halftones. 7 1/2 x 10.

PHILOSOPHY ■ RELIGION

# PAGANS AND PHILOSOPHERS

The Problem of Paganism from Augustine to Leibniz

JOHN MARENBON

From the turn of the fifth century to the beginning of the eighteenth, Christian writers were fascinated and troubled by the “Problem of Paganism,” which this book identifies and examines for the first time. How could the wisdom and virtue of the great thinkers of antiquity be reconciled with the fact that they were pagans and, many thought, damned? Related questions were raised by encounters with contemporary pagans in northern Europe, Mongolia, and, later, America and China.

*Pagans and Philosophers* explores how writers—philosophers and theologians, but also poets such as Dante, Chaucer, and Langland, and travelers such as Las Casas and Ricci—tackled the Problem of Paganism. Augustine and Boethius set its terms, while Peter Abelard and John of Salisbury were important early advocates of pagan wisdom and virtue. University theologians such as Aquinas, Scotus, Ockham, and Bradwardine, and later thinkers such as Ficino, Valla, More, Bayle, and Leibniz, explored the difficulty in depth. Meanwhile, Albert the Great inspired Boethius of Dacia and others to create a relativist conception of scientific knowledge that allowed Christian teachers to remain faithful Aristotelians. At the same time, early anthropologists such as John of Piano Carpini, John Mandeville, and Montaigne developed other sorts of relativism in response to the issue.

A sweeping and original account of an important but neglected chapter in Western intellectual history, *Pagans and Philosophers* provides a new perspective on nothing less than the entire period between the classical and the modern world.

**John Marenbon** is a senior research fellow at Trinity College, University of Cambridge, honorary professor of medieval philosophy at Cambridge, and a fellow of the British Academy. He is the author and editor of many books, including *Abelard in Four Dimensions*, *The Oxford Handbook of Medieval Philosophy*, *The Cambridge Companion to Boethius*, and *Medieval Philosophy: An Historical and Philosophical Introduction*.

AN AMBITIOUS HISTORY OF  
HOW MEDIEVAL WRITERS  
CAME TO TERMS WITH PAGANISM

“In this book, John Marenbon exhibits remarkable erudition and a formidable command of the relevant texts, both scholastic and literary. He is adept at setting out complex issues in a clear way, and his book incorporates much little-known and fascinating material in the history of ideas.”

—Anthony Kenny, author of *A New History of Western Philosophy*

“With this book Marenbon creates rather than contributes to a field, framing the problem of paganism in a new way for medievalists and early modern specialists in particular. It is not a historical study of the gradual development of the notion of paganism in late antiquity, but an overview of the patterns in which medieval and early modern thinkers interpreted and responded to the notion for themselves. Few scholars write with such elegance; the style is uncluttered, clear, and fast-paced, keeping the bigger picture in view throughout.”

—John Magee, University of Toronto

APRIL

Cloth \$35.00S

978-0-691-14255-5

368 pages. 6 x 9.

PHILOSOPHY ■ MEDIEVAL STUDIES

PRESS.PRINCETON.EDU

## A CLASS BY HERSELF

Protective Laws for Women Workers, 1890s–1990s

NANCY WOLOCH

*A Class by Herself* explores the historical role and influence of protective legislation for American women workers, both as a step toward modern labor standards and as a barrier to equal rights. Spanning the twentieth century, the book tracks the rise and fall of women-only state protective laws—such as maximum hour laws, minimum wage laws, and night work laws—from their roots in progressive reform through the passage of New Deal labor law to the feminist attack on single-sex protective laws in the 1960s and 1970s.

Nancy Woloch considers the network of institutions that promoted women-only protective laws, such as the National Consumers' League and the federal Women's Bureau; the global context in which the laws arose; the challenges that proponents faced; the rationales they espoused; the opposition that evolved; the impact of protective laws in ever-changing circumstances; and their dismantling in the wake of Title VII of the Civil Rights Act of 1964. Above all, Woloch examines the constitutional conversation that the laws provoked—the debates that arose in the courts and in the women's movement. Protective laws set precedents that led to the Fair Labor Standards Act of 1938 and to current labor law; they also sustained a tradition of gendered law that abridged citizenship and impeded equality for much of the century.

Drawing on decades of scholarship, institutional and legal records, and personal accounts, *A Class by Herself* sets forth a new narrative about the tensions inherent in women-only protective labor laws and their consequences.

**Nancy Woloch** teaches history at Barnard College, Columbia University. Her books include *Women and the American Experience* and *Muller v. Oregon: A Brief History with Documents*.

POLITICS AND SOCIETY IN TWENTIETH-CENTURY AMERICA  
William Chafe, Gary Gerstle, Linda Gordon, and Julian Zelizer,  
Series Editors

JULY

Cloth \$35.00S

978-0-691-00259-0

320 pages. 10 halftones. 6 x 9.

AMERICAN HISTORY ■ LAW

## THE GOOD IMMIGRANTS

How the Yellow Peril Became the Model Minority

MADELINE Y. HSU

Conventionally, US immigration history has been understood through the lens of restriction and those who have been barred from getting in. In contrast, *The Good Immigrants* considers immigration from the perspective of Chinese elites—intellectuals, businessmen, and students—who gained entrance because of immigration exemptions. Exploring a century of Chinese migrations, Madeline Hsu looks at how the model minority characteristics of many Asian Americans resulted from US policies that screened for those with the highest credentials in the most employable fields, enhancing American economic competitiveness.

The earliest US immigration restrictions targeted Chinese people but exempted students as well as individuals who might extend America's influence in China. Western-educated Chinese such as Madame Chiang Kai-shek became symbols of the US impact on China, even as they patriotically advocated for China's modernization. World War II and the rise of communism transformed Chinese students abroad into refugees, and the Cold War magnified the importance of their talent and training. As a result, Congress legislated piecemeal legal measures to enable Chinese of good standing with professional skills to become citizens. Pressures mounted to reform American discriminatory immigration laws, culminating with the 1965 Immigration Act.

Filled with narratives featuring such renowned Chinese immigrants as I. M. Pei, *The Good Immigrants* examines the shifts in immigration laws and perceptions of cultural traits that enabled Asians to remain in the United States as exemplary, productive Americans.

**Madeline Y. Hsu** is associate professor of history and past director of the Center for Asian American Studies at the University of Texas at Austin.

POLITICS AND SOCIETY IN TWENTIETH-CENTURY AMERICA  
William Chafe, Gary Gerstle, Linda Gordon, and Julian Zelizer,  
Series Editors

MAY

Cloth \$35.00S

978-0-691-16402-1

328 pages. 15 halftones. 2 line illus.

7 tables. 6 x 9.

AMERICAN HISTORY ■ ASIAN STUDIES

# LEAVING THE JEWISH FOLD

Conversion and Radical Assimilation  
in Modern Jewish History

TODD M. ENDELMAN

Between the French Revolution and World War II, hundreds of thousands of Jews left the Jewish fold—by becoming Christians or, in liberal states, by intermarrying. Telling the stories of both famous and obscure individuals, *Leaving the Jewish Fold* explores the nature of this drift and defection from Judaism in Europe and America from the eighteenth century to today. Arguing that religious conviction was rarely a motive for Jews who became Christians, Todd Endelman shows that those who severed their Jewish ties were driven above all by pragmatic concerns—especially the desire to escape the stigma of Jewishness and its social, occupational, and emotional burdens.

Through a detailed and colorful narrative, Endelman considers the social settings, national contexts, and historical circumstances that encouraged Jews to abandon Judaism, and factors that worked to the opposite effect. Demonstrating that anti-Jewish prejudice weighed more heavily on the Jews of Germany and Austria than those living in France and other liberal states as early as the first half of the nineteenth century, he reexamines how Germany's political and social development deviated from other European states. Endelman also reveals that liberal societies such as Great Britain and the United States, which tolerated Jewish integration, promoted radical assimilation and the dissolution of Jewish ties as often as hostile, illiberal societies such as Germany and Poland.

