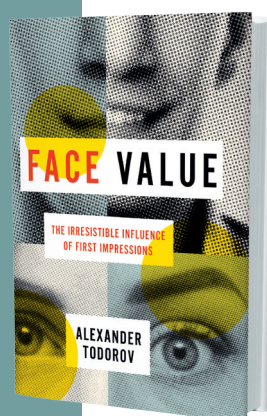
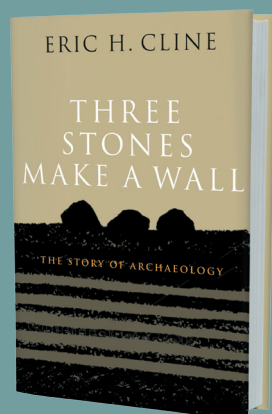
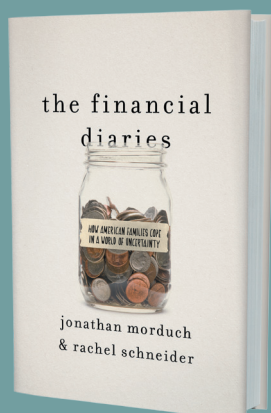


PRINCETON



Spring

2017



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A Letter from the Director

Of all the areas in which Princeton University Press publishes, the one that raises the greatest number of questions, and occasionally a few eyebrows, is science. What, skeptics ask, is the value of books in fields where the steady advance of knowledge is recorded in scholarly articles? Ever since its first bestseller, Albert Einstein's *The Meaning of Relativity* (1922), the Press has answered that question with books that connect the ideas of leading scientists with the larger intellectual and public conversation. Spring 2017 is no exception.

Establishing a broad frame for this science-rich list, the Press is proud to announce the book publication of Institute for Advanced Study founding director Abraham Flexner's famous 1939 essay "The Usefulness of Useless Knowledge," accompanied by a compelling new essay by Robbert Dijkgraaf, the current director of the IAS. Meanwhile, Princeton computer scientist Brian Kernighan combines technical mastery and informal insight in *Understanding the Digital World*, an enlightening investigation into a space where we all live these days. Mathematician and popular writer Keith Devlin offers a first-person account of the story behind a scientific biography in *Finding Fibonacci: The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World*. Among our other notable science titles is *Evolution's Bite: A Story of Teeth, Diet, and Human Origins*, in which Peter Ungar provides a distinctive take on the way our species has evolved. Much as science, through its books, informs the human conversation, it is also informed and challenged by it. Philosopher Roger Scruton returns to PUP with *On Human Nature*, a book that interrogates scientifically popular arguments for biological reductionism.

Beyond science, the Spring list features exciting titles by authors new and familiar. In economics, the 2014 Nobel Laureate Jean Tirole leads off the list with *Economics for the Common Good*, while Jonathan Morduch and Rachel Schneider explore the ways in which poor and working-class people navigate the ups and downs of the economy in *The Financial Diaries*. Alexander Todorov probes an important dimension of human psychology in *Face Value: The Irresistible Influence of First Impressions*. And in one of the most anticipated books of the year, classicist Walter Scheidel investigates society's most pressing economic predicament in *The Great Leveler: Violence and the History of Inequality from the Stone Age to the Twenty-First Century*.

As usual, our thanks go to our authors, colleagues, editorial board members, and trustees for making the Spring 2017 list possible.



Peter J. Dougherty, Director



Economics for the Common Good

JEAN TIROLE

Translated by Steven Rendall

From Nobel Prize–winning economist Jean Tirole, a bold new agenda for the role of economics in society

“Jean Tirole is that rare exception, a Nobel laureate who believes he has a social responsibility to talk clearly and responsibly about the topics on the minds of noneconomists. This is an exceptional book. It shows the value of careful economic thinking on topics from unemployment to global warming. Required reading for policymakers, but also for anybody who wants to understand today’s economy.”

—Olivier Blanchard, former Chief Economist, International Monetary Fund

When Jean Tirole won the 2014 Nobel Prize in Economics, he suddenly found himself being stopped in the street by complete strangers and asked to comment on issues of the day, no matter how distant from his own areas of research. His transformation from academic economist to public intellectual prompted him to reflect further on the role economists and their discipline play in society. The result is *Economics for the Common Good*, a passionate manifesto for a world in which economics, far from being a “dismal science,” is a positive force for the common good.

Economists are rewarded for writing technical papers in scholarly journals, not joining in public debates. But Tirole says we urgently need economists to engage with the many challenges facing society, helping to identify our key objectives and the tools needed to meet them.

To show how economics can help us realize the common good, Tirole shares his insights on a broad array of questions affecting our everyday lives and the future of our society, including global warming, unemployment, the post-2008 global financial order, the Euro crisis, the digital revolution, innovation, and the proper balance between the free market and regulation.

Providing a rich account of how economics can benefit everyone, *Economics for the Common Good* sets a new agenda for the role of economics in society.

Jean Tirole, the winner of the 2014 Nobel Prize in Economics, has been described as one of the most influential economists of our time. He is chairman of the Toulouse School of Economics and of the Institute for Advanced Study in Toulouse and a visiting professor at the Massachusetts Institute of Technology. His many books include *The Theory of Corporate Finance* and *Financial Crises, Liquidity, and the International Monetary System* (both Princeton).

JULY

978-0-691-17516-4 **Cloth \$29.95**

584 pages. 21 line illus. 5 tables. 6 x 9.

NATIONAL AUTHOR TOUR

POPULAR ECONOMICS | CURRENT AFFAIRS

AN INTERVIEW WITH JEAN TIROLE

What inspired you to write this book?

I wanted to show how economics can open a window to the world. Since receiving the Nobel Prize, I have regularly been asked to explain to general audiences the nature of economic research and what it contributes to our well-being. In this book, which is accessible to any intellectually curious reader with little or no previous knowledge of economics, I explain how economics can help us understand the world and guide policy.

What is the benefit of making economic ideas comprehensible to a general audience?

Repeatedly blaming politicians for flawed policies won't get us very far. Like everyone, politicians respond to the incentives they face—in their case, the hope of being elected. Very rarely do they go against public opinion. So we get the policies we deserve. And as I explain in the book, our understanding of economic phenomena is obfuscated by various cognitive biases; we are dependent on rules of thumb and narratives, and we often believe what we want to believe and see what we want to see. Economics acts as a deciphering key, although of course it has its own shortcomings.

In the book you talk about economics for the common good. What exactly is the common good?

Economics for the common good is an ambition: to suggest policies that help our institutions align social and private interests. The invisible and visible hands—the market and the state—are complementary; to function well, a market economy needs an efficient state to correct its failures. But sometimes the state does not work for the common good. For example, many countries are leaving their children unemployed, unfunded public debt, a degraded education system, inequality, and a lack of preparation for digital upheaval. And the world does little to contain climate change. The book therefore pays particular attention to what is going wrong with governments and how this can be remedied to promote the common good.

Economics has come under sharp attack, especially since the 2008 financial crisis. Is it a science?

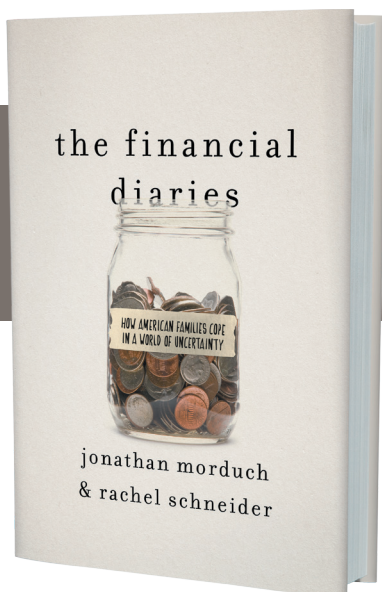
We must be humble and accept that as a science, economics is an inexact one. Overall, an economist will generally feel more comfortable analyzing past events and proposing future policies rather than forecasting. Incidentally, this is a characteristic shared by doctors and seismologists, who detect environments that are conducive to heart attacks and earthquakes, and who can provide useful recommendations, but are hard-pressed to predict the exact timing of these events, or even whether they will occur at all.



© Sébastien Pioch / Toulouse School of Economics

“Economics for the Common Good is a delightfully written and deeply insightful book. Offering striking and illuminating paradoxes about economic behavior, Jean Tirole discusses a broad range of problems related to economic well-being and the common good, from privacy and the dominance of Google to how we allocate scarce resources and deal with climate change.”

—Harold James, Princeton University



The Financial Diaries

How American Families Cope in a World of Uncertainty

JONATHAN MORDUCH & RACHEL SCHNEIDER

What the financial diaries of working-class families reveal about economic stresses, why they happen, and what policies might reduce them

"*The Financial Diaries* provides a useful framework for readers looking to understand why working-class families feel uneasy with their financial situations. Morduch and Schneider make the important case for the distinction between illiquidity and insolvency, and for the idea that policy solutions for each of these problems may not be the same."

—Elisabeth Jacobs, Washington Center for Equitable Growth

Deep within the American Dream lies the belief that hard work and steady saving will ensure a comfortable retirement and a better life for one's children. But in a nation experiencing unprecedented prosperity, even for many families who seem to be doing everything right, this ideal is still out of reach.

In *The Financial Diaries*, Jonathan Morduch and Rachel Schneider draw on the groundbreaking U.S. Financial Diaries, which follow the lives of 235 low- and middle-income families as they navigate through a year. Through the Diaries, Morduch and Schneider challenge popular assumptions about how Americans earn, spend, borrow, and save—and they identify the true causes of distress and inequality for many working Americans.

We meet real people, ranging from a casino dealer to a street vendor to a tax preparer, who open up their lives and illustrate a world of financial uncertainty in which even limited financial success requires imaginative—and often costly—coping strategies. Morduch and Schneider detail what families are doing to help themselves and describe new policies and technologies that will improve stability for those who need it most.

Combining hard facts with personal stories, *The Financial Diaries* presents an unparalleled inside look at the economic stresses of today's families and offers powerful, fresh ideas for solving them.

Jonathan Morduch is professor of public policy and economics at the New York University Wagner Graduate School of Public Service. He is the coauthor of *Portfolios of the Poor* (Princeton) and other books.

Rachel Schneider is senior vice president at the Center for Financial Services Innovation, an organization dedicated to improving the financial health of Americans.

APRIL

978-0-691-17298-9 **Cloth \$27.95T**

240 pages. 14 line illus. 6 x 9.

POPULAR ECONOMICS | CURRENT AFFAIRS

AN INTERVIEW WITH JONATHAN MORDUCH & RACHEL SCHNEIDER

What makes the U.S. Financial Diaries different from other financial surveys of American households?

We set out to find people who were willing to open up their entire financial lives to us for a year. Two hundred thirty-five families and individuals let us track every dollar that they earned, spent, borrowed, and saved, or that they received from others.

We got to know many of the families personally. And seeing 235 different lives allowed us to draw connections between people facing similar dilemmas in radically different situations—from undocumented migrant workers in northern California to middle-class families in Ohio. Because money touches so much of life, we could see most other parts of their lives, too.

Each of the book's chapters opens with one or two individuals and follows their work and family life. Describe a memorable participant in the diaries project.

The book opens with the story of Becky and Jeremy, a young couple raising a family in a small town in Ohio. Their story reveals a common struggle to achieve both mobility and stability. Jeremy was working full-time, fixing trucks on commission. Becky mainly stayed home to raise their children, volunteered, and occasionally cleaned houses on the side. Jeremy liked his job, but fixing eighteen-wheeler trucks is a seasonal business, and Jeremy's pay was unsteady. Even though Becky and Jeremy had many of the markers of middle-class life—a comfortable home, a tight community, and solid employment—they felt incredibly insecure. At the end of the study, Jeremy switched to a lower-paying job with a longer commute—but at least it came with a steady paycheck.

What do most of us not understand about the financial plight of the working and middle classes—and what can we learn from it?

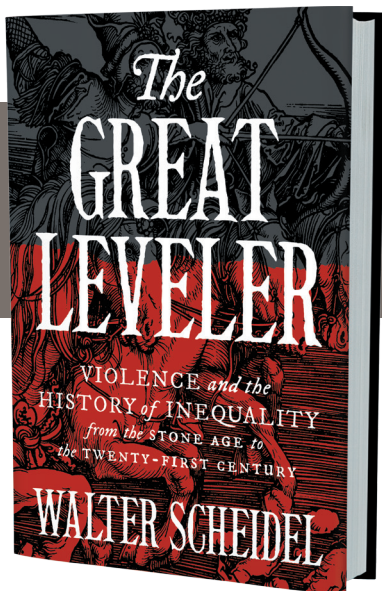
First, families feel insecure for perfectly good reasons—income and spending needs are often unpredictable and hard to manage, even for middle-class families. Second, people cope with the risks in surprising and inventive ways. They strategize with family members. They save actively, even if not for the long term. They find ways to discipline their borrowing. None of the ideas are flawless, but some point to ways businesses and governments can create better solutions. Maybe more important, the stories in the diaries show how unbalanced America has become in terms of whose shoulders are carrying most of the risk today.