Bringing together extensive research across several languages, *Leaving the Jewish Fold* will be the essential work on conversion and assimilation in modern Jewish history for years to come.

**Todd M. Endelman** is professor emeritus of history and Judaic studies at the University of Michigan. His books include *The Jews of Britain* and *Broadening Jewish History*.

THE DEFINITIVE HISTORY OF CONVERSION AND  
ASSIMILATION OF JEWS IN EUROPE AND AMERICA  
FROM THE EIGHTEENTH CENTURY TO THE PRESENT

“Covering all of Europe and the United States, and drawing on a massive body of sources, *Leaving the Jewish Fold* is a pioneering work on a topic of great significance—Jews who converted or radically assimilated away from Judaism. It will be the definitive book on the subject and essential reading for scholars and advanced students of modern Jewish history.”

—Derek J. Penslar, University of Toronto  
and University of Oxford

“This original and important book is the first to broadly investigate conversion and radical assimilation in modern Jewish history. Delving into Jewish history and historiography from the eighteenth century to the near present, and the history of Jews in the United States and Europe, this is an impressive work. It will be widely read.”

—David Feldman, Birkbeck, University of  
London

MARCH

Cloth \$39.50S

978-0-691-00479-2

440 pages. 6 x 9.

HISTORY ■ JEWISH STUDIES

PRESS.PRINCETON.EDU

## FROM ENGLAND TO FRANCE

Felony and Exile in the High Middle Ages

WILLIAM CHESTER JORDAN

At the height of the Middle Ages, a peculiar system of perpetual exile—or abjuration—flourished in western Europe. It was a judicial form of exile, not political or religious, and it was meted out to felons for crimes deserving of severe corporal punishment or death. *From England to France* explores the lives of these men and women who were condemned to abjure the English realm, and draws on their unique experiences to shed light on a medieval legal tradition until now very poorly understood.

William Chester Jordan weaves a breathtaking historical tapestry, examining the judicial and administrative processes that led to the abjuration of more than seventy-five thousand English subjects, and recounting the astonishing journeys of the exiles themselves. Some were innocents caught up in tragic circumstances, but many were hardened criminals. Almost every English exile departed from the port of Dover, many bound for the same French village, a place called Wissant. Jordan vividly describes what happened when the felons got there, and tells the stories of the few who managed to return to England, either illegally or through pardons.

*From England to France* provides new insights into a fundamental pillar of medieval English law and shows how it collapsed amid the bloodshed of the Hundred Years' War.

**William Chester Jordan** is the Dayton-Stockton Professor of History at Princeton University. His books include *A Tale of Two Monasteries: Westminster and Saint-Denis in the Thirteenth Century* and *Unceasing Strife, Unending Fear: Jacques de Thérines and the Freedom of the Church in the Age of the Last Capetians* (both Princeton).

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MARCH

Cloth \$39.50S

978-0-691-16495-3

240 pages. 6 x 9.

MEDIEVAL HISTORY ■  
EUROPEAN HISTORY

## EURIPIDES AND THE POLITICS OF FORM

VICTORIA WOHL

How can we make sense of the innovative structure of Euripidean drama? And what political role did tragedy play in the democracy of classical Athens? These questions are usually considered to be mutually exclusive, but this book shows that they can only be properly answered together. Providing a new approach to the aesthetics and politics of Greek tragedy, Victoria Wohl argues that the poetic form of Euripides's drama constitutes a mode of political thought. Through readings of select plays, she explores the politics of Euripides's radical aesthetics, showing how formal innovation generates political passions with real-world consequences.

Euripides's plays have long perplexed readers. With their disjointed plots, comic touches, and frequent happy endings, they seem to stretch the boundaries of tragedy. But the plays' formal traits—from their exorbitantly beautiful lyrics to their arousal and resolution of suspense—shape the audience's political sensibilities and ideological attachments. Engendering civic passions, the plays enact as well as express political ideas. Wohl draws out the political implications of Euripidean aesthetics by exploring such topics as narrative and ideological desire, the politics of pathos, realism and its utopian possibilities, the logic of political allegory, and tragedy's relation to its historical moment.

Breaking through the impasse between formalist and historicist interpretations of Greek tragedy, *Euripides and the Politics of Form* demonstrates that aesthetic structure and political meaning are mutually implicated—and that to read the plays poetically is necessarily to read them politically.

**Victoria Wohl** is professor of classics at the University of Toronto. Her books include *Love among the Ruins: The Erotics of Democracy in Classical Athens* (Princeton).

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MARTIN CLASSICAL LECTURES

JULY

Cloth \$39.95S

978-0-691-16650-6

192 pages. 6 x 9.

CLASSICS ■ LITERATURE

# WHAT'S DIVINE ABOUT DIVINE LAW?

Early Perspectives

CHRISTINE HAYES

In the thousand years before the rise of Islam, two radically diverse conceptions of what it means to say that a law is divine confronted one another with a force that reverberates to the present. *What's Divine about Divine Law?* untangles the classical and biblical roots of the Western idea of divine law and shows how early adherents to biblical tradition—Hellenistic Jewish writers such as Philo, the community at Qumran, Paul, and the talmudic rabbis—struggled to make sense of this conflicting legacy.

Christine Hayes shows that for the ancient Greeks, divine law was divine by virtue of its inherent qualities of intrinsic rationality, truth, universality, and immutability, while for the biblical authors, divine law was divine because it was grounded in revelation with no presumption of rationality, conformity to truth, universality, or immutability. Hayes describes the collision of these opposing conceptions in the Hellenistic period, and details competing attempts to resolve the resulting cognitive dissonance. She shows how Second Temple and Hellenistic Jewish writers, from the author of 1 Enoch to Philo of Alexandria, were engaged in a common project of bridging the gulf between classical and biblical notions of divine law, while Paul, in his letters to the early Christian church, sought to widen it. Hayes then delves into the literature of classical rabbinic Judaism to reveal how the talmudic rabbis took a third and scandalous path, insisting on a construction of divine law intentionally at odds with the Greco-Roman and Pauline conceptions that would come to dominate the Christianized West.

A stunning achievement in intellectual history, *What's Divine about Divine Law?* sheds critical light on an ancient debate that would shape foundational Western thought, and that continues to inform contemporary views about the nature and purpose of law and the nature and authority of Scripture.

**Christine Hayes** is the Robert F. and Patricia R. Weis Professor of Religious Studies in Classical Judaica at Yale University. Her books include *Introduction to the Bible*, *The Emergence of Judaism: Classical Traditions in Contemporary Perspective*, and *Gentile Impurities and Jewish Identities: Intermarriage and Conversion from the Bible to the Talmud*.

HOW ANCIENT THINKERS GRAPPLED WITH  
COMPETING CONCEPTIONS OF DIVINE LAW

“This is a pathbreaking and ambitious study of a topic of crucial importance for Jewish studies in particular and legal philosophy more broadly. The scholarship is first-rate. Hayes convincingly establishes that the rabbinic discourse on divine law in late antiquity was self-consciously distinct from Greco-Roman conceptions as well as a great deal of prior Jewish literature.”

—Jonathan Klawans, author of *Josephus and the Theologies of Ancient Judaism*

“This compelling and comprehensive book provides an elegant framework for differentiating between the metaphysical and philosophical givens presumed as the basis for divine law in the Bible, Greco-Roman culture, and a variety of ancient Jewish sources. Hayes articulates an extremely nuanced and periodized understanding of rabbinic law.”

—Barry Scott Wimpfheimer, author of *Narrating the Law: A Poetics of Talmudic Legal Stories*

JUNE

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424 pages. 6 x 9.

JEWISH STUDIES ■ RELIGION ■  
ANCIENT HISTORY

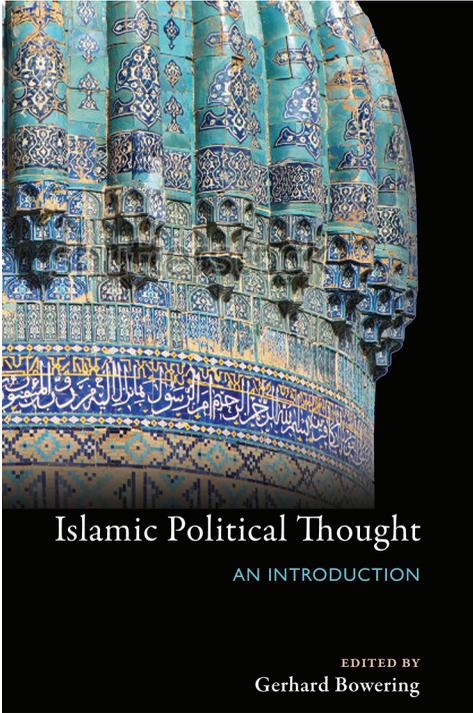
PRESS.PRINCETON.EDU

A CONCISE AND AUTHORITATIVE  
INTRODUCTION TO ISLAMIC POLITICAL IDEAS

# ISLAMIC POLITICAL THOUGHT

An Introduction

EDITED BY GERHARD BOWERING



In sixteen concise chapters on key topics, this book provides a rich, authoritative, and up-to-date introduction to Islamic political thought from the birth of Islam to today, presenting essential background and context for understanding contemporary politics in the Islamic world and beyond. Selected from the acclaimed *Princeton Encyclopedia of Islamic Political Thought*, and focusing on the origins, development, and contemporary importance of Islamic political ideas and related subjects, each chapter provides a sophisticated yet accessible introduction to its topic. Written by leading specialists and incorporating the latest scholarship, the alphabetically arranged chapters provide an indispensable resource for students, journalists, policymakers, and anyone else seeking an informed perspective on the complex intersection of Islam and politics.

**Gerhard Bowering** is professor of Islamic studies at Yale University and the editor of *The Princeton Encyclopedia of Islamic Political Thought*.

**Praise for *The Princeton Encyclopedia of Islamic Political Thought*:**

“[L]ucid and engaging ... enlightening and challenging... [A] work of high-quality erudition packaged in an accessible manner which will benefit a wide readership.”

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Chapters and authors:	
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<b>Caliphate</b> Wadad Kadi & Aram A. Shahin	<b>Pluralism &amp; Tolerance</b> Gudrun Krämer
<b>Fundamentalism</b> Roxanne Euben	<b>Qur'an</b> Gerhard Bowering
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<b>Modernity</b> Armando Salvatore	<b>Women</b> Ayesha S. Chaudhry

APRIL

Paper \$24.95S

978-0-691-16482-3

320 pages. 6 x 9.

ISLAMIC STUDIES ■ POLITICS

PRESS.PRINCETON.EDU

# YOUNG ISLAM

The New Politics of Religion  
in Morocco and the Arab World

AVI MAX SPIEGEL

Today, two-thirds of all Arab Muslims are under the age of thirty. *Young Islam* takes readers inside the evolving competition for their support—a competition not simply between Islamism and the secular world, but between different and often conflicting visions of Islam itself.

Drawing on extensive ethnographic research among rank-and-file activists in Morocco, Avi Spiegel shows how Islamist movements are encountering opposition from an unexpected source—each other. In vivid and compelling detail, he describes the conflicts that arise as Islamist groups vie with one another for new recruits, and the unprecedented fragmentation that occurs as members wrangle over a shared urbanized base. Looking carefully at how political Islam is lived, expressed, and understood by young people, Spiegel moves beyond the top-down focus of current research. Instead, he makes the compelling case that Islamist actors are shaped more by their relationships to each other than by their relationships to the state or even to religious ideology. By focusing not only on the texts of aging elites but also on the voices of diverse and sophisticated Muslim youths, Spiegel exposes the shifting and contested nature of Islamist movements today—movements that are being reimagined from the bottom up by young Islam.

The first book to shed light on this new and uncharted era of Islamist pluralism in the Middle East and North Africa, *Young Islam* uncovers the rivalries that are redefining the next generation of political Islam.

**Avi Max Spiegel** is assistant professor of political science and international relations at the University of San Diego and associated fellow at the Robert S. Strauss Center for International Security and Law at the University of Texas at Austin.

PRINCETON STUDIES IN MUSLIM POLITICS  
Dale F. Eickelman and Augustus Richard Norton, Series Editors

HOW THE COMPETITION FOR YOUNG RECRUITS IS  
CREATING RIVALRIES AMONG ISLAMISTS TODAY

“Spiegel asks timely questions about the conclusions that have been drawn about Islamists in Morocco and the Arab world more broadly. Using an enormous amount of ethnographic analysis and a very sensitive appreciation of Moroccan history and culture, he offers a sophisticated corrective to the stereotypes. This is a significant achievement and it has important policy ramifications.”

—Clark B. Lombardi, University of Washington School of Law

JUNE

Cloth \$29.95S

978-0-691-15984-3

224 pages. 6 x 9.

MIDDLE EAST STUDIES ■  
POLITICAL SCIENCE ■ RELIGION

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THE UNHERALDED CONTRIBUTION OF WOMEN TO  
EGYPT'S ISLAMIST MOVEMENT—AND HOW THEY  
TALK ABOUT WOMEN'S RIGHTS IN ISLAMIC TERMS

## SOFT FORCE

Women in Egypt's Islamic Awakening

ELLEN McLARNEY

"This is an eloquent and carefully argued book. Clear, engaging, and sophisticated, *Soft Force* is crucial for a more complete understanding of the origins of contemporary and ongoing debates about women, Islam, and public life in Egypt."

—Lara Deeb, coauthor of *Leisurely Islam: Negotiating Geography and Morality in Shi'ite South Beirut*

"McLarney challenges the conventional wisdom that assumes the docility and oppression of Muslim women in the processes of Islamic revival, demonstrating instead their roles as active shapers of public discourse. *Soft Force* is a brilliant and highly engaging book."

—Omnia El Shakry, author of *The Great Social Laboratory: Subjects of Knowledge in Colonial and Postcolonial Egypt*

In the decades leading up to the Arab Spring in 2011, when Hosni Mubarak's authoritarian regime was swept from power in Egypt, Muslim women took a leading role in developing a robust Islamist presence in the country's public sphere. *Soft Force* examines the writings and activism of these women—including scholars, preachers, journalists, critics, actors, and public intellectuals—who envisioned an Islamic awakening in which women's rights and the family, equality, and emancipation were at the center.

Challenging Western conceptions of Muslim women as being oppressed by Islam, Ellen McLarney shows how women used "soft force"—a women's jihad characterized by nonviolent protest—to oppose secular dictatorship and articulate a public sphere that was both Islamic and democratic. McLarney draws on memoirs, political essays, sermons, newspaper articles, and other writings to explore how these women imagined the home and the family as sites of the free practice of religion in a climate where Islamists were under siege by the secular state. While they seem to reinforce women's traditional roles in a male-dominated society, these Islamist writers also reoriented Islamist politics in domains coded as feminine, putting women at the very forefront in imagining an Islamic polity.

Bold and insightful, *Soft Force* transforms our understanding of women's rights, women's liberation, and women's equality in Egypt's Islamic revival.