Courtesy of Robin Holland



Courtesy of Sofia Negron



The Great Leveler

Violence and the History of Inequality
from the Stone Age to the Twenty-First Century

WALTER SCHEIDEL

Are mass violence and catastrophes the only forces that can seriously decrease economic inequality? To judge by thousands of years of history, the answer is yes. Tracing the global history of inequality from the Stone Age to today, Walter Scheidel shows that inequality never dies peacefully. Periods of increased equality are usually born of carnage and disaster and are generally short-lived, disappearing with the return of peace and stability. *The Great Leveler* is the first book to chart the crucial role of violent shocks in reducing inequality over the full sweep of human history around the world.

Ever since humans began to farm, herd livestock, and pass on their assets to future generations, economic inequality has been a defining feature of civilization. Over thousands of years, only violent events have significantly lessened inequality. The “Four Horsemen” of leveling—mass-mobilization warfare, transformative revolutions, state collapse, and catastrophic plagues—have repeatedly destroyed the fortunes of the rich. Scheidel identifies and examines these processes, from the crises of the earliest civilizations to the cataclysmic world wars and communist revolutions of the twentieth century. Today, the violence that reduced inequality in the past seems to have diminished, and that is a good thing. But it casts serious doubt on the prospects for a more equal future.

An essential contribution to the debate about inequality, *The Great Leveler* provides important new insights about why inequality is so persistent—and why it is unlikely to decline anytime soon.

Walter Scheidel is the Dickason Professor in the Humanities, professor of classics and history, and a Kennedy-Grossman Fellow in Human Biology at Stanford University. The author or editor of sixteen previous books, he has published widely on premodern social and economic history, demography, and comparative history. He lives in Palo Alto, California.

FEBRUARY

978-0-691-16502-8 **Cloth \$35.00T**
320 pages. 45 line illus. 6 x 9.

The Princeton Economic History of the Western World
Joel Mokyr, Series Editor

WORLD HISTORY | ECONOMICS | CURRENT AFFAIRS

How only violence and catastrophes have consistently reduced inequality throughout world history

“If you think you’ve heard it all about economic inequality, think again.

Walter Scheidel’s analysis of what really reduces inequality is provocative, but he makes the case with reason, evidence, and style.”

—Steven Pinker, author of *The Better Angels of Our Nature: Why Violence Has Declined*

Three Stones Make a Wall

The Story of Archaeology

ERIC H. CLINE

In 1922, Howard Carter peered into Tutankhamun's tomb for the first time, the only light coming from the candle in his outstretched hand. Urged to tell what he was seeing through the small opening he had cut in the door to the tomb, the Egyptologist famously replied, "I see wonderful things." Carter's fabulous discovery is just one of the many spellbinding stories told in *Three Stones Make a Wall*.

Written by Eric Cline, an archaeologist with more than thirty seasons of excavation experience, *Three Stones Make a Wall* traces the history of archaeology from an amateur pursuit to the cutting-edge science it is today by taking the reader on a tour of major archaeological sites and discoveries, from Pompeii to Petra, Troy to the Terracotta Warriors, and Mycenae to Megiddo and Masada. Cline brings to life the personalities behind these digs, including Heinrich Schliemann, the former businessman who excavated Troy, and Mary Leakey, whose discoveries advanced our understanding of human origins. The discovery of the peoples and civilizations of the past is presented in vivid detail, from the Hittites and Minoans to the Inca, Aztec, and Moche. Along the way, the book addresses the questions archaeologists are asked most often: How do you know where to dig? How are excavations actually done? How do you know how old something is? Who gets to keep what is found?

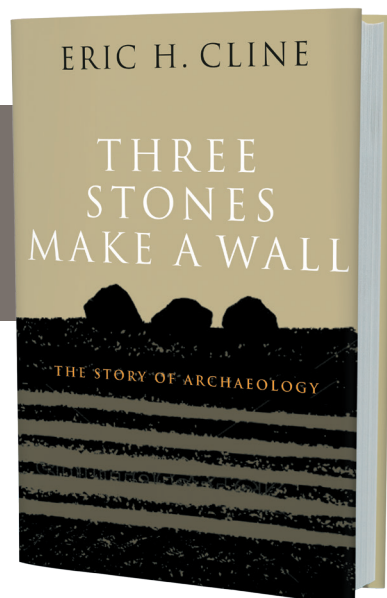
Taking readers from the pioneering digs of the eighteenth century to the exciting new discoveries being made today, *Three Stones Make a Wall* is a lively and essential introduction to the story of archaeology.

Eric H. Cline is professor of classics and anthropology and director of the Capitol Archaeological Institute at George Washington University. An active archaeologist, he has excavated and surveyed in Greece, Crete, Cyprus, Egypt, Israel, Jordan, and the United States. His many books include *1177 B.C.: The Year Civilization Collapsed* (Princeton).

MARCH

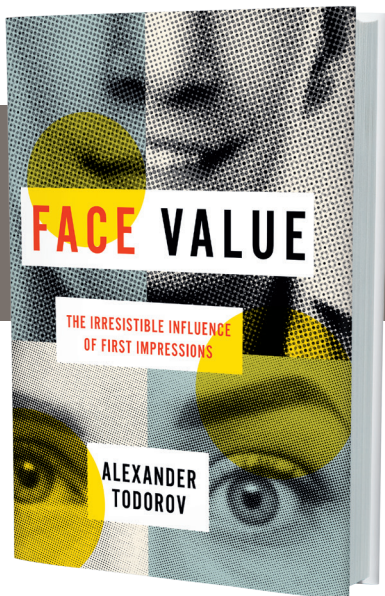
978-0-691-16640-7 Cloth \$35.00T
448 pages. 50 line illus. 2 maps. 6 x 9.

ARCHAEOLOGY | ANCIENT HISTORY



From the bestselling author of 1177 B.C., a comprehensive history of archaeology—from its amateur beginnings to the cutting-edge science it is today

"This book takes your hand and leads you on a magical archaeology mystery tour across the globe. You'll meet famous archaeologists, explore legendary sites, and see the latest discoveries using new technologies. Archaeology is full of 'wonderful things,' and *Three Stones Make a Wall*, written by one of its greatest storytellers, is a must-have."
—Sarah Parcak, University of Alabama at Birmingham, winner of the 2016 TED Prize



Face Value

The Irresistible Influence of First Impressions

ALEXANDER TODOROV

The scientific story of first impressions—and why the snap character judgments we make from faces are irresistible but usually incorrect

“Faces are what newborns naturally seek. They are the objects of our love, trust, fear, longing, and memory. They inspire poetry and the visual arts.

We rely on faces to reveal mood and character, allowing them to influence hiring decisions, criminal convictions, and elections. In this magisterial work, Todorov takes us on a tour of the face, its role in human affairs, and its power to influence and mislead. You’ll always look at faces, but never the same way again.”

—Eldar Shafir, coauthor of *Scarcity: The New Science of Having Less and How It Defines Our Lives*

We make up our minds about others after seeing their faces for a fraction of a second—and these snap judgments predict all kinds of important decisions. For example, politicians who simply look more competent are more likely to win elections. Yet the character judgments we make from faces are as inaccurate as they are irresistible; in most situations, we would guess more accurately if we ignored faces. So why do we put so much stock in these widely shared impressions? What is their purpose if they are completely unreliable? In this book, Alexander Todorov, one of the world’s leading researchers on the subject, answers these questions as he tells the story of the modern science of first impressions.

Drawing on psychology, cognitive science, neuroscience, computer science, and other fields, this accessible and richly illustrated book describes cutting-edge research and puts it in the context of the history of efforts to read personality from faces. Todorov describes how we have evolved the ability to read basic social signals and momentary emotional states from faces, using a network of brain regions dedicated to the processing of faces. Yet contrary to the nineteenth-century pseudoscience of physiognomy and even some of today’s psychologists, faces don’t provide us a map to the personalities of others. Rather, the impressions we draw from faces reveal a map of our own biases and stereotypes.

A fascinating scientific account of first impressions, *Face Value* explains why we pay so much attention to faces, why they lead us astray, and what our judgments actually tell us.

Alexander Todorov is professor of psychology at Princeton University, where he is also affiliated with the Princeton Neuroscience Institute and the Woodrow Wilson School of Public and International Affairs. His research on first impressions has been covered by media around the world, including the *New York Times*, the *Guardian*, the *New Yorker*, the *Daily Telegraph*, *Scientific American*, PBS, and NPR. He lives in Princeton.

MAY

978-0-691-16749-7 Cloth \$32.95T

336 pages. 83 color illus. 85 halftones. 4 line illus. 7 x 9.

POPULAR SCIENCE | PSYCHOLOGY

The Usefulness of Useless Knowledge

ABRAHAM FLEXNER

With a companion essay by Robbert Dijkgraaf

A forty-year tightening of funding for scientific research has meant that resources are increasingly directed toward applied or practical outcomes, with the intent of creating products of immediate value. In such a scenario, it makes sense to focus on the most identifiable and urgent problems, right? Actually, it doesn't. In his classic essay "The Usefulness of Useless Knowledge," Abraham Flexner, the founding director of the Institute for Advanced Study in Princeton and the man who helped bring Albert Einstein to the United States, describes a great paradox of scientific research. The search for answers to deep questions, motivated solely by curiosity and without concern for applications, often leads not only to the greatest scientific discoveries but also to the most revolutionary technological breakthroughs. In short, no quantum mechanics, no computer chips. This brief book includes Flexner's timeless 1939 essay alongside a new companion essay by Robbert Dijkgraaf, the Institute's current director, in which he shows that Flexner's defense of the value of "the unobstructed pursuit of useless knowledge" may be even more relevant today than it was in the early twentieth century. Dijkgraaf describes how basic research has led to major transformations in the past century and explains why it is an essential precondition of innovation and the first step in social and cultural change. He makes the case that society can achieve deeper understanding and practical progress today and tomorrow only by truly valuing and substantially funding the curiosity-driven "pursuit of useless knowledge" in both the sciences and the humanities.

Abraham Flexner (1866–1959) was the founding director of the Institute for Advanced Study, one of the world's leading institutions for basic research in the sciences and humanities. **Robbert Dijkgraaf**, a mathematical physicist who specializes in string theory, is director and Leon Levy Professor at the Institute for Advanced Study. A distinguished public policy adviser and passionate advocate for science and the arts, he is also the cochair of the InterAcademy Council, a global alliance of science academies.

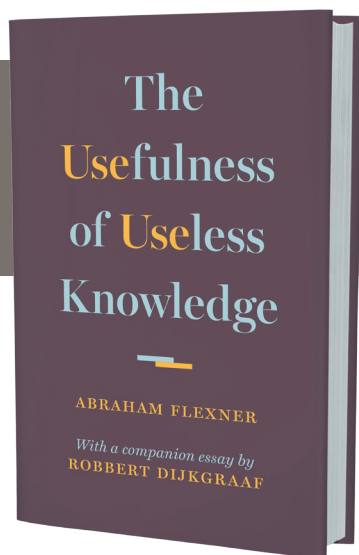
MARCH

978-0-691-17476-1 Cloth \$9.95T

112 pages. 4 ½ x 7.

POPULAR SCIENCE

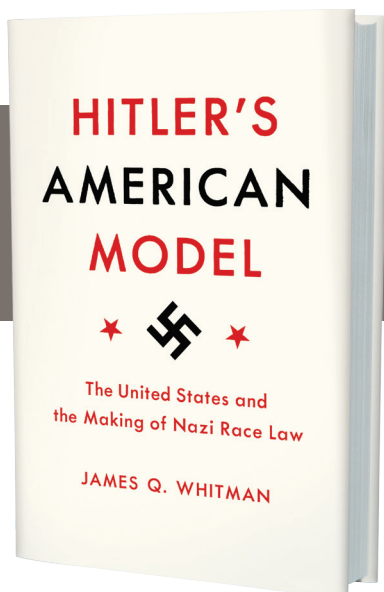
PRESS.PRINCETON.EDU



A short, provocative book about why "useless" science often leads to humanity's greatest technological breakthroughs

"The Usefulness of Useless Knowledge is excellent. Dijkgraaf's essay is a remarkable piece of writing that eloquently puts Flexner's essay in historical context, revealing the influence of his vision on the twentieth century and reevaluating it in the light of the twenty-first."

—Carlo Rovelli, author of *Seven Brief Lessons on Physics*



Hitler's American Model

The United States and the Making of Nazi Race Law

JAMES Q. WHITMAN

Nazism triumphed in Germany during the high era of Jim Crow laws in the United States. Did the American regime of racial oppression in any way inspire the Nazis? The unsettling answer is yes. In *Hitler's American Model*, James Whitman presents a detailed investigation of the American impact on the notorious Nuremberg Laws, the centerpiece anti-Jewish legislation of the Nazi regime. Contrary to those who have insisted that there was no meaningful connection between American and German racial repression, Whitman demonstrates that the Nazis took a real, sustained, significant, and revealing interest in American race policies.

As Whitman shows, the Nuremberg Laws were crafted in an atmosphere of considerable attention to the precedents American race laws had to offer. German praise for American practices, already found in Hitler's *Mein Kampf*, was continuous throughout the early 1930s, and the most radical Nazi lawyers were eager advocates of the use of American models. But while Jim Crow segregation was one aspect of American law that appealed to Nazi radicals, it was not the most consequential one. Rather, both American citizenship and antimiscegenation laws proved directly relevant to the two principal Nuremberg Laws—the Citizenship Law and the Blood Law. Whitman looks at the ultimate, ugly irony that when Nazis rejected American practices, it was sometimes not because they found them too enlightened, but too harsh.

Indelibly linking American race laws to the shaping of Nazi policies in Germany, *Hitler's American Model* upends understandings of America's influence on racist practices in the wider world.

James Q. Whitman is the Ford Foundation Professor of Comparative and Foreign Law at Yale Law School. His books include *Harsh Justice*, *The Origins of Reasonable Doubt*, and *The Verdict of Battle*. He lives in New York City.

MARCH

978-0-691-17242-2 **Cloth \$24.95T**

256 pages. 7 halftones. 5 ½ x 8 ½.

HISTORY | LAW

*How American race law provided
a blueprint for Nazi Germany*

"*Hitler's American Model* is a breathtaking excavation of America's shameful contribution to Hitler's genocidal policies. This book is a profound testament to what the past can teach us about the present and is more timely than Whitman could possibly have imagined when he began this remarkable excursion into our nation's original sin and its surprising European legacy. A brilliant page-turner."

—Laurence H. Tribe, Harvard
Law School

Terror in France

The Rise of Jihad in the West

GILLES KEPEL

With a new introduction by the author

In November 2015, ISIS terrorists massacred scores of people in Paris with coordinated attacks on the Bataclan concert hall, cafés and restaurants, and the national sports stadium. On Bastille Day in 2016, an ISIS sympathizer drove a truck into crowds of holiday goers at the beaches of Nice, and two weeks later an elderly French priest was murdered during morning Mass by two ISIS militants. Here is Gilles Kepel's explosive account of the radicalization of a segment of Muslim youth that led to those attacks—and of the failure of governments in France and across Europe to address it. It is a book everyone in the West must read.

Terror in France shows how these atrocities represent a paroxysm of violence that has long been building. The turning point was in 2005, when the worst riots in modern French history erupted in the poor, largely Muslim suburbs of Paris after the accidental deaths of two boys who had been running from the police. The unrest—or “French intifada”—crystallized a new consciousness among young French Muslims. Some have fallen prey to the allure of “war of civilizations” rhetoric in ways never imagined by their parents and grandparents.

This is the highly anticipated English edition of Kepel's sensational French bestseller, first published shortly after the Paris attacks. Now fully updated to reflect the latest developments and featuring a new introduction by the author, *Terror in France* reveals the truth about a virulent new wave of jihadism that has Europe as its main target. Its aim is to divide European societies from within by instilling fear, provoking backlash, and achieving the ISIS dream—shared by Europe's Far Right—of separating Europe's growing Muslim minority community from the rest of its citizens.

Gilles Kepel is professor of political science at the École Normale Supérieure in Paris. His books include *Beyond Terror and Martyrdom: The Future of the Middle East*, *The War for Muslim Minds: Islam and the West*, and *Jihad: The Trail of Political Islam*.

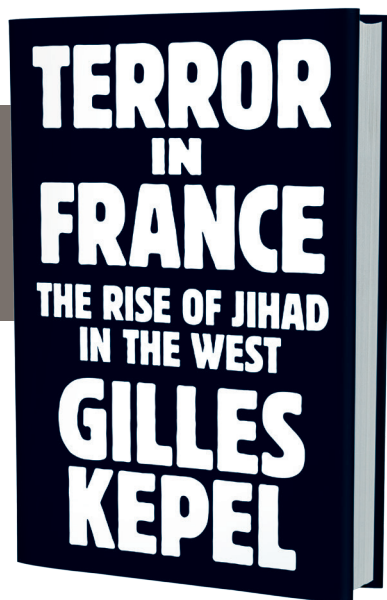
MAY

978-0-691-17484-6 **Cloth \$29.95T**
288 pages. 6 x 9.

Princeton Studies in Muslim Politics
Dale F. Eickelman and Augustus Richard Norton, Series Editors

CURRENT AFFAIRS | POLITICS

PRESS.PRINCETON.EDU



The virulent new brand of Islamic extremism threatening the West

Praise for the French edition:

“[*Terror in France* is] the most essential book to read about France today... Gilles Kepel's important book is the best account we have of all the factors and events that helped create the current situation.”

—Mark Lilla, *New York Review of Books*



Heretics!

The Wondrous (and Dangerous) Beginnings of Modern Philosophy

STEVEN NADLER & BEN NADLER

This entertaining and enlightening graphic narrative tells the exciting story of the seventeenth-century thinkers who challenged authority—sometimes risking excommunication, prison, and even death—to lay the foundations of modern philosophy and science and help usher in a new world. With masterful storytelling and color illustrations, *Heretics!* offers a unique introduction to the birth of modern thought in comics form—smart, charming, and often funny.

These contentious and controversial philosophers—from Galileo and Descartes to Spinoza, Locke, Leibniz, and Newton—fundamentally changed the way we look at the world, society, and ourselves, overturning everything from the idea that the Earth is the center of the cosmos to the notion that kings have a divine right to rule. More devoted to reason than to faith, these thinkers defended scandalous new views of nature, religion, politics, knowledge, and the human mind.

Heretics! tells the story of their ideas, lives, and times in a vivid new way. Crisscrossing Europe as it follows them in their travels and exiles, the narrative describes their meetings and clashes with each other—as well as their confrontations with religious and royal authority. It recounts key moments in the history of modern philosophy, including the burning of Giordano Bruno for heresy, Galileo's house arrest for defending Copernicanism, Descartes's proclaiming *cogito ergo sum*, Hobbes's vision of the "nasty and brutish" state of nature, and Spinoza's shocking *Theological-Political Treatise*.

A brilliant account of one of the most brilliant periods in philosophy, *Heretics!* is the story of how a group of brave thinkers used reason and evidence to triumph over the authority of religion, royalty, and antiquity.

Steven Nadler is the William H. Hay II Professor of Philosophy and Evjue-Bascom Professor in the Humanities at the University of Wisconsin-Madison. His books include *Spinoza: A Life*, which won the Koret Jewish Book Award, and *Rembrandt's Jews*, which was a finalist for the Pulitzer Prize. He lives in Madison. **Ben Nadler**, an illustrator, received his BFA from the Rhode Island School of Design and lives in Chicago.

JULY

978-0-691-16869-2 **Paper with French flaps \$22.95T**

192 pages. 173 color illus. 7 x 10.

PHILOSOPHY | GRAPHIC NARRATIVES

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IN THE LATE 1660S, WITH THE LIBERAL AND TOLERANT IDEALS OF HOLLAND UNDER ASSAULT BY POLITICAL CONSERVATIVES AND THEIR RELIGIOUS ALLIES,

SPINOZA PUT ASIDE THE *ETHICS* TO COMPOSE HIS *THEOLOGICAL-POLITICAL TREATISE*.

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THE FREEDOM OF PHILOSOPHIZING IS ESSENTIAL FOR THE PEACE AND PIETY OF THE REPUBLIC!

HE MAKES HIS CASE BY SHOWING THAT THE BIBLE, WHICH RELIGIOUS LEADERS USE TO INFLUENCE THE HEARTS AND MINDS OF CITIZENS, WAS NOT LITERALLY WRITTEN BY GOD.

IT'S AUTHORS WERE ORDINARY HUMAN BEINGS ADDRESSING VERY PARTICULAR HISTORICAL CIRCUMSTANCES.

SCRIPTURE CONSISTS OF DIFFERENT BOOKS WRITTEN AT DIFFERENT TIMES FOR DIFFERENT AUDIENCES BY DIFFERENT AUTHORS.

THE ORIGINAL TEXTS WERE COPIED MANY TIMES AND HANDED DOWN THROUGH THE CENTURIES...

AND FINALLY EDITED INTO A SINGLE COLLECTION LONG AFTER THEY HAD BEEN WRITTEN.

Holy Scripture

THE TEXT OF THE BIBLE AS WE HAVE IT IS A CORRUPT AND MUTILATED WORK OF HUMAN LITERATURE.

WHAT MAKES THE BIBLE "DIVINE" IS ONLY ITS MORALLY EDIFYING INFLUENCE UPON READERS.

THE DIVINITY OF SCRIPTURE LIES SOLELY IN THE FACT THAT IT TEACHES TRUE VIRTUE.

THE PROPHETS WHO WROTE THESE BOOKS WERE NOT PHILOSOPHERS OR SCIENTISTS OR EVEN THEOLOGISTS.

AND SO WHAT THEY SAY ABOUT GOD, NATURE, AND HUMAN BEINGS IS NOT NECESSARILY TRUE.

THIS LOOKS PRETTY MUCH RIGHT.

JOSHUA WAS NOT AN ASTRONOMER; HE REALLY BELIEVED THE SUN WENT AROUND THE EARTH.

THE PROPHETS WERE, HOWEVER, MEN OF EXTRAORDINARY VIRTUE AND VIVID IMAGINATION.

THEIR MESSAGE, ELOQUENTLY TOLD, IS A SIMPLE ONE.

LOVE YOUR NEIGHBOR!

TRUE RELIGION CONSISTS ONLY IN JUSTICE AND CHARITY TOWARD OTHERS.

EVERYTHING ELSE- ALL THE CEREMONIES AND RITES OF ORGANIZED RELIGIONS- HAS NOTHING TO DO WITH PIETY.

RELIGION HAS DEGENERATED INTO A PERNICIOUS SUPERSTITION.

SPINOZA ALSO ARGUES THAT MIRACLES ARE IMPOSSIBLE.

GOD IS NATURE, AND NOTHING CAN HAPPEN IN NATURE THAT CONTRAVENES ITS OWN UNIVERSAL LAWS.

WHO!

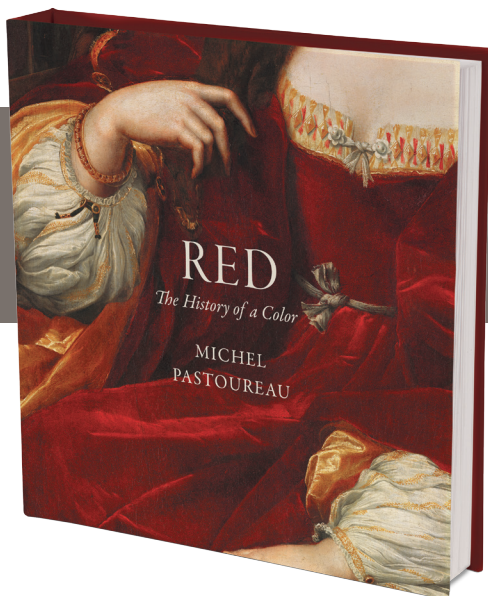
WHAT WE CALL A "MIRACLE" IS ONLY AN EVENT WHOSE NATURAL CAUSE WE HAVE NOT YET DISCOVERED.

SPINOZA IS, ABOVE ALL, CONCERNED TO SHOW THAT LIBERTY OF THOUGHT AND EXPRESSION IS ESSENTIAL TO THE WELL-BEING OF A POLITY.

GOD IS NATURE

IN A FREE COMMONWEALTH, EVERYONE MAY THINK AS HE PLEASES AND SAY WHAT HE THINKS.

HEY!



A beautifully illustrated visual and cultural history of the color red throughout the ages

Praise for Michel Pastoureau's *Blue*:

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—William H. Gass, *Los Angeles Times*
Book Review

ALSO AVAILABLE

Black: The History of a Color
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978-0-691-13930-2 Cloth \$35.00

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978-0-691-15936-2 Cloth \$35.00

Red

The History of a Color

MICHEL PASTOUREAU

The color red has represented many things, from the life force and the divine to love, lust, and anger. Up through the Middle Ages, red held a place of privilege in the Western world. For many cultures, red was not just one color of many but rather the *only* color worthy enough to be used for social purposes. In some languages, the word for red was the same as the word for color. The first color developed for painting and dying, red became associated in antiquity with war, wealth, and power. In the medieval period, red held both religious significance, as the color of the blood of Christ and the fires of Hell, and secular meaning, as a symbol of love, glory, and beauty. Yet during the Protestant Reformation, red began to decline in status. Viewed as indecent and immoral and linked to luxury and the excesses of the Catholic Church, red fell out of favor. After the French Revolution, red gained new respect as the color of progressive movements and radical left-wing politics.

In this beautifully illustrated book, Michel Pastoureau, the acclaimed author of *Blue*, *Black*, and *Green*, now masterfully navigates centuries of symbolism and complex meanings to present the fascinating and sometimes controversial history of the color red. Pastoureau illuminates red's evolution through a diverse selection of captivating images, including the cave paintings of Lascaux, the works of Renaissance masters, and the modern paintings and stained glass of Mark Rothko and Josef Albers.