**Ellen McLarney** is assistant professor of Arabic literature and culture at Duke University.

PRINCETON STUDIES IN MUSLIM POLITICS

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JUNE

**Paper \$27.95S**

978-0-691-15849-5

**Cloth \$70.00S**

978-0-691-15848-8

320 pages. 8 halftones. 6 x 9.

MIDDLE EAST STUDIES ■  
WOMEN'S STUDIES ■ RELIGION

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# NATIONS UNDER GOD

How Churches Use Moral Authority to Influence Policy

ANNA GRZYMAŁA-BUSSE

In some religious countries, churches have drafted constitutions, restricted abortion, and controlled education. In others, church influence on public policy is far weaker. Why? *Nations under God* argues that where religious and national identities have historically fused, churches gain enormous moral authority—and covert institutional access. These powerful churches then shape policy in backrooms and secret meetings instead of through open democratic channels such as political parties or the ballot box.

Through an in-depth historical analysis of six Christian democracies that share similar religious profiles yet differ in their policy outcomes—Ireland and Italy, Poland and Croatia, and the United States and Canada—Anna Grzymała-Busse examines how churches influenced education, abortion, divorce, stem cell research, and same-sex marriage. She argues that churches gain the greatest political advantage when they appear to be above politics. Because institutional access is covert, they retain their moral authority and their reputation as defenders of the national interest and the common good.

*Nations under God* shows how powerful church officials in Ireland, Canada, and Poland have directly written legislation, vetoed policies, and vetted high-ranking officials. It demonstrates that religiosity itself is not enough for churches to influence politics—churches in Italy and Croatia, for example, are not as influential as we might think—and that churches allied to political parties, such as in the United States, have less influence than their notoriety suggests.

**Anna Grzymała-Busse** is the Ronald and Eileen Weiser Professor of European and Eurasian Studies at the University of Michigan. Her books include *Rebuilding Leviathan: Party Competition and State Exploitation in Post-Communist Democracies*.

WHY CHURCHES IN SOME DEMOCRATIC NATIONS  
WIELD ENORMOUS POLITICAL POWER WHILE  
CHURCHES IN OTHER DEMOCRACIES DON'T

*"Nations under God* is a brilliant book. Grzymała-Busse offers a novel argument about how the Catholic Church and some Protestant denominations successfully influenced policies in democratic regimes. With nuance and elegance, she systematically brings together many case-based, causal-process observations about the relationship of religious and national identities, and places the US experience in a coherent comparative framework."

—Andrew C. Gould, University of Notre Dame

MAY

**Paper \$29.95S**

978-0-691-16476-2

**Cloth \$95.00S**

978-0-691-16475-5

368 pages. 13 line illus. 12 tables. 6 x 9.

POLITICAL SCIENCE ■ RELIGION

PRESS.PRINCETON.EDU

## WATCHDOGS ON THE HILL

The Decline of Congressional Oversight  
of U.S. Foreign Relations

LINDA L. FOWLER

An essential responsibility of the U.S. Congress is holding the president accountable for the conduct of foreign policy. In this in-depth look at formal oversight hearings by the Senate Armed Services and Foreign Relations committees, Linda Fowler evaluates how the legislature's most visible and important watchdogs performed from the mid-twentieth century to the present. She finds a noticeable reduction in public and secret hearings since the mid-1990s and establishes that American foreign policy frequently violated basic conditions for democratic accountability. Committee scrutiny of the wars in Iraq and Afghanistan, she notes, fell below levels of oversight in prior major conflicts.

Fowler attributes the drop in watchdog activity to growing disinterest among senators in committee work, biases among members who join the Armed Services and Foreign Relations committees, and motives that shield presidents, particularly Republicans, from public inquiry. Her detailed case studies of the Truman Doctrine, Vietnam War, Panama Canal Treaty, humanitarian mission in Somalia, and Iraq War illustrate the importance of oversight in generating the information citizens need to judge the president's national security policies. She argues for a reassessment of congressional war powers and proposes reforms to encourage Senate watchdogs to improve public deliberation about decisions of war and peace.

*Watchdogs on the Hill* investigates America's national security oversight and its critical place in the review of congressional and presidential powers in foreign policy.

**Linda L. Fowler** is professor of government and the Frank J. Reagan Chair in Policy Studies, Emerita, at Dartmouth College. She is the author of *Candidates, Congress, and the American Democracy* and coauthor of *Political Ambition*.

APRIL

Paper \$29.95S

978-0-691-15162-5

Cloth \$95.00S

978-0-691-15161-8

272 pages. 38 line illus. 17 tables. 6 x 9.

POLITICAL SCIENCE ■ PUBLIC POLICY

## WAR AND DEMOCRATIC CONSTRAINT

How the Public Influences Foreign Policy

MATTHEW A. BAUM &  
PHILIP B. K. POTTER

Why do some democracies reflect their citizens' foreign policy preferences better than others? What roles do the media, political parties, and the electoral system play in a democracy's decision to join or avoid a war? *War and Democratic Constraint* shows that the key to how a government determines foreign policy rests on the transmission and availability of information. Citizens successfully hold their democratic governments accountable and a distinctive foreign policy emerges when two vital institutions—a diverse and independent political opposition and a robust media—are present to make timely information accessible.

Matthew Baum and Philip Potter demonstrate that there must first be a politically potent opposition that can blow the whistle when a leader missteps. This counteracts leaders' incentives to obscure and misrepresent. Second, healthy media institutions must be in place and widely accessible in order to relay information from whistle-blowers to the public. Baum and Potter explore this communication mechanism during three different phases of international conflicts: when states initiate wars, when they respond to challenges from other states, or when they join preexisting groups of actors engaged in conflicts.

Examining recent wars, including those in Afghanistan and Iraq, *War and Democratic Constraint* links domestic politics and mass media to international relations in a brand-new way.

**Matthew A. Baum** is the Marvin Kalb Professor of Global Communications and professor of public policy at Harvard University. He is the author of *Soft News Goes to War* and the coauthor of *War Stories* (both Princeton). **Philip B. K. Potter** is assistant professor of politics at the University of Virginia.

MAY

Paper \$29.95S

978-0-691-16523-3

Cloth \$95.00S

978-0-691-16498-4

256 pages. 37 line illus. 29 tables. 6 x 9.

POLITICAL SCIENCE ■  
INTERNATIONAL RELATIONS

## WHITE BACKLASH

Immigration, Race, and American Politics

MARISA ABRAJANO &  
ZOLTAN L. HAJNAL

*White Backlash* provides an authoritative assessment of how immigration is reshaping the politics of the nation. Using an array of data and analysis, Marisa Abrajano and Zoltan Hajnal show that fears about immigration fundamentally influence white Americans' core political identities, policy preferences, and electoral choices, and that these concerns are at the heart of a large-scale defection of whites from the Democratic to the Republican Party.

Abrajano and Hajnal demonstrate that this political backlash has disquieting implications for the future of race relations in America. White Americans' concerns about Latinos and immigration have led to support for policies that are less generous and more punitive and that conflict with the preferences of much of the immigrant population. America's growing racial and ethnic diversity is leading to a greater racial divide in politics. As whites move to the right of the political spectrum, racial and ethnic minorities generally support the left. Racial divisions in partisanship and voting, as the authors indicate, now outweigh divisions by class, age, gender, and other demographic measures.

*White Backlash* raises critical questions and concerns about how political beliefs and future elections will change the fate of America's immigrants and minorities, and their relationship with the rest of the nation.

**Marisa Abrajano** is associate professor of political science at the University of California, San Diego. She is the author of *Campaigning to the New American Electorate* and the coauthor of *New Faces, New Voices* (Princeton). **Zoltan L. Hajnal** is professor of political science at the University of California, San Diego. He is the author of *America's Uneven Democracy* and the coauthor of *Why Americans Don't Join the Party* (Princeton).

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APRIL

Cloth \$29.95S

978-0-691-16443-4

216 pages. 11 line illus. 15 tables. 6 x 9.

POLITICAL SCIENCE ■  
AMERICAN POLITICS

## THE BATTLE FOR YELLOWSTONE

Morality and the Sacred Roots of  
Environmental Conflict

JUSTIN FARRELL

Yellowstone holds a special place in America's heart. As the world's first national park, it is globally recognized as the crown jewel of modern environmental preservation. But the park and its surrounding regions have recently become a lightning rod for environmental conflict, plagued by intense and intractable political struggles among the federal government, National Park Service, environmentalists, industry, local residents, and elected officials. *The Battle for Yellowstone* asks why it is that, with the flood of expert scientific, economic, and legal efforts to resolve disagreements over Yellowstone, there is no improvement? Why do even seemingly minor issues erupt into impassioned disputes? What can Yellowstone teach us about the worsening environmental conflicts worldwide?

Justin Farrell argues that the battle for Yellowstone has deep moral, cultural, and spiritual roots that until now have been obscured by the supposedly rational and technical nature of the conflict. Tracing in unprecedented detail the moral causes and consequences of large-scale social change in the American West, he describes how a "new-west" social order has emerged that has devalued traditional American beliefs about manifest destiny and rugged individualism, and how morality and spirituality have influenced the most polarizing and techno-centric conflicts in Yellowstone's history.

**Justin Farrell** is assistant professor of sociology in the School of Forestry and Environmental Studies at Yale University.

PRINCETON STUDIES IN CULTURAL SOCIOLOGY  
Paul J. DiMaggio, Michèle Lamont,  
Robert J. Wuthnow, and Viviana A. Zelizer, Series Editors

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JULY

Cloth \$35.00S

978-0-691-16434-2

296 pages. 52 halftones. 31 line illus.  
6 tables. 6 x 9.

SOCIOLOGY ■ POLITICS

# THE POLITICAL MACHINE

Assembling Sovereignty in  
the Bronze Age Caucasus

ADAM T. SMITH

*The Political Machine* investigates the essential role that material culture plays in the practices and maintenance of political sovereignty. From ballots and bullets to crowns, regalia, and licenses, Adam Smith demonstrates, through an archaeological exploration of the Bronze Age Caucasus, that beyond assemblies of people, polities are just as importantly assemblages of things. Smith looks at the ways that these assemblages help to forge cohesive publics, separate sovereigns from a wider social mass, and formalize governance—and he considers how these developments continue to shape politics today.

Smith shows that the formation of polities is as much about the process of manufacturing assemblages as it is about disciplining subjects, and that these material objects or “machines” sustain communities, orders, and institutions. The sensibilities, senses, and sentiments connecting people to things enabled political authority during the Bronze Age and fortify political power even in the contemporary world. Smith provides a detailed account of the transformation of communities in the Caucasus, from small-scale early Bronze Age villages committed to egalitarianism, to Late Bronze Age polities predicated on radical inequality, organized violence, and a centralized apparatus of rule.

From Bronze Age traditions of mortuary ritual and divination to current controversies over flag pins and Predator drones, *The Political Machine* sheds new light on how material goods authorize and defend political order.

**Adam T. Smith** is professor of anthropology and chair of the Department of Anthropology at Cornell University. He is the author of *The Political Landscape* and the coauthor of *The Archaeology and Geography of Ancient Transcaucasian Societies*, Volume 1.

THE ROSTOVITZEFF LECTURES

AUGUST

Cloth \$35.00S

978-0-691-16323-9

216 pages. 25 halftones. 18 line illus.

1 table. 9 maps. 6 x 9.

ARCHAEOLOGY ■ ANTHROPOLOGY

REANNOUNCING

# MORGANTINA STUDIES, VOLUME VI

The Hellenistic and Roman Fine Pottery

SHELLEY C. STONE

Excavation of the ancient city of Morgantina in southeastern Sicily since 1955 has recovered an extraordinary quantity and variety of pottery, both locally made and imported. This volume presents the fine-ware pottery dating between the second half of the fourth century BCE, when Morgantina was a thriving inland center closely tied to the Hellenistic east through Syracuse, and the first half of the first century CE, when Morgantina had been reduced to a dwindling Roman provincial town that would soon be abandoned. Bearing gloss and often paint or relief, these fine ceramics were mostly tableware, and together they provide a well-defined picture of the evolving material culture of an important urban site over several centuries. And since virtually all these vessels come from dated deposits, this volume provides wide-ranging contributions to the chronology of Hellenistic and early Roman pottery.

An introductory chapter sketches out a comprehensive history of the city, discusses the many well-dated archaeological deposits that contained the excavated pottery, and defines the major fabrics of the ceramics found at the site. The bulk of the volume consists of a scholarly presentation of more than 1,500 pottery vessels, analyzing their shapes, fabrics, chronology, decoration, and techniques of fabrication.

**Shelley C. Stone** is professor of art history at California State University, Bakersfield, and has been a staff member of the excavations at Morgantina in Sicily since 1977. He has published on Greek and Roman pottery, Roman costume and sculpture, and Sicilian history. He is currently working on the publication of the Hellenistic and Roman plain pottery and the lamps found at Morgantina.

PUBLICATIONS OF THE DEPARTMENT OF  
ART AND ARCHAEOLOGY, PRINCETON UNIVERSITY

DECEMBER 2014

Cloth \$175.00S

978-0-691-15672-9

528 pages. 151 halftones. 4 line illus.

11 tables. 8 ½ x 11.

ARCHAEOLOGY ■ ANCIENT HISTORY

## REANNOUNCING

# WHEN THE GREEKS RULED EGYPT

From Alexander the Great to Cleopatra

EDITED BY  
ROBERTA CASAGRANDE-KIM

*When the Greeks Ruled Egypt* is the illustrated catalogue for the exciting exhibition at New York University's Institute for the Study of the Ancient World. Through sculpture, coins, religious statuettes, funerary stelae, papyri, and more, all drawn from a variety of distinguished American collections, the catalogue examines the interactions between Greek and Egyptian cultures during the nearly three hundred years in which Egypt was under Greek rule. It reveals how Egypt's Ptolemaic rulers used cultural tropes as a means of asserting power and promoting loyalty among the conquered population. It also looks at the intense familial intrigue and jockeying for position that characterized the Ptolemies.

The catalogue's essays address such issues as the use of royal portraiture to convey messages about the royal family and its power, the use of religion to assert the divine nature of the Ptolemies, popular iconographic forms, and the many languages spoken in Egypt before and during Ptolemaic rule. Exploring the ways in which two long-lasting and different traditions were brought together, *When the Greeks Ruled Egypt* reminds us that the use of culture—and family—for political ends is hardly unique to our era.

Contributors include Roger Bagnall, Roberta Casagrande-Kim, Dee Clayman, Mary Greuel, and Olaf Kaper.

**Roberta Casagrande-Kim** is postdoctoral curatorial associate at the Institute for the Study of the Ancient World at New York University.

**Exhibition Dates: October 8, 2014–January 4, 2015**

OCTOBER 2014

Paper \$29.955

978-0-691-16554-7

120 pages. 80 color photos.

70 color illus. 1 map. 8 x 10 1/2.

ARCHAEOLOGY ■ ANCIENT HISTORY

A publication of the Institute for the Study of  
the Ancient World at New York University

# FROM ANCIENT TO MODERN

Archaeology and Aesthetics

EDITED BY JENNIFER Y. CHI  
& PEDRO AZARA

As archaeologists unearth the past, they seek meaning or purpose for the objects they uncover by looking at the objects themselves and their archaeological context. Art historians, on the other hand, primarily focus on aesthetics, asking why a particular object stimulates our senses, and what that tells us about ourselves. *From Ancient to Modern* offers a lens for understanding ancient objects through the perspectives and processes of both archaeology and aesthetics, and, in so doing, illuminates the multiple layers of meaning that a single object can take on—sometimes simultaneously—over the course of its existence.