Michel Pastoureau is a historian and director of studies at the École Pratique des Hautes Études de la Sorbonne in Paris. A specialist in the history of colors, symbols, and heraldry, he is the author of many books, including *Green*, *Black*, and *Blue* (all Princeton) and *The Devil's Cloth: A History of Stripes*. His books have been translated into more than thirty languages.

FEBRUARY

978-0-691-17277-4 Cloth \$39.95T
216 pages. 112 color illus. 9 x 9 ¼.

ART | HISTORY



The Rose, Flower of Love and Beauty

Like ancient roses, medieval roses were not pink but red or white, two colors that together constituted a particularly admired chromatic pairing. Here they are associated with spring, the favorite season. c. 1260.



Red's Theatricality

Ever since Roman antiquity red has been—even more than the color of the theater—the color of theatricality. Henri de Toulouse-Lautrec, *The Box with the Golden Mask*, oil on paperboard, 1894.



The Mystery of the Red Chamber

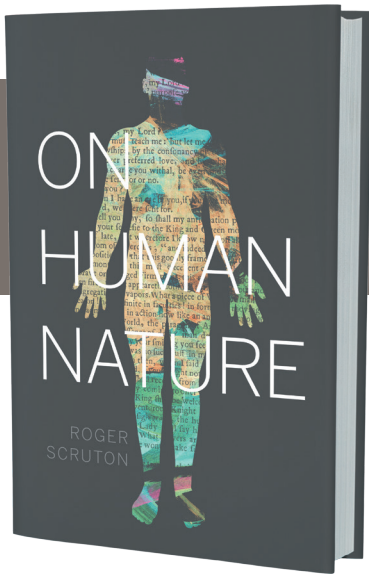
The empty space in conjunction with the ubiquitous reds makes this one of the strangest and most disturbing pictures in the whole history of painting. The mysterious visitor has left his cane and gloves on the table; he lurks in the shadows, hands bare. What is about to happen? A simple romance? Prostitution? Incest? A blood crime? In contrast, the painting by Édouard Vuillard reflected in the mirror above the mantle seems very peaceful. Félix Vallotton, *La Chambre Rouge*, 1898.



Dyers at Work

In order to dye in red, whether with madder, brazilwood, orcein, or kermes, the water in the vat had to be boiling hot, and mordants had to be used abundantly. Bartholomaeus Anglicus and Jean Corbechon, *Le Livre des Propriétés des Choses*, manuscript copied and painted in Brussels, 1482.

Image credits (top left to bottom right): Paris, Cathédral Notre-Dame, western rosace, calendar © Jean-Paul Dumontier_LaCollection_ServicePresse; Vienna, Albertina, Graphic Arts Collection © AKG Images; Lausanne, Switzerland, Musée Cantonal des Beaux-Arts © AKG Images; London, British Library, Royal Manuscript 15 E. III, folio 269 © The British Library Board/Leemage.



On Human Nature

ROGER SCRUTON

A brief, radical defense of human uniqueness from acclaimed philosopher Roger Scruton

"I admire Roger Scruton's stance and I admire his writing. In this short book, he raises and discusses deeply important issues about the human world."
—Simon Blackburn, author of *Think: A Compelling Introduction to Philosophy*

In this short book, acclaimed writer and philosopher Roger Scruton presents an original and radical defense of human uniqueness. Confronting the views of evolutionary psychologists, utilitarian moralists, and philosophical materialists such as Richard Dawkins and Daniel Dennett, Scruton argues that human beings cannot be understood simply as biological objects. We are not only human animals; we are also persons, in essential relation with other persons, and bound to them by obligations and rights. Our world is a shared world, exhibiting freedom, value, and accountability, and to understand it we must address other people face to face and I to I.

Scruton develops and defends his account of human nature by ranging widely across intellectual history, from Plato and Averroës to Darwin and Wittgenstein. The book begins with Kant's suggestion that we are distinguished by our ability to say "I"—by our sense of ourselves as the centers of self-conscious reflection. This fact is manifested in our emotions, interests, and relations. It is the foundation of the moral sense, as well as of the aesthetic and religious conceptions through which we shape the human world and endow it with meaning. And it lies outside the scope of modern materialist philosophy, even though it is a natural and not a supernatural fact. Ultimately, Scruton offers a new way of understanding how self-consciousness affects the question of how we should live.

The result is a rich view of human nature that challenges some of today's most fashionable ideas about our species.

Roger Scruton is a writer and philosopher. His many books include *The Soul of the World* and *The Aesthetics of Architecture* (both Princeton), as well as *A Short History of Modern Philosophy*; *Fools, Frauds and Firebrands: Thinkers of the New Left*; and *The Ring of Truth: The Wisdom of Wagner's "Ring of the Nibelung."* He lives in Wiltshire, England.

MARCH

978-0-691-16875-3 **Cloth \$22.95T**
160 pages. 5 x 8.

PHILOSOPHY

The Book of Greek and Roman Folktales, Legends, and Myths

EDITED, TRANSLATED, AND INTRODUCED BY
WILLIAM HANSEN

With illustrations by Glynnis Fawkes

Captured centaurs and satyrs, talking animals, people who suddenly change sex, men who give birth, the temporarily insane and the permanently thick-witted, delicate sensualists, incompetent seers, a woman who remembers too much, a man who cannot laugh—these are just some of the colorful characters who feature in the unforgettable stories that ancient Greeks and Romans told in their daily lives. Together they created an incredibly rich body of popular oral stories that include, but range well beyond, mythology—from heroic legends, fairy tales, and fables to ghost stories, urban legends, and jokes. This unique anthology presents the largest collection of these tales ever assembled. Featuring nearly four hundred stories in authoritative and highly readable translations, this is the first book to offer a representative selection of the entire range of traditional classical storytelling.

Set mostly in the world of humans, not gods, these stories focus on figures such as lovers, tricksters, philosophers, merchants, rulers, athletes, artists, and soldiers. The narratives range from the well-known—for example, Cupid and Psyche, Diogenes and his lantern, and the tortoise and the hare—to lesser-known tales that deserve wider attention. Entertaining and fascinating, they offer a unique window into the fantasies, anxieties, humor, and passions of the people who told them.

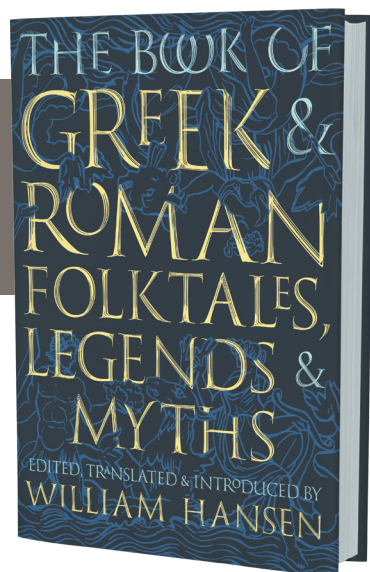
Complete with beautiful illustrations by Glynnis Fawkes, a comprehensive introduction, notes, and more, this one-of-a-kind anthology will delight general readers as well as students of classics, fairy tales, and folklore.

William Hansen, professor emeritus of classical studies and folklore at Indiana University, Bloomington, is one of the world's leading authorities on classical folklore. His books include *Classical Mythology: A Guide to the Mythical World of the Greeks*. He lives in Bloomington.

MARCH

978-0-691-17015-2 **Cloth \$35.00**
624 pages. 26 line illus. 6 x 8.

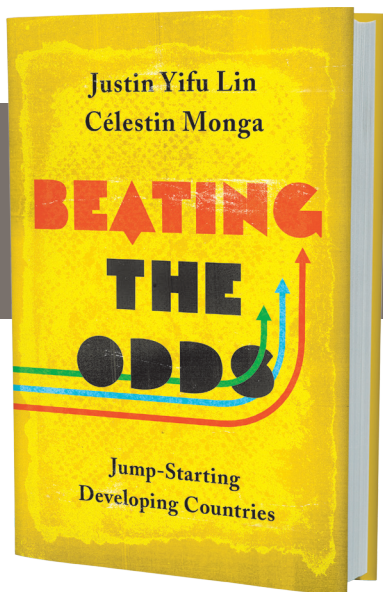
CLASSICS | FOLKLORE



The first anthology ever to present the entire range of ancient Greek and Roman stories—from myths and fairy tales to jokes

“This is an extraordinary collection of tales that are remarkable for their diversity and how contemporary they seem. Indeed, these ancient Greek and Roman stories, ably translated by William Hansen, forged most of the modern European genres such as the fable, legend, novella, fairy tale, anecdote, joke, and children’s story. Hansen’s work is an invaluable source not only for scholars but also for readers of contemporary fantasy and fairy tales.”

—Jack Zipes, translator and editor of *The Original Folk and Fairy Tales of the Brothers Grimm*



Beating the Odds

Jump-Starting Developing Countries

JUSTIN YIFU LIN & CÉLESTIN MONGA

Contrary to conventional wisdom, countries that ignite a process of rapid economic growth almost always do so while lacking what experts say are the essential preconditions for development, such as good infrastructure and institutions. In *Beating the Odds*, two of the world's leading development economists begin with this paradox to explain what is wrong with mainstream development thinking—and to offer a practical blueprint for moving poor countries out of the low-income trap regardless of their circumstances.

Justin Yifu Lin, the former chief economist of the World Bank, and Célestin Monga, the chief economist of the African Development Bank, propose a development strategy that encourages poor countries to leap directly into the global economy by building industrial parks and export-processing zones linked to global markets. Countries can leverage these zones to attract light manufacturing from more advanced economies, as East Asian countries did in the 1960s and China did in the 1980s. By attracting foreign investment and firms, poor countries can improve their trade logistics, increase the knowledge and skills of local entrepreneurs, gain the confidence of international buyers, and gradually make local firms competitive. This strategy is already being used with great success in Vietnam, Cambodia, Bangladesh, Mauritius, Ethiopia, Rwanda, and other countries. And the strategy need not be limited to traditional manufacturing but can also include agriculture, the service sector, and other activities.

Beating the Odds shows how poor countries can ignite growth without waiting for global action or the creation of ideal local conditions.

Justin Yifu Lin, former senior vice president and chief economist of the World Bank, is director of the Center for New Structural Economics and dean of the Institute of South-South Cooperation and Development at Peking University. His books include *The Quest for Prosperity: How Developing Countries Can Take Off* (Princeton). **Célestin Monga** is vice president and chief economist of the African Development Bank and visiting professor of economics at University of Paris 1 Panthéon-Sorbonne and Peking University. His books include *Nihilism and Negritude: Ways of Living in Africa*.

JUNE

978-0-691-17605-5 **Cloth \$35.00T**

392 pages. 1 halftone. 22 line illus. 19 tables. 6 x 9.

POPULAR ECONOMICS | CURRENT AFFAIRS

How poor countries can ignite economic growth

"This powerful book brings encouraging news to developing countries. A nation does not have to be developed to achieve economic growth: Witness Israel's cultivation of the Negev Desert and Mali's vibrant mango industry.

History gives striking examples of take off into sustained growth with little education and not much infrastructure either."

—Edmund Phelps, Nobel Laureate in Economics

Adaptive Markets

Financial Evolution at the Speed of Thought

ANDREW W. LO

Half of all Americans have money in the stock market, yet economists can't agree on whether investors and markets are rational and efficient, as modern financial theory assumes, or irrational and inefficient, as behavioral economists believe—and as financial bubbles, crashes, and crises suggest. This is one of the biggest debates in economics and the value or futility of investment management and financial regulation hang on the outcome. In this groundbreaking book, Andrew Lo cuts through this debate with a new framework, the Adaptive Markets Hypothesis, in which rationality and irrationality coexist.

Drawing on psychology, evolutionary biology, neuroscience, artificial intelligence, and other fields, *Adaptive Markets* shows that the theory of market efficiency isn't wrong but merely incomplete. When markets are unstable, investors react instinctively, creating inefficiencies for others to exploit. Lo's new paradigm explains how evolution shapes behavior and markets at the speed of thought—a fact revealed by swings between stability and crisis, profit and loss, and innovation and regulation.

A fascinating intellectual journey filled with compelling stories, *Adaptive Markets* starts with the origins of market efficiency and its failures, turns to the foundations of investor behavior, and concludes with practical implications—including how hedge funds have become the Galápagos Islands of finance, what really happened in the 2008 meltdown, and how we might avoid future crises.

An ambitious new answer to fundamental questions in economics, *Adaptive Markets* is essential reading for anyone who wants to know how markets really work.

Andrew W. Lo is the Charles E. and Susan T. Harris Professor at the MIT Sloan School of Management and director of the MIT Laboratory for Financial Engineering. He is the author of *Hedge Funds* and the coauthor of *A Non-Random Walk Down Wall Street* and *The Econometrics of Financial Markets* (all Princeton). He is also the founder of AlphaSimplex Group, a quantitative investment management company based in Cambridge, Massachusetts.