This beautifully illustrated volume is the accompanying catalog for the exhibition at New York University's Institute for the Study of the Ancient World and focuses on fifty objects from three iconic sites in the ancient Near East: Ur, Diyala, and Kish. The excavation, unique characteristics, and transformative journey of each object—from archaeological artifact to aesthetic item—are examined. Select contemporary artworks are also considered in the investigation of how ancient objects acquire meaning in the present day.

Contributors include Jennifer Chi, Lynn Grant, Jack Green, Holly Pittman, Karen Wilson, and Richard Zettler.

**Jennifer Y. Chi** is exhibitions director and chief curator at the Institute for the Study of the Ancient World at New York University. **Pedro Azara** is professor of aesthetics at the University of Barcelona.

**Exhibition Dates: February 12–May 24, 2015**

FEBRUARY

Cloth \$39.955

978-0-691-16646-9

168 pages. 125 color illus.

1 map. 8 x 10 1/2.

ARCHAEOLOGY ■ ANCIENT HISTORY

A copublication with the Institute for the Study of  
the Ancient World at New York University

THE MOST COMPREHENSIVE ADVANCED  
GRADUATE-LEVEL TEXTBOOK ON THE SUBJECT

# AN INTRODUCTION TO THE GLOBAL CIRCULATION OF THE ATMOSPHERE

DAVID A. RANDALL

“No other textbook on the global circulation of the atmosphere covers the breadth of the subject as well as this one does. And no other book makes the essential connection between atmospheric circulation dynamics and climate phenomena. There is no question to me that students will be very grateful to have it—there is nothing else like it, and we need it. David Randall is one of the most respected leaders in the field, and he is one of a few people capable of writing a book with a reach as broad as this.”

—Tapio Schneider, Swiss Federal Institute of Technology Zurich and California Institute of Technology

This is a graduate-level textbook on the global circulation of the Earth’s atmosphere—the large-scale system of winds by which energy is transported around the planet, from the tropical latitudes to the poles. Written by David Randall, one of the world’s foremost experts on the subject, it is the most comprehensive textbook on the topic. Intended for Earth science students who have completed some graduate-level coursework in atmospheric dynamics, the book will help students build on that foundation, preparing them for research in the field.

The book describes the many phenomena of the circulation and explains them in terms of current ideas from fluid dynamics and thermodynamics, with frequent use of isentropic coordinates and using the methods of vector calculus. It emphasizes the key roles of water vapor and clouds, includes detailed coverage of energy flows and transformations, and pays close attention to scale interactions. The book also describes the major historical contributions of key scientists, giving a human dimension to the narrative, and it closes with a discussion of how the global circulation is evolving as the Earth’s climate changes.

- ◆ The most comprehensive graduate-level textbook on the subject
- ◆ Written by one of the world’s leading experts
- ◆ Connects global circulation and climate phenomena
- ◆ Addresses energy, moisture, and angular-momentum balance; the hydrologic cycle; and atmospheric turbulence and convection
- ◆ Emphasizes the energy cycle of the atmosphere; the role of moist processes; and circulation as an unpredictable, chaotic process
- ◆ Helps prepare students for research

**David A. Randall** is University Distinguished Professor in the Department of Atmospheric Science at Colorado State University, and the author of *Atmosphere, Clouds, and Climate* (Princeton). He is the chief editor of the *Journal of Advances in Modeling Earth Systems*, and the former chief editor of the *Journal of Climate*. He has twice served as a coordinating lead author for the Intergovernmental Panel on Climate Change.

JULY

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EARTH SCIENCE ■ CLIMATE SCIENCE

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# MODERN OBSERVATIONAL PHYSICAL OCEANOGRAPHY

Understanding the Global Ocean

CARL WUNSCH

With the advent of computers, novel instruments, satellite technology, and increasingly powerful modeling tools, we know more about the ocean than ever before. Yet we also have a new generation of oceanographers who have become increasingly distanced from the object of their study. Ever fewer scientists collect the observational data on which they base their research. Instead, many download information without always fully understanding how far removed it is from the original data, with opportunity for great misinterpretation. This textbook introduces modern physical oceanography to beginning graduate students in marine sciences and experienced practitioners in allied fields. Real observations are strongly emphasized, as are their implications for understanding the behavior of the global ocean.

Written by a leading physical oceanographer, *Modern Observational Physical Oceanography* explains what the observational revolution of the past twenty-five years has taught us about the real, changing fluid ocean. Unlike any other book, it provides a broad and accessible treatment of the subject, covering everything from modern methods of observation and data analysis to the fluid dynamics and modeling of ocean processes and variability. Fully illustrated in color throughout, the book describes the fundamental concepts that are needed before delving into more advanced topics, including internal-inertial waves, tides, balanced motions, and large-scale circulation physics.

- ◆ Provides an accessible introduction to modern physical oceanography
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- ◆ Emphasizes real observations of the fluid ocean
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**Carl Wunsch** is the Cecil and Ida Green Professor of Physical Oceanography, Emeritus, at the Massachusetts Institute of Technology and a long-term visiting professor at Harvard University. His books include *Discrete Inverse and State Estimation Problems: With Geophysical Fluid Applications* and *The Ocean Circulation Inverse Problem*. He is a member of the National Academy of Sciences and a foreign member of the Royal Society.

A COMPREHENSIVE AND  
STATE-OF-THE-ART INTRODUCTION,  
WRITTEN BY THE FIELD'S LEADING EXPERT

“Wunsch is a world-renowned expert in oceanography, especially in observational oceanography, and this book is correspondingly authoritative. It discusses the real ocean, in particular how it is observed and what we can infer about the ocean from these observations. It is unique in its approach and a valuable addition to the canon.”

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MAY

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600 pages. 246 color illus. 8 tables. 8 x 10.

EARTH SCIENCE ■ OCEANOGRAPHY

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## THE SUN'S INFLUENCE ON CLIMATE

JOANNA D. HAIGH & PETER CARGILL

The Earth's climate system depends entirely on the Sun for its energy. Solar radiation warms the atmosphere and is fundamental to atmospheric composition, while the distribution of solar heating across the planet produces global wind patterns and contributes to the formation of clouds, storms, and rainfall. *The Sun's Influence on Climate* provides an unparalleled introduction to this vitally important relationship.

This accessible primer covers the basic properties of the Earth's climate system, the structure and behavior of the Sun, and the absorption of solar radiation in the atmosphere. It explains how solar activity varies and how these variations affect the Earth's environment, from long-term paleoclimate effects to century timescales in the context of human-induced climate change, and from signals of the 11-year sunspot cycle to the impacts of solar emissions on space weather in our planet's upper atmosphere.

Written by two of the leading authorities on the subject, *The Sun's Influence on Climate* is an essential primer for students and nonspecialists alike.

**Joanna D. Haigh** is professor of atmospheric physics and codirector of the Grantham Institute for Climate Change at Imperial College London. **Peter Cargill** is professor emeritus of physics at Imperial College London and honorary professor in the School of Mathematics and Statistics at the University of St. Andrews.

PRINCETON PRIMERS IN CLIMATE

JULY

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EARTH SCIENCE ■ CLIMATE SCIENCE

## BAYESIAN MODELS

A Statistical Primer for Ecologists

N. THOMPSON HOBBS &  
MEVIN B. HOOTEN

Bayesian modeling has become an indispensable tool for ecological research because it is uniquely suited to deal with complexity in a statistically coherent way. This textbook provides a comprehensive and accessible introduction to the latest Bayesian methods—in language ecologists can understand. Unlike other books on the subject, this one emphasizes the principles behind the computations, giving ecologists a big-picture understanding of how to implement this powerful statistical approach.