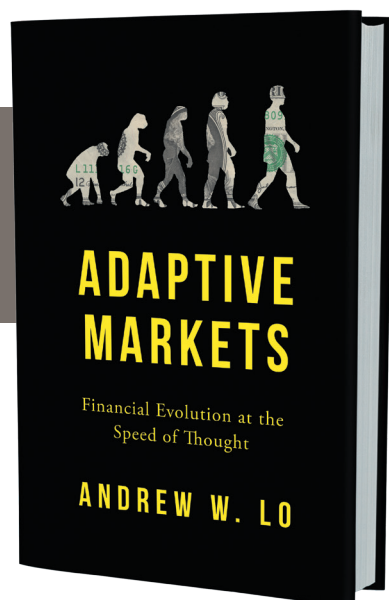
MAY

978-0-691-13514-4 **Cloth \$37.50T**

512 pages. 32 color illus. 7 line illus. 9 tables. 6 x 9.

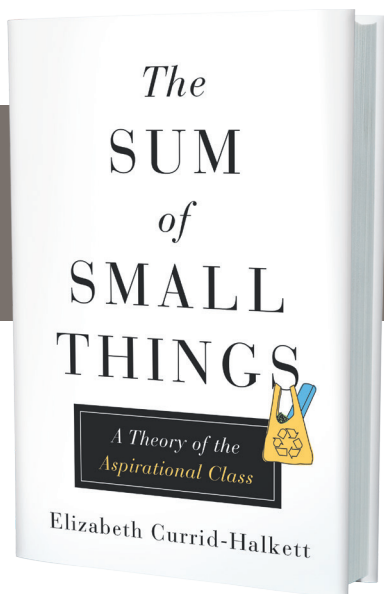
POPULAR ECONOMICS | FINANCE

PRESS.PRINCETON.EDU



A new, evolutionary explanation of markets and investor behavior

"This is a wonderful book. Andrew Lo traces a journey in which he reconsiders rationality in economics, moving from the efficient market hypothesis to his own Adaptive Markets Hypothesis through psychology, neuroscience, biology, and studies of financial innovations and crises. The book presents many valuable findings and is also full of emotion—enthusiasm, joy, frustration, and pain. It is itself a manifestation of the important finding that rational thinking and emotion go together."
—Nobuhiro Kiyotaki, Princeton University



The Sum of Small Things

A Theory of the Aspirational Class

ELIZABETH CURRID-HALKETT

How the leisure class has been replaced by a new elite, and how their consumer habits affect us all

“Just as Thorstein Veblen captured his time with the phrase ‘conspicuous consumption,’ Elizabeth Currid-Halkett nails the contemporary rise of a subtler but no less materialist inconspicuous consumption. This book is a must-read for anyone who wants to understand modern cities or culture today.”
—Richard Florida, author of *The Rise of the Creative Class*

In today’s world, the leisure class has been replaced by a new elite. Highly educated and defined by cultural capital rather than income bracket, these individuals earnestly buy organic, carry NPR tote bags, and breast-feed their babies. They care about discreet, inconspicuous consumption—like eating free-range chicken and heirloom tomatoes, wearing organic cotton shirts and TOMS shoes, and listening to the *Serial* podcast. They use their purchasing power to hire nannies and housekeepers, to cultivate their children’s growth, and to practice yoga and Pilates. In *The Sum of Small Things*, Elizabeth Currid-Halkett dubs this segment of society “the Aspirational Class” and discusses how, through deft decisions about education, health, parenting, and retirement, the Aspirational Class reproduces wealth and upward mobility, deepening the ever-wider class divide.

Exploring the rise of the Aspirational Class, Currid-Halkett considers how much has changed since the 1899 publication of Thorstein Veblen’s *Theory of the Leisure Class*. In that inflammatory classic, which coined the phrase “conspicuous consumption,” Veblen described upper-class frivolities: men who used walking sticks for show and women who bought silver flatware despite the effectiveness of cheaper aluminum utensils. Now, Currid-Halkett argues, the power of material goods as symbols of social position has diminished due to their accessibility. As a result, the Aspirational Class has altered its consumer habits away from overt materialism to more subtle expenditures that reveal status and knowledge. And these transformations influence how we all make choices.

With a rich narrative and extensive interviews and research, *The Sum of Small Things* illustrates how cultural capital leads to lifestyle shifts and what this forecasts, not just for the Aspirational Class but for everyone.

Elizabeth Currid-Halkett is the James Irvine Chair in Urban and Regional Planning and professor of public policy at the University of Southern California. She is the author of *The Warhol Economy* (Princeton) and *Starstruck* (Farrar, Straus and Giroux).

JUNE

978-0-691-16273-7 **Cloth \$29.95**
264 pages. 10 line illus. 18 tables. 6 x 9.

SOCIOLOGY | POPULAR ECONOMICS

City of Dreams

Dodger Stadium and the Birth of Modern Los Angeles

JERALD PODAIR

When Walter O'Malley moved his Brooklyn Dodgers to Los Angeles in 1957 with plans to construct a new ballpark next to downtown, he ignited a bitter argument over the future of a rapidly changing city. For the first time, *City of Dreams* tells the full story of the controversial building of Dodger Stadium—and how it helped create modern Los Angeles by transforming its downtown into a vibrant cultural and entertainment center.

In a vivid narrative, Jerald Podair tells how Los Angeles was convulsed between 1957 and 1962 over whether, where, and how to build Dodger Stadium. Competing civic visions clashed. Would Los Angeles be a decentralized, low-tax city of neighborhoods, as demanded by middle-class whites on its peripheries? Or would the baseball park be the first contribution to a revitalized downtown that would brand Los Angeles as a national and global city, as advocated by leaders in business, media, and entertainment?

O'Malley's vision triumphed when he opened his privately constructed stadium on April 10, 1962—and over the past half century it has contributed substantially to the city's civic and financial well-being. But in order to build the stadium, O'Malley received aid from the city to acquire publicly owned land (from which the city had uprooted a Mexican American community), raising sharply contested questions about the relationship between private profit and "public purpose." Indeed, the battle over Dodger Stadium crystallized issues with profound implications for all American cities, and for arguments over the meaning of equality itself.

Filled with colorful stories, *City of Dreams* will fascinate anyone who is interested in the history of the Dodgers, baseball, Los Angeles, and the modern American city.

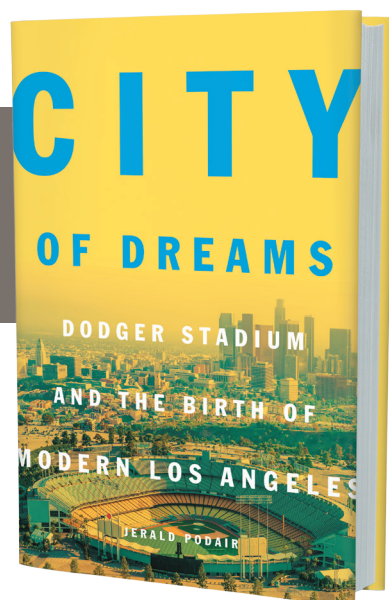
Jerald Podair is professor of history and the Robert S. French Professor of American Studies at Lawrence University in Appleton, Wisconsin. He is the author of *The Strike That Changed New York* and *Bayard Rustin: American Dreamer*. He is a recipient of the Allan Nevins Prize, awarded by the Society of American Historians.

APRIL

978-0-691-12503-9 Cloth \$32.95T
384 pages. 20 halftones. 6 x 9.

AMERICAN HISTORY | URBAN STUDIES | SPORTS

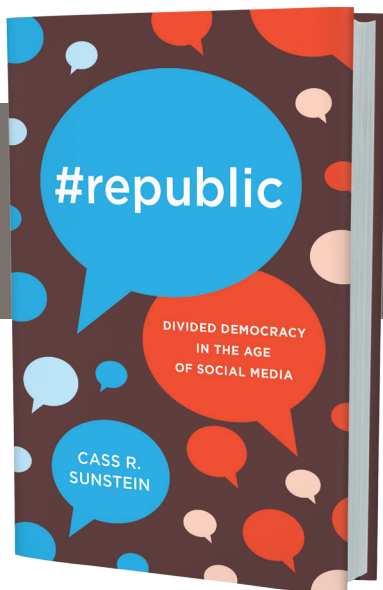
PRESS.PRINCETON.EDU



On the sixtieth anniversary of the Dodgers' move to Los Angeles, the full story of the controversial building of Dodger Stadium and how it helped transform the city

"When the Dodgers left Brooklyn, their troubles had just begun. Jerald Podair's account of the Los Angeles end of the story superbly chronicles the fierce collisions that ensued, pitting private power against the public good. The creation of Dodger Stadium also created modern Los Angeles, which makes this book an indispensable contribution to the history of modern urban America."

—Sean Wilentz, Princeton University



#Republic

Divided Democracy in the Age of Social Media

CASS R. SUNSTEIN

From the New York Times bestselling author of Nudge and The World According to Star Wars, a revealing account of how today's Internet threatens democracy—and what can be done about it

Praise for *Republic.com*
and *Republic.com 2.0*:

"Raises important and troubling questions about the effects of the Internet on a democratic society."

—Stephen Labaton, *New York Times Book Review*

"Cass Sunstein sounds a timely warning in this concise, sophisticated account of the rise of the internet culture."

—Peter Aspden, *Financial Times*

As the Internet grows more sophisticated, it is creating new threats to democracy. Social media companies such as Facebook can sort us ever more efficiently into groups of the like-minded, creating echo chambers that amplify our views. It's no accident that on some occasions, people of different political views cannot even understand each other. It's also no surprise that terrorist groups have been able to exploit social media to deadly effect.

Welcome to the age of *#Republic*.

In this revealing book, Cass Sunstein, the *New York Times* bestselling author of *Nudge* and *The World According to Star Wars*, shows how today's Internet is driving political fragmentation, polarization, and even extremism—and what can be done about it.

Revisiting the subject of his prescient *Republic.com* and *Republic.com 2.0*, Sunstein thoroughly rethinks the critical relationship between democracy and the Internet for the modern era. He describes how the Internet creates "cybercascades," exploits "confirmation bias," and assists "polarization entrepreneurs." And he explains why online fragmentation endangers the shared conversations, experiences, and understandings that are the lifeblood of democracy.

In response, Sunstein proposes practical and legal changes to make the Internet friendlier to democratic deliberation. These changes would get us out of our information cocoons by increasing the frequency of unchosen, unplanned encounters and exposing us to people, places, things, and ideas that we would never have picked for our Twitter feed.

#Republic need not be an ironic term. As Sunstein shows, it can be a rallying cry for the kind of democracy that citizens of diverse societies most need.

Cass R. Sunstein is the Robert Walmsley University Professor at Harvard Law School. His many books include the *New York Times* bestsellers *Nudge: Improving Decisions about Health, Wealth, and Happiness* (with Richard H. Thaler) and *The World According to Star Wars*. He lives in Cambridge, Massachusetts.

APRIL

978-0-691-17551-5 **Cloth \$29.95**
280 pages. 1 halftone. 6 x 9.

CURRENT AFFAIRS | POLITICS

One Nation Undecided

Clear Thinking about Five Hard Issues That Divide Us

PETER H. SCHUCK

Let's be honest, we've all expressed opinions about difficult hot-button issues without always thinking them through. With so much media spin, political polarization, and mistrust of institutions, it's hard to know *how* to think about these tough challenges, much less *what* to do about them. *One Nation Undecided* takes on some of today's thorniest issues and walks you through each one step-by-step, explaining what makes it so difficult to grapple with and enabling you to think smartly about it.

In this unique what-to-do book, Peter Schuck tackles poverty, immigration, affirmative action, campaign finance, and religious objections to gay marriage and transgender rights. For each issue, he provides essential context; defines key concepts and values; presents the relevant empirical evidence; describes and assesses the programs that now seek to address it; and considers many plausible solutions. Schuck looks at all sides with scrupulous fairness while analyzing them rigorously and factually. Each chapter is self-contained so that readers may pick and choose among the issues that interest and concern them most. His objective is to educate rather than proselytize you—the very nature of these five issues is that they resist clear answers; reasonable people can differ about where they come out on them.

No other book provides such a comprehensive, balanced, and accessible analysis of these urgent social controversies. *One Nation Undecided* gives you the facts and competing values, makes your thinking about them more sophisticated, and encourages you to draw your own conclusions.

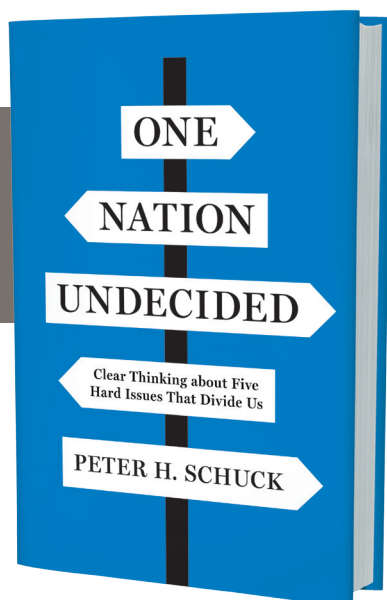
Peter H. Schuck is the Simeon E. Baldwin Professor Emeritus of Law at Yale University. His many books include *Why Government Fails So Often* (Princeton), *Meditations of a Militant Moderate*, *Diversity in America*, and *Agent Orange on Trial*. He lives in New York City.