*Bayesian Models* is an essential primer for non-statisticians. It begins with a definition of probability and develops a step-by-step sequence of connected ideas, including basic distribution theory, network diagrams, hierarchical models, Markov chain Monte Carlo, and inference from single and multiple models. This unique book places less emphasis on computer coding, favoring instead a concise presentation of the mathematical statistics needed to understand how and why Bayesian analysis works. It also explains how to write out properly formulated hierarchical Bayesian models and use them in computing, research papers, and proposals.

This primer enables ecologists to understand the statistical principles behind Bayesian modeling and apply them to research, teaching, policy, and management.

**N. Thompson Hobbs** is senior research scientist at the Natural Resource Ecology Laboratory and professor in the Department of Ecosystem Science and Sustainability at Colorado State University. **Mevin B. Hooten** is associate professor in the Department of Fish, Wildlife, and Conservation Biology and the Department of Statistics at Colorado State University, and assistant unit leader in the US Geological Survey's Colorado Cooperative Fish and Wildlife Research Unit.

AUGUST

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ECOLOGY ■ STATISTICS

# SOCIAL EVOLUTION AND INCLUSIVE FITNESS THEORY

An Introduction

JAMES A. R. MARSHALL

Social behavior has long puzzled evolutionary biologists, since the classical theory of natural selection maintains that individuals should not sacrifice their own fitness to affect that of others. *Social Evolution and Inclusive Fitness Theory* argues that a theory first presented in 1963 by William D. Hamilton—inclusive fitness theory—provides the most fundamental and general explanation for the evolution and maintenance of social behavior in the natural world.

James Marshall guides readers through the vast and confusing literature on the evolution of social behavior, introducing and explaining the competing theories that claim to provide answers to questions such as why animals evolve to behave altruistically. Using simple statistical language and techniques that practicing biologists will be familiar with, he provides a comprehensive yet easily understandable treatment of key concepts and their repeated misinterpretations. Particular attention is paid to how more realistic features of behavior, such as non-additivity and conditionality, can complicate analysis. Marshall highlights the general problem of identifying the underlying causes of evolutionary change, and proposes fruitful approaches to doing so in the study of social evolution.

*Social Evolution and Inclusive Fitness Theory* describes how inclusive fitness theory addresses both simple and complex social scenarios, the controversies surrounding the theory, and how experimental work supports the theory as the most powerful explanation for social behavior and its evolution.

**James A. R. Marshall** is reader in computational biology at the University of Sheffield.

MAY

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240 pages. 7 halftones. 23 line illus.

7 tables. 6 x 9.

BIOLOGY ■ EVOLUTION

# THE POPULATION BIOLOGY OF TUBERCULOSIS

CHRISTOPHER DYE

Despite decades of developments in immunization and drug therapy, tuberculosis remains among the leading causes of human mortality, and no country has successfully eradicated the disease. Reenvisioning tuberculosis from the perspective of population biology, this book examines why the disease is so persistent and what must be done to fight it. Treating tuberculosis and its human hosts as dynamic, interacting populations, Christopher Dye seeks new answers to key questions by drawing on demography, ecology, epidemiology, evolution, and population genetics. Dye uses simple mathematical models to investigate how cases and deaths could be reduced, and how interventions could lead to TB elimination.

Dye's analysis reveals a striking gap between the actual and potential impact of current interventions, especially drug treatment, and he suggests placing more emphasis on early case detection and the treatment of active or incipient tuberculosis. He argues that the response to disappointingly slow rates of disease decline is not to abandon long-established principles of chemotherapy, but to implement them with greater vigor. Summarizing epidemiological insights from population biology, Dye stresses the need to take a more inclusive view of the factors that affect disease, including characteristics of the pathogen, individuals and populations, health care systems, and physical and social environments.

In broadening the horizons of TB research, *The Population Biology of Tuberculosis* demonstrates what must be done to prevent, control, and defeat this global threat in the twenty-first century.

**Christopher Dye** is the Director of Strategy in the Office of the Director General at the World Health Organization, Geneva.

MONOGRAPHS IN POPULATION BIOLOGY  
Simon A. Levin and Henry S. Horn, Series Editors

AUGUST

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272 pages. 85 halftones. 7 tables. 6 x 9.

BIOLOGY ■ ECOLOGY

# AN INTRODUCTION TO BENFORD'S LAW

ARNO BERGER & THEODORE P. HILL

This book provides the first comprehensive treatment of Benford's law, the surprising logarithmic distribution of significant digits discovered in the late nineteenth century. Establishing the mathematical and statistical principles that underpin this intriguing phenomenon, the text combines up-to-date theoretical results with overviews of the law's colorful history, rapidly growing body of empirical evidence, and wide range of applications.

*An Introduction to Benford's Law* begins with basic facts about significant digits, Benford functions, sequences, and random variables, including tools from the theory of uniform distribution. After introducing the scale-, base-, and sum-invariance characterizations of the law, the book develops the significant-digit properties of both deterministic and stochastic processes, such as iterations of functions, powers of matrices, differential equations, and products, powers, and mixtures of random variables. Two concluding chapters survey the finitely additive theory and the flourishing applications of Benford's law.

Carefully selected diagrams, tables, and close to 150 examples illuminate the main concepts throughout. The text includes many open problems, in addition to dozens of new basic theorems and all the main references. A distinguishing feature is the emphasis on the surprising ubiquity and robustness of the significant-digit law. This text can serve as both a primary reference and a basis for seminars and courses.

**Arno Berger** is associate professor of mathematics at the University of Alberta. He is the author of *Chaos and Chance: An Introduction to Stochastic Aspects of Dynamics*. **Theodore P. Hill** is professor emeritus of mathematics at the Georgia Institute of Technology and research scholar in residence at the California Polytechnic State University.

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JUNE

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256 pages. 47 color illus.

4 line illus. 2 tables. 6 x 9.

MATHEMATICS

# BENFORD'S LAW

Theory and Applications

EDITED BY STEVEN J. MILLER

Benford's law states that the leading digits of many data sets are not uniformly distributed from one through nine, but rather exhibit a profound bias. This bias is evident in everything from electricity bills and street addresses to stock prices, population numbers, mortality rates, and the lengths of rivers. Here, Steven Miller brings together many of the world's leading experts on Benford's law to demonstrate the many useful techniques that arise from the law, show how truly multidisciplinary it is, and encourage collaboration.

Beginning with the general theory, the contributors explain the prevalence of the bias, highlighting explanations for when systems should and should not follow Benford's law and how quickly such behavior sets in. They go on to discuss important applications in disciplines ranging from accounting and economics to psychology and the natural sciences. The contributors describe how Benford's law has been successfully used to expose fraud in elections, medical tests, tax filings, and financial reports. Additionally, numerous problems, background materials, and technical details are available online to help instructors create courses around the book.

Emphasizing common challenges and techniques across the disciplines, this accessible book shows how Benford's law can serve as a productive meeting ground for researchers and practitioners in diverse fields.

**Steven J. Miller** is associate professor of mathematics at Williams College. He is the coauthor of *An Invitation to Modern Number Theory* (Princeton).

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JUNE

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432 pages. 78 line illus. 7 x 10.

MATHEMATICS

# PARTIAL DIFFERENTIAL EQUATIONS

An Introduction to Theory and Applications

MICHAEL SHEARER & RACHEL LEVY

This textbook provides beginning graduate students and advanced undergraduates with an accessible introduction to the rich subject of partial differential equations (PDEs). It presents a rigorous and clear explanation of the more elementary theoretical aspects of PDEs, while also drawing connections to deeper analysis and applications. The book serves as a needed bridge between basic undergraduate texts and more advanced books that require a significant background in functional analysis.