APRIL

978-0-691-16743-5 Cloth \$29.95T

432 pages. 6 x 9.

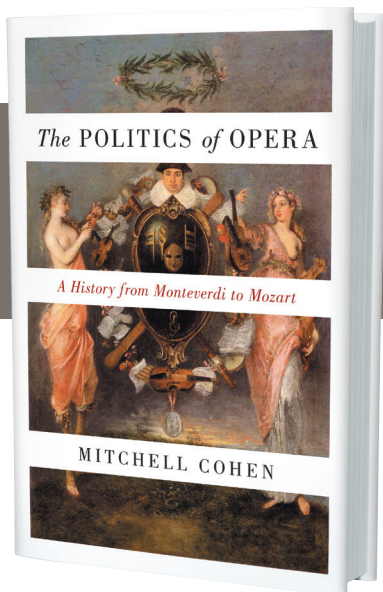
CURRENT AFFAIRS | PUBLIC POLICY



A unique primer on how to think intelligently about the thorniest public issues confronting us today

“Remarkable. Schuck covers a number of especially hard issues with unusual sophistication, care, and balance.”

—R. Shep Melnick, author of *Between the Lines: Interpreting Welfare Rights*



A wide-ranging look at the interplay of opera and political ideas through the centuries

"A tour de force. This is a lively and engaging account of the history of politics in opera, written with precision and grace. Vividly rendered, sweeping in scope, and a pleasure to read, Cohen's book is an astonishing achievement."
—Julie Otsuka, author of *The Buddha in the Attic*

The Politics of Opera

A History from Monteverdi to Mozart

MITCHELL COHEN

The Politics of Opera takes readers on a fascinating journey into the entwined development of opera and politics, from the Renaissance through the turn of the nineteenth century. What political backdrops have shaped opera? How has opera conveyed the political ideas of its times? Delving into European history and thought and an array of music by such greats as Lully, Rameau, and Mozart, Mitchell Cohen reveals how politics—through story lines, symbols, harmonies, and musical motifs—has played an operatic role both robust and sotto voce.

Cohen begins with opera's emergence under Medici absolutism in Florence during the late Renaissance—where debates by humanists, including Galileo's father, led to the first operas in the late sixteenth century. Taking readers to Mantua and Venice, where composer Claudio Monteverdi flourished, Cohen examines how early operatic works like *Orfeo* used mythology to reflect on governance and policy issues of the day, such as state jurisdictions and immigration. Cohen explores France in the ages of Louis XIV and the Enlightenment and Vienna before and during the French Revolution, where the deceptive lightness of Mozart's masterpieces touched on the havoc of misrule and hidden abuses of power. Cohen also looks at smaller works, including a one-act opera written and composed by philosopher Jean-Jacques Rousseau. Essential characters, ancient and modern, make appearances throughout: Nero, Seneca, Machiavelli, Mazarin, Fenelon, Metastasio, Beaumarchais, da Ponte, and many more.

An engrossing book that will interest all who love opera and are intrigued by politics, *The Politics of Opera* offers a compelling investigation into the intersections of music and the state.

Mitchell Cohen is professor of political science at Baruch College and the Graduate Center of the City University of New York and editor emeritus of *Dissent* magazine. His books include *Zion and State* and *The Wager of Lucien Goldmann* (Princeton). His writing has appeared in such publications as the *New York Times* and the *Times Literary Supplement*. He lives in New York City.

JUNE

978-0-691-17502-7 **Cloth \$35.00**
464 pages. 20 halftones. 6 x 9.

MUSIC | HISTORY

Private Government

How Employers Rule Our Lives
(and Why We Don't Talk about It)

ELIZABETH ANDERSON

One in four American workers says their workplace is a “dictatorship.” Yet that number probably would be even higher if we recognized most employers for what they are—private governments with sweeping authoritarian power over our lives, on duty and off. We normally think of government as something only the state does, yet many of us are governed far more—and far more obtrusively—by the private government of the workplace. In this provocative and compelling book, Elizabeth Anderson argues that the failure to see this stems from long-standing confusions. These confusions explain why, despite all evidence to the contrary, we still talk as if free markets make workers free—and why so many employers advocate less government even while they act as dictators in their businesses.

In many workplaces, employers minutely regulate workers' speech, clothing, and manners, leaving them with little privacy and few other rights. And employers often extend their authority to workers' off-duty lives. Workers can be fired for their political speech, recreational activities, diet, and almost anything else employers care to govern. Yet we continue to talk as if early advocates of market society—from John Locke and Adam Smith to Thomas Paine and Abraham Lincoln—were right when they argued that self-employment would free workers from oppressive authorities. That dream was shattered by the Industrial Revolution, but the myth endures.

Private Government offers a better way to talk about the workplace, opening up space for discovering how workers can enjoy real freedom.

Based on the prestigious Tanner Lectures, *Private Government* is edited and introduced by Stephen Macedo and includes commentary by David Bromwich, Tyler Cowen, Ann Hughes, and Niko Kolodny.

Elizabeth Anderson is the Arthur F. Thurnau Professor and John Dewey Distinguished University Professor of Philosophy and Women's Studies at the University of Michigan, Ann Arbor.

JUNE

978-0-691-17651-2 **Cloth \$27.95**

264 pages. 5 ½ x 8 ½.

The University Center for Human Values Series
Charles R. Beitz, Series Editor

POLITICAL THEORY | CURRENT AFFAIRS

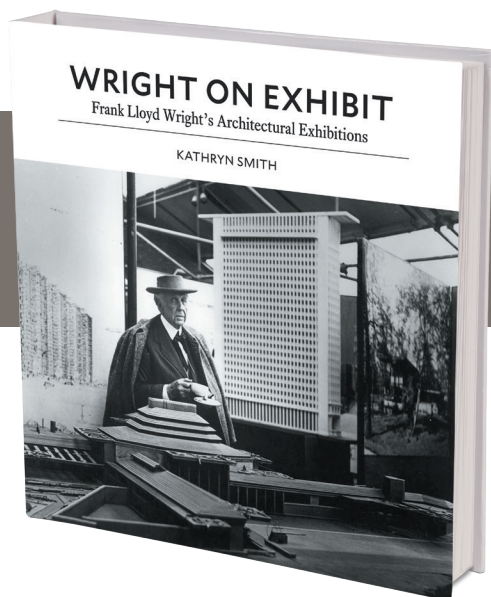
PRESS.PRINCETON.EDU



Why our workplaces are authoritarian private governments—and why we can't see it

“The extent of the arbitrary authority of owners and managers over employees is surprisingly understudied by political thinkers, given how much time we spend at work and how little in the polling booth. Elizabeth Anderson provides a much-needed, important, and compelling account of this overlooked subject. *Private Government* deserves to be widely read and discussed.”

—Alan Ryan, professor emeritus,
University of Oxford



The first history of Frank Lloyd Wright's exhibitions of his own work—a practice central to his career

"Meticulously researched and well written. This book will be a foundation for future scholarship."

—Richard Cleary, author of *Merchant Prince and Master Builder: Edgar J. Kaufmann and Frank Lloyd Wright*

Wright on Exhibit

Frank Lloyd Wright's Architectural Exhibitions

KATHRYN SMITH

Between 1894 and his death in 1959, Frank Lloyd Wright organized more than one hundred exhibitions of his own work. For Wright, exhibitions were as crucial to his self-presentation as his extensive writings. He used exhibitions to promote his designs, appeal to new viewers, and persuade his detractors. *Wright on Exhibit* presents the first history of this neglected aspect of the architect's influential career.

Drawing extensively from Wright's unpublished correspondence, Kathryn Smith challenges the preconceived notion of Wright as a self-promoter who displayed his work in search of money, clients, and fame. She shows how he was an artist-architect projecting an avant-garde program, an innovator who expanded the palette of installation design as technology evolved, and a social activist driven to revolutionize society through design. While Wright's earliest exhibitions were largely for other architects, by the 1930s he was creating public installations intended to inspire debate and change public perceptions about architecture. The nature of his exhibitions expanded with the times beyond models, drawings, and photographs to include more immersive tools such as slides, film, and even a full-scale structure built especially for his 1953 retrospective at the Guggenheim Museum. Placing Wright's exhibitions side by side with his writings, Smith shows how integral these exhibitions were to his vision and sheds light on the broader discourse concerning architecture and modernism during the first half of the twentieth century.

Wright on Exhibit features color renderings, photos, and plans, as well as a checklist of exhibitions and an illustrated catalog of extant and lost models made under Wright's supervision.

Kathryn Smith is an architectural historian who specializes in Frank Lloyd Wright. Her books include *Frank Lloyd Wright: American Master*; *Frank Lloyd Wright, Hollyhock House, and Olive Hill: Buildings and Projects for Aline Barnsdall*; and *Schindler House*. She lives in Santa Monica, California.

MAY

978-0-691-16722-0 **Cloth \$60.00**

288 pages. 57 color illus. 188 halftones. 9 1/2 x 10.

ARCHITECTURE

Face and Mask

A Double History

HANS BELTING

This fascinating book presents the first cultural history and anthropology of the face across centuries, continents, and media. Ranging from funerary masks and masks in drama to the figural work of contemporary artists including Cindy Sherman and Nam June Paik, renowned art historian Hans Belting emphasizes that while the face plays a critical role in human communication, it defies attempts at visual representation.

Belting divides his book into three parts: faces as masks of the self, portraiture as a constantly evolving mask in Western culture, and the fate of the face in the age of mass media. Referencing a vast array of sources, Belting's insights draw on art history, philosophy, theories of visual culture, and cognitive science. He demonstrates that Western efforts to portray the face have repeatedly failed, even with the developments of new media such as photography and film, which promise ever-greater degrees of verisimilitude. In spite of sitting at the heart of human expression, the face resists possession, and creative endeavors to capture it inevitably result in masks—hollow signifiers of the humanity they're meant to embody.

From creations by Van Eyck and August Sander to works by Francis Bacon, Ingmar Bergman, and Chuck Close, *Face and Mask* takes a remarkable look at how, through the centuries, the physical visage has inspired and evaded artistic interpretation.

Hans Belting has held chairs in art history at the universities of Heidelberg and Munich and has been a visiting professor at Harvard, Columbia, and Northwestern. He also cofounded and taught at the School for New Media in Karlsruhe, Germany. His many books include *An Anthropology of Images* (Princeton), *Florence and Baghdad: Renaissance Art and Arab Science*, *Looking through Duchamp's Door*, *The Invisible Masterpiece*, and *Art History after Modernism*.

APRIL

978-0-691-16235-5 **Cloth \$45.00T**

288 pages. 53 color illus. 51 halftones. 6 ½ x 9 ½.

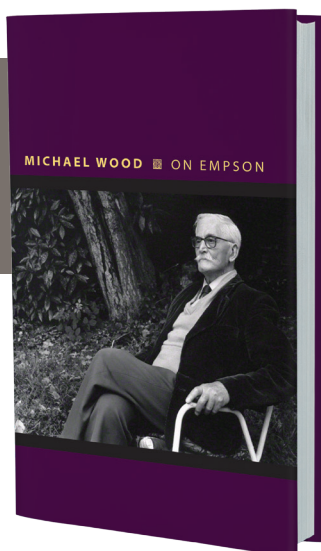
ART | ANTHROPOLOGY



A cultural history of the face in Western art, ranging from portraiture in painting and photography to film, theater, and mass media

“Vertiginously wide-ranging and endlessly thought-provoking, *Face and Mask* represents a decade of work by arguably Germany’s most internationally recognized art historian and media theorist. A book that will have a major impact, it will be read by art historians of course, but will also appeal to scholars in many other disciplines and general readers interested in its many subjects, including ancient art, European paintings, icons, death masks, photography, mug shots, film, and theater.”

—Elizabeth Otto, University of Buffalo



On Empson

MICHAEL WOOD

Are literary critics *writers*? As Michael Wood says, “Not all critics are writers—perhaps most of them are not—and some of them are better when they don’t try to be.” The British critic and poet William Empson (1906–84), one of the most important and influential critics of the twentieth century, was an exception—a critic who was not only a writer but also a great one. In this brief book, Wood, himself one of the most gifted writers among contemporary critics, explores Empson as a writer, a distinguished poet whose criticism is a brilliant literary performance—and proof that the act of reading can be an unforgettable adventure.