Topics include first order equations and the method of characteristics, second order linear equations, wave and heat equations, Laplace and Poisson equations, and separation of variables. The book also covers fundamental solutions, Green's functions and distributions, beginning functional analysis applied to elliptic PDEs, traveling wave solutions of selected parabolic PDEs, and scalar conservation laws and systems of hyperbolic PDEs.

- ◆ Provides an accessible yet rigorous introduction to partial differential equations
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- ◆ An online illustration package is available to professors

**Michael Shearer** is professor of mathematics at North Carolina State University. He is a fellow of the American Mathematical Society. **Rachel Levy** is associate professor of mathematics at Harvey Mudd College. She is a recipient of the 2013 Henry L. Alder Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member and creator of the Grandma Got STEM project.

AN ACCESSIBLE YET RIGOROUS INTRODUCTION  
TO PARTIAL DIFFERENTIAL EQUATIONS

“The writing style of this book is accessible, clear, and student friendly. It is approachable, with plenty of motivation for new students, and integrates nonlinear PDEs throughout. Shearer and Levy are familiar with contemporary research in applied PDEs and have made an excellent selection of topics to introduce the field.”

—John K. Hunter, University of California, Davis

“The material is presented in a new and innovative way, stressing more modern ideas in PDEs while keeping the approach accessible. Superior illustrations accompany important concepts, and the anecdotes and examples throughout the book will keep students interested. Shearer and Levy are both highly regarded researchers and educators in the field.”

—David Uminsky, University of San Francisco

MAY

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MATHEMATICS

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# ACTION-MINIMIZING METHODS IN HAMILTONIAN DYNAMICS

An Introduction to Aubry-Mather Theory

ALFONSO SORRENTINO

John Mather's seminal works in Hamiltonian dynamics represent some of the most important contributions to our understanding of the complex balance between stable and unstable motions in classical mechanics. His novel approach—known as Aubry-Mather theory—singled out the existence of special orbits and invariant measures of the system, which possess a very rich dynamical and geometric structure. In particular, the associated invariant sets play a leading role in determining the global dynamics of the system. This book provides a comprehensive introduction to Mather's theory, and can serve as an interdisciplinary bridge for researchers and students from different fields seeking to acquaint themselves with the topic.

Starting with the mathematical background from which Mather's theory was born, Alfonso Sorrentino first focuses on the core questions the theory aims to answer—notably the destiny of broken invariant KAM tori and the onset of chaos—and describes how it can be viewed as a natural counterpart of KAM theory. He achieves this by guiding readers through a detailed “cartoon example,” which also provides the basis for introducing the main ideas and concepts of the general theory. Sorrentino then describes the whole theory and its subsequent developments and applications in their full generality.

Shedding new light on John Mather's revolutionary ideas, this book is certain to become a foundational text in the modern study of Hamiltonian systems.

**Alfonso Sorrentino** is a researcher in mathematics at Roma Tre University in Italy. He holds a PhD in mathematics from Princeton University.

## MATHEMATICAL NOTES

Phillip A. Griffiths, John N. Mather, and Elias M. Stein, Series Editors

JUNE

Paper \$45.00S

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144 pages. 14 line illus. 6 x 9.

MATHEMATICS

# MATHEMATICAL METHODS IN ELASTICITY IMAGING

HABIB AMMARI, ELIE BRETIN,  
JOSSELIN GARNIER, HYEONBAE KANG,  
HYUNDAE LEE & ABDUL WAHAB

This book is the first to comprehensively explore elasticity imaging and examines recent, important developments in asymptotic imaging, modeling, and analysis of deterministic and stochastic elastic wave propagation phenomena. It derives the best possible functional images for small inclusions and cracks within the context of stability and resolution, and introduces a topological derivative-based imaging framework for detecting elastic inclusions in the time-harmonic regime. For imaging extended elastic inclusions, accurate optimal control methodologies are designed and the effects of uncertainties of the geometric or physical parameters on stability and resolution properties are evaluated. In particular, the book shows how localized damage to a mechanical structure affects its dynamic characteristics, and how measured eigenparameters are linked to elastic inclusion or crack location, orientation, and size. Demonstrating a novel method for identifying, locating, and estimating inclusions and cracks in elastic structures, the book opens possibilities for a mathematical and numerical framework for elasticity imaging of nanoparticles and cellular structures.

**Habib Ammari** is director of research at the French National Center for Scientific Research and professor of mathematics at the École Normale Supérieure.

**Elie Bretin** is a postdoctoral researcher in mathematics at the École Polytechnique. **Josselin Garnier** is professor of mathematics at Université Paris VII.

**Hyeonbae Kang** is the Jungseok Chair Professor of Mathematics at Inha University in South Korea.

**Hyundae Lee** is assistant professor of mathematics at Inha University. **Abdul Wahab** is a postdoctoral researcher in mathematics at Université Paris VII.

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MATHEMATICS ■ ENGINEERING

## LEONHARD EULER

Mathematical Genius in the Enlightenment

RONALD S. CALINGER

This is the first full-scale biography of Leonhard Euler (1707–83), one of the greatest mathematicians and theoretical physicists of all time. In this comprehensive and authoritative account, Ronald Calinger connects the story of Euler’s eventful life to the astonishing achievements that place him in the company of Archimedes, Newton, and Gauss. Drawing chiefly on Euler’s massive published works and correspondence, which fill more than eighty volumes so far, this biography sets Euler’s work in its multilayered context—personal, intellectual, institutional, political, cultural, religious, and social. It is a story of nearly incessant accomplishment, from Euler’s fundamental contributions to almost every area of pure and applied mathematics—especially calculus, number theory, notation, optics, and celestial, rational, and fluid mechanics—to his advancements in shipbuilding, telescopes, ballistics, cartography, chronology, and music theory.

The narrative takes the reader from Euler’s childhood and education in Basel through his first period in St. Petersburg, 1727–41, where he gained a European reputation by solving the Basel problem and systematically developing analytical mechanics. Moving to Berlin, Euler published his famous *Introductio in analysin infinitorum*, devised continuum mechanics, proposed a pulse theory of light, and faced Frederick the Great. Returning to St. Petersburg in 1766, Euler created the analytical calculus of variations, developed the most precise lunar theory of the time that supported Newton’s dynamics, and published the best-selling *Letters to a German Princess*—all despite eye problems that ended in near-total blindness. In telling Euler’s remarkable story, the book also demonstrates with new depth and detail the central role of mathematics in the Enlightenment.

**Ronald S. Calinger** is professor emeritus of history at the Catholic University of America and the founding chancellor of the Euler Society. His books include *A Contextual History of Mathematics*, *Vita Mathematica*, and *Classics of Mathematics*.

A COMPREHENSIVE BIOGRAPHY OF THE ENLIGHTENMENT’S GREATEST MATHEMATICIAN

“This is the first real biography of Leonhard Euler, and I don’t think it’s an exaggeration to say that it is the most important book about Euler to appear in any western European language in the past century. The scholarship is absolutely first rate and is based largely on original sources, a monumental feat. Many of the details are new, but so is the grand synthesis that puts them together in one narrative. I learned something new from almost every page.”

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“Comprehensive and thorough, this study of the life, work, and times of Leonhard Euler is written in an accessible style and strikes the right balance between his technical accomplishments and historical context. This will be a standard, foundational work on which all future scholarship on Euler, eighteenth-century mathematics and science, and indeed Enlightenment intellectual life will rest.”

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JULY

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808 pages. 55 halftones. 6 x 9.

MATHEMATICS ■ BIOGRAPHY

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