Drawing out the singularity and strength of Empson’s writing, including its unfailing wit, Wood traces the connections between Empson’s poetry and criticism from his first and best-known critical works, *Seven Types of Ambiguity* and *Some Versions of Pastoral*, to later books such as *Milton’s God* and *The Structure of Complex Words*. Wood shows why this pioneer of close reading was both more and less than the inventor of New Criticism—more because he was the greatest English critic since Coleridge, and didn’t belong to any school; and less because he had severe differences with many contemporary critics, especially those who dismissed the importance of an author’s intentions.

Beautifully written and rich with insight, *On Empson* is an elegant introduction to a unique writer for whom literature was a nonstop form of living.

Michael Wood is professor emeritus of comparative literature at Princeton University and the author of many books, including *Yeats and Violence*, *Alfred Hitchcock: The Man Who Knew Too Much*, and *The Magician’s Doubts: Nabokov and the Risks of Fiction* (Princeton). He is a regular contributor to the *New York Review of Books* and the *London Review of Books*. He lives in Princeton.

MARCH

978-0-691-16376-5 **Cloth \$22.95T**

184 pages. 4 ½ x 7.

Writers on Writers

LITERATURE

From one of today’s most distinguished critics, a beautifully written exploration of one of the twentieth century’s most important literary critics

“*On Empson* is a work of learning, reflection, grace, and wit. It will be the go-to volume for anyone who wants to get a sense of William Empson’s career and why it matters. Michael Wood celebrates Empson as a writer and a thinker, deftly showing how his prose and poetry join in a single enterprise. Those coming new to the work will find this an invaluable guide; and already confirmed admirers will delight in Wood’s deft and subtle account of one of the great literary figures of the modern period.”
—Seamus Perry, University of Oxford

The Sorcerer's Apprentice

An Anthology of Magical Tales

EDITED BY JACK ZIPES

Illustrated by Natalie Frank

"The Sorcerer's Apprentice" might conjure up images of Mickey Mouse from the Disney film *Fantasia*, or of Harry Potter. As this anthology reveals, however, "sorcerer's apprentice" tales—in which a young person rebels against, or complies with, an authority who holds the keys to magical powers—have been told through the centuries, in many languages and cultures, from classical times to today. This unique and beautifully illustrated book brings together more than seventy sorcerer's apprentice stories by a plethora of writers, including Ovid, Sir Walter Scott, and the Brothers Grimm. From Goethe's "The Pupil in Magic" to A. K. Ramanujan's "The Guru and His Disciple," this expansive collection presents variations of a classic passed down through countries and eras.

Readers enter worlds where household objects are brought to life and shape-shifting occurs from human to animal and back again. We meet two types of apprentice: "The Humiliated Apprentice," a foolish bumbler who wields magic ineffectively and promotes obedience to authority; and "The Rebellious Apprentice" who, through ambition and transformative skills, promotes empowerment and self-awareness. In an extensive introduction, esteemed fairy-tale scholar Jack Zipes discusses the significance and meaning of the apprentice stories, the contradictions in popular retellings, and the importance of magic as a tool of resistance against figures who abuse their authority. Twenty specially commissioned black-and-white illustrations by noted artist Natalie Frank bring the stories to visual life.

The Sorcerer's Apprentice enlightens and entertains readers with enduring, spellbinding tales of sorcery that have been with us through the ages.

Jack Zipes is the editor and translator of *The Original Folk and Fairy Tales of the Brothers Grimm* (Princeton) and the editor of *The Great Fairy Tale Tradition* (Norton). **Natalie Frank** is an American artist based in New York City. Her work is held in multiple museum collections, including the Whitney Museum of American Art.

APRIL

978-0-691-17265-1 **Cloth \$35.00**
442 pages. 20 halftones. 6 x 9.

LITERATURE | FOLKLORE

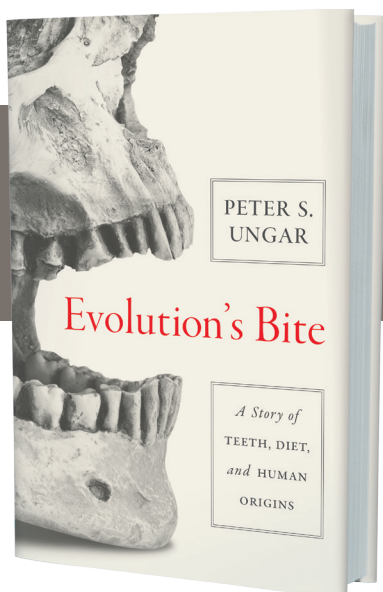
PRESS.PRINCETON.EDU



A diverse new anthology that traces the meaning and magic of the sorcerer's apprentice tale throughout history

"Jack Zipes has always been a kind of sorcerer himself, skilled in discovering, transforming, translating, and understanding the old tales of magic that appear in different but similar forms all over the world. This is a wonderful collection."

—Alison Lurie, author of *Don't Tell the Grown-Ups: The Subversive Power of Children's Literature*



What teeth can teach us about the evolution of the human species

“This impressive book serves as a window into human history through the lens of teeth and diet. Ungar’s seamless narrative brings bits of bone and teeth to life, and does so against a vivid backdrop in which paleoanthropologists arrive at their conclusions about why, how, and what we eat. This book is a pleasure to read—Ungar has that rare gift of engaging us through personal insight while simultaneously explaining complex scientific principles.”

—Joanna E. Lambert, University of Colorado, Boulder

Evolution's Bite

A Story of Teeth, Diet, and Human Origins

PETER S. UNGAR

Whether we realize it or not, we carry in our mouths the legacy of our evolution. Our teeth are like living fossils that can be studied and compared to those of our ancestors to teach us how we became human. In *Evolution's Bite*, noted paleoanthropologist Peter Ungar brings together for the first time cutting-edge advances in understanding human evolution and climate change with new approaches to uncovering dietary clues from fossil teeth to present a remarkable investigation into the ways that teeth—their shape, chemistry, and wear—reveal how we came to be.

Ungar describes how a tooth’s “foodprints”—distinctive patterns of microscopic wear and tear—provide telltale details about what an animal actually ate in the past. These clues, combined with groundbreaking research in paleoclimatology, demonstrate how a changing climate altered the food options available to our ancestors, what Ungar calls the biospheric buffet. When diets change, species change, and Ungar traces how diet and an unpredictable climate determined who among our ancestors was winnowed out and who survived, as well as why we transitioned from the role of forager to farmer. By sifting through the evidence—and the scars on our teeth—Ungar makes the important case for what might or might not be the most natural diet for humans.

Traveling the four corners of the globe and combining scientific breakthroughs with vivid narrative, *Evolution's Bite* presents a unique dental perspective on our astonishing human development.

Peter S. Ungar is Distinguished Professor and director of the Environmental Dynamics Program at the University of Arkansas. He is the author of *Teeth: A Very Short Introduction* and *Mammal Teeth: Origin, Evolution, and Diversity* and the editor of *Evolution of the Human Diet: The Known, the Unknown, and the Unknowable*. He lives in Fayetteville, Arkansas.

MAY

978-0-691-16053-5 **Cloth \$29.95T**
280 pages. 25 line illus. 6 x 9.

POPULAR SCIENCE | BIOLOGY

Monarchs and Milkweed

A Migrating Butterfly, a Poisonous Plant, and Their Remarkable Story of Coevolution

ANURAG AGRAWAL

Monarch butterflies are one of nature's most recognizable creatures, known for their bright colors and epic annual migration from the United States and Canada to Mexico. Yet there is much more to the monarch than its distinctive presence and mythic journeying. In *Monarchs and Milkweed*, Anurag Agrawal presents a vivid investigation into how the monarch butterfly has evolved closely alongside the milkweed—a toxic plant named for the sticky white substance emitted when its leaves are damaged—and how this inextricable and intimate relationship has been like an arms race over the millennia, a battle of exploitation and defense between two fascinating species.

The monarch life cycle begins each spring when it deposits eggs on milkweed leaves. But this dependency of monarchs on milkweeds as food is not reciprocated, and milkweeds do all they can to poison or thwart the young monarchs. Agrawal delves into major scientific discoveries, including his own pioneering research, and traces how plant poisons have not only shaped monarch-milkweed interactions but have also been culturally important for centuries. Agrawal presents current ideas regarding the recent decline in monarch populations, including habitat destruction, increased winter storms, and lack of milkweed—the last one a theory that the author rejects. He evaluates the current sustainability of monarchs and reveals a novel explanation for their plummeting numbers.

Lavishly illustrated with more than eighty color photos and images, *Monarchs and Milkweed* takes readers on an unforgettable exploration of one of nature's most important and sophisticated evolutionary relationships.

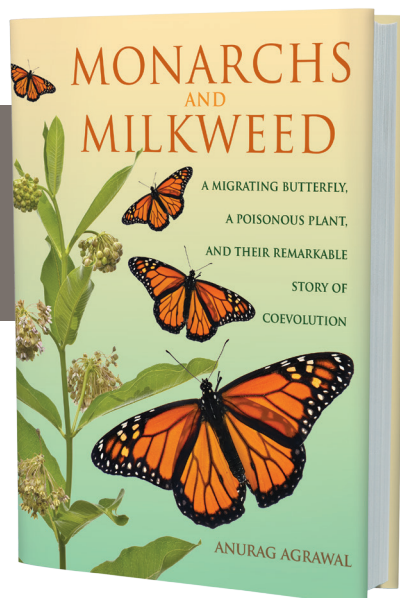
Anurag Agrawal is a professor in the Department of Ecology and Evolutionary Biology and the Department of Entomology at Cornell University. He lives in Ithaca, New York.

APRIL

978-0-691-16635-3 **Cloth \$29.95T**

296 pages. 37 color illus. 35 line illus. 7 x 9.

POPULAR SCIENCE | NATURAL HISTORY

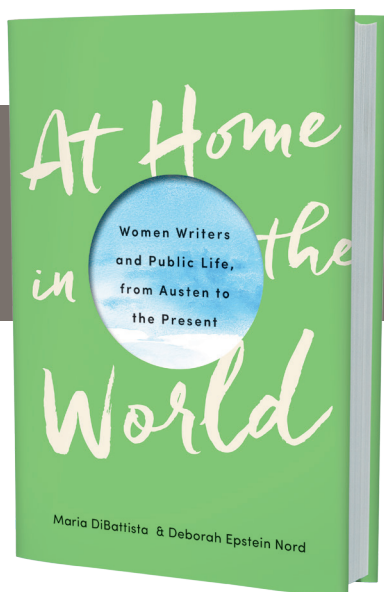


The fascinating and complex evolutionary relationship of the monarch butterfly and the milkweed plant

“Monarch butterflies are a familiar sight, but they have a hidden life of astonishing, beautiful complexity. In *Monarchs and Milkweed*, Anurag Agrawal offers an unprecedented tour of the lives of these insects, based on cutting-edge research into their evolution.”

—Carl Zimmer, coauthor of *Evolution: Making Sense of Life*

NATIONAL AUTHOR TOUR



At Home in the World

Women Writers and Public Life, from Austen to the Present

MARIA DiBATTISTA & DEBORAH EPSTEIN NORD

A bold new literary history that says women's writing is defined less by domestic concerns than by an engagement with public life

"An ambitious and engaging literary history, *At Home in the World* paints an exhilarating panorama of British, American, and postcolonial women writers' interventions in public debates on an array of important issues. With its clear, lively style, this magisterial account will be welcomed by scholars, critics, and discerning readers of writers from Jane Austen to Edwidge Danticat."

—Christine Froula, Northwestern University

In a bold and sweeping reevaluation of the past two centuries of women's writing, *At Home in the World* argues that this body of work has been defined less by domestic concerns than by an active engagement with the most pressing issues of public life: from class and religious divisions, slavery, warfare, and labor unrest to democracy, tyranny, globalism, and the clash of cultures. In this new literary history, Maria DiBattista and Deborah Epstein Nord contend that even the most seemingly traditional works by British, American, and other English-language women writers redefine the domestic sphere in ways that incorporate the concerns of public life, allowing characters and authors alike to forge new, emancipatory narratives.

The book explores works by a wide range of writers, including canonical figures such as Jane Austen, Charlotte Brontë, George Eliot, Harriet Jacobs, Edith Wharton, Virginia Woolf, Willa Cather, Gertrude Stein, and Toni Morrison; neglected or marginalized writers like Mary Antin, Tess Slesinger, and Martha Gellhorn; and recent and contemporary figures, including Nadine Gordimer, Anita Desai, Edwidge Danticat, and Jhumpa Lahiri. DiBattista and Nord show how these writers dramatize tensions between home and the wider world through recurrent themes of sailing forth, escape, exploration, dissent, and emigration. Throughout, the book uncovers the undervalued public concerns of women writers who ventured into ever-wider geographical, cultural, and political territories, forging new definitions of what it means to create a home in the world.

The result is an enlightening reinterpretation of women's writing from the early nineteenth century to the present day.

Maria DiBattista is the Charles Barnwell Straut Class of 1923 Professor of English at Princeton University. Her books include *Novel Characters* and *Imagining Virginia Woolf* (Princeton). **Deborah Epstein Nord** is the Woodrow Wilson Professor of Literature at Princeton. Her books include *Gypsies and the British Imagination, 1807–1930* and *Walking the Victorian Streets*.

MARCH

978-0-691-13811-4 **Cloth \$29.95T**

296 pages. 6 x 9.

LITERATURE | WOMEN'S STUDIES

Kierkegaard's Muse

The Mystery of Regine Olsen

JOAKIM GARFF

Kierkegaard's Muse, the first biography of Regine Olsen (1822–1904), the literary inspiration and one-time fiancée of Danish philosopher Søren Kierkegaard, is a moving portrait of a long romantic fever that had momentous literary consequences. Drawing on more than one hundred previously unknown letters by Regine that acclaimed Kierkegaard biographer Joakim Garff discovered by chance, the book tells the story of Kierkegaard and Regine's mysterious relationship more fully and vividly than ever before, shedding new light on her influence on his life and writings.

Like Dante's Beatrice, Regine is one of the great muses of literary history. Kierkegaard proposed to her in 1840, but broke off the engagement a year later. After their break, they saw each other strikingly often, inside dimly lit churches, on the streets of Copenhagen, and on the paths along the old city ramparts, passing by without uttering a word.

Despite or because of their separation in life, Kierkegaard made Regine his literary life companion, "that single individual" to whom he dedicated all his works. Garff shows how Regine became a poetic presence in the frequent erotic conflicts found throughout Kierkegaard's writings, from the famous "Seducer's Diary" account of their relationship to diary entries made shortly before his death in 1855. In turn, Regine remained preoccupied with Kierkegaard until her own death almost fifty years later, and her newly discovered letters, written to her sister Cornelia, reveal for the first time a woman of flesh and blood.

A psychologically acute narrative that is as gripping as a novel, *Kierkegaard's Muse* is an unforgettable account of a wild, strange, and poignant romance that made an indelible mark on literary history.

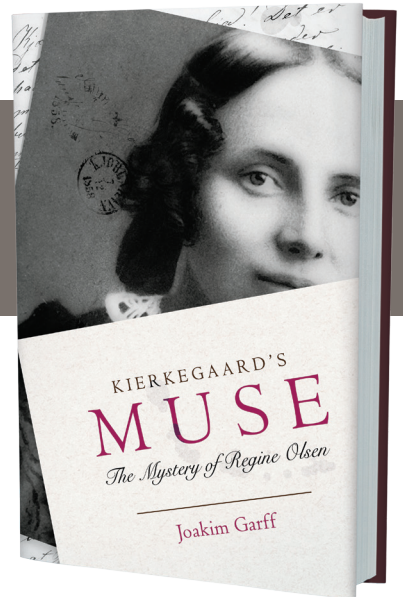
Joakim Garff is the author of the acclaimed *Søren Kierkegaard: A Biography* (Princeton), which has been translated into many languages. He is associate professor at the Søren Kierkegaard Research Centre at the University of Copenhagen and coeditor of a project to publish definitive new Danish-language editions of all of Kierkegaard's writings. He lives in Copenhagen.

JUNE

978-0-691-17176-0 Cloth \$32.95T
350 pages. 50 halftones. 6 x 9.

BIOGRAPHY | PHILOSOPHY

PRESS.PRINCETON.EDU

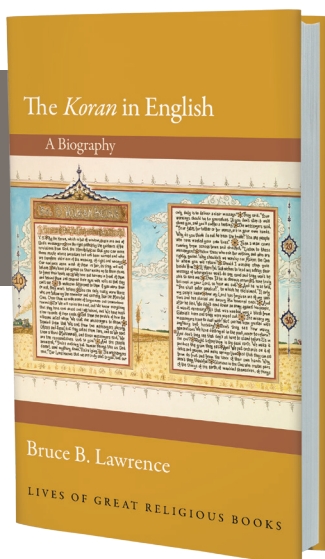


The first biography of Kierkegaard's literary muse and one-time fiancée, from the author of the definitive biography of the philosopher

Praise for the Danish edition:

"The book is a moving, penetrating insight into one of the greatest and most perplexing love stories in literary history, written with the same scholarly vigilance and imaginative affection that made Garff's biography of Kierkegaard such a monumental achievement. Garff's new book is the first to render its particular kind of attention to Regine, and it goes further than any previous attempt to explore and understand the relationship between Regine and Kierkegaard."

—Morten Høi Jensen, *Los Angeles Review of Books*



The untold story of how the Arabic Qur'an became the English Koran

"This is an excellent book—and with recent interest in the *Qur'an* both positive and negative, the time is right for it."
—Amir Hussain, coeditor of *A Concise Introduction to World Religions*

The *Koran* in English

A Biography

BRUCE B. LAWRENCE

For millions of Muslims, the *Qur'an* is sacred only in Arabic, the original Arabic in which it was revealed to the Prophet Muhammad in the seventh century; to many Arab and non-Arab believers alike, the book literally defies translation. Yet English translations exist and are growing, in both number and importance. Bruce Lawrence tells the remarkable story of the ongoing struggle to render the *Qur'an's* lyrical verses into English—and to make English itself an Islamic language.

The "Koran" in English revisits the life of Muhammad and the origins of the *Qur'an* before recounting the first translation of the book into Latin by a non-Muslim: Robert of Ketton's twelfth-century version paved the way for later ones in German and French, but it was not until the eighteenth century that George Sale's influential English version appeared. Lawrence explains how many of these early translations, while part of a Christian agenda to "know the enemy," often revealed grudging respect for their Abrahamic rival. British expansion in the modern era produced an anomaly: fresh English translations—from the original Arabic—not by Arabs or non-Muslims but by South Asian Muslim scholars.

The first book to explore the complexities of this translation saga, *The "Koran" in English* also looks at cyber *Korans*, versions by feminist translators, and now a graphic *Koran*, the *American Qur'an* created by the acclaimed visual artist Sandow Birk.

Bruce B. Lawrence is the Nancy and Jeffrey Marcus Humanities Professor Emeritus of Religion at Duke University. His many books include *Who Is Allah?*, *New Faiths, Old Fears: Muslims and Other Asian Immigrants in American Religious Life*, and *Shattering the Myth: Islam beyond Violence* (Princeton). He lives in Hillsborough, North Carolina.

JUNE

978-0-691-15558-6 **Cloth \$26.95**
264 pages. 14 halftones. 4 ½ x 7 ½.

Lives of Great Religious Books

RELIGION | MIDDLE EAST STUDIES

The Story of Hebrew

LEWIS GLINERT

This book explores the extraordinary hold that Hebrew has had on Jews and Christians, who have invested it with a symbolic power far beyond that of any other language in history. Preserved by the Jews across two millennia, Hebrew endured long after it ceased to be a mother tongue, resulting in one of the most intense textual cultures ever known. It was a bridge to Greek and Arab science. It unlocked the biblical sources for Jerome and the Reformation. Kabbalists and humanists sought philosophical truth in it, and Colonial Americans used it to shape their own Israelite political identity. Today, it is the first language of millions of Israelis.

The Story of Hebrew takes readers from the opening verses of Genesis—which seemingly describe the creation of Hebrew itself—to the reincarnation of Hebrew as the everyday language of the Jewish state. Lewis Glinert explains the uses and meanings of Hebrew in ancient Israel and its role as a medium for wisdom and prayer. He describes the early rabbis' preservation of Hebrew following the Babylonian exile, the challenges posed by Arabic, and the prolific use of Hebrew in Diaspora art, spirituality, and science. Glinert looks at the conflicted relationship Christians had with Hebrew from the Renaissance to the Counter-Reformation, the language's fatal rivalry with Yiddish, the dreamers and schemers that made modern Hebrew a reality, and how a lost pre-Holocaust textual ethos is being renewed today by Orthodox Jews.

A major work of scholarship, *The Story of Hebrew* is an unforgettable account of what one language has meant to those possessing it.

Lewis Glinert is Professor of Hebrew Studies at Dartmouth College, where he is also affiliated with the Program in Linguistics. His books include *The Grammar of Modern Hebrew* and *The Joys of Hebrew*.

MARCH

978-0-691-15329-2 **Cloth \$27.95T**

288 pages. 34 line illus. 2 tables. 5 ½ x 8 ½.

Library of Jewish Ideas

Cosponsored by the Tikvah Fund

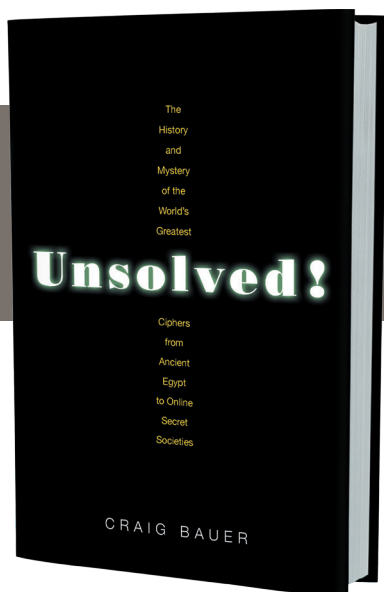
RELIGION | JEWISH STUDIES



A unique history of the Hebrew language from biblical times to the modern Jewish state

“Superb. *The Story of Hebrew* is a wonderful book—elegantly written, meticulously researched, and exciting to read. A magnificent study.”

—Curt Leviant, author of the novels *King of Yiddish* and *Kafka's Son*



Unsolved!

The History and Mystery of the World's Greatest Ciphers from Ancient Egypt to Online Secret Societies

CRAIG BAUER

A mathematical tour of some of the greatest unsolved ciphers of all time

"Exceptional. Not only are these ciphers fascinating individually, but together they provide a comprehensive picture of the different methods and types of encryption, which Bauer explains and guides readers through in turn. I thoroughly enjoyed this book."

—Todd S. Sauter, National Cryptologic Museum

In 1953, a man was found dead from cyanide poisoning near the Philadelphia airport with a picture of a Nazi aircraft in his wallet. Taped to his abdomen was an enciphered message. In 1912, a book dealer named Wilfrid Voynich came into possession of an illuminated cipher manuscript once belonging to Emperor Rudolf II, who was obsessed with alchemy and the occult. Wartime codebreakers tried—and failed—to unlock the book's secrets, and it remains an enigma to this day. In this lively and entertaining book, Craig Bauer examines these and other vexing ciphers yet to be cracked. Some may reveal the identity of a spy or serial killer, provide the location of buried treasure, or expose a secret society—while others may be elaborate hoaxes.

Unsolved! begins by explaining the basics of cryptology, and then explores the history behind an array of unsolved ciphers. It looks at ancient ciphers, ciphers created by artists and composers, ciphers left by killers and victims, Cold War ciphers, and many others. Some are infamous, like the ciphers in the Zodiac letters, while others were created purely as intellectual challenges by figures such as Nobel Prize-winning physicist Richard P. Feynman. Bauer lays out the evidence surrounding each cipher, describes the efforts of geniuses and eccentrics—in some cases both—to decipher it, and invites readers to try their hand at puzzles that have stymied so many others.

Unsolved! takes readers from the ancient world to the digital age, providing an amazing tour of many of history's greatest unsolved ciphers.

Craig Bauer is associate professor of mathematics at York College of Pennsylvania. He is editor in chief of the journal *Cryptologia*, has served as a scholar in residence at the NSA's Center for Cryptologic History, and is the author of *Secret History: The Story of Cryptology*. He lives in York, Pennsylvania.

JUNE

978-0-691-16767-1 **Cloth \$35.00T**

600 pages. 222 halftones. 8 line illus. 17 tables. 6 x 9.

COMPUTER SCIENCE | POPULAR MATHEMATICS

Finding Fibonacci

The Quest to Rediscover the Forgotten Mathematical Genius Who Changed the World

KEITH DEVLIN

In 2000, Keith Devlin set out to research the life and legacy of the medieval mathematician Leonardo of Pisa, popularly known as Fibonacci, whose book *Liber abbaci* has quite literally affected the lives of everyone alive today. Although he is most famous for the Fibonacci numbers—which, it so happens, he didn’t invent—Fibonacci’s greatest contribution was as an expositor of mathematical ideas at a level ordinary people could understand. In 1202, *Liber abbaci*—the “Book of Calculation”—introduced modern arithmetic to the Western world. Yet Fibonacci was long forgotten after his death, and it was not until the 1960s that his true achievements were finally recognized.

Finding Fibonacci is Devlin’s compelling firsthand account of his ten-year quest to tell Fibonacci’s story. Devlin, a math expositor himself, kept a diary of the undertaking, which he draws on here to describe the project’s highs and lows, its false starts and disappointments, the tragedies and unexpected turns, some hilarious episodes, and the occasional lucky breaks. You will also meet the unique individuals Devlin met along the way, people who, each for their own reasons, became fascinated by Fibonacci, from the Yale professor who traced modern finance back to Fibonacci to the Italian historian who made the crucial archival discovery that brought together all the threads of Fibonacci’s astonishing story.

Fibonacci helped to revive the West as the cradle of science, technology, and commerce, yet he vanished from the pages of history. This is Devlin’s search to find him.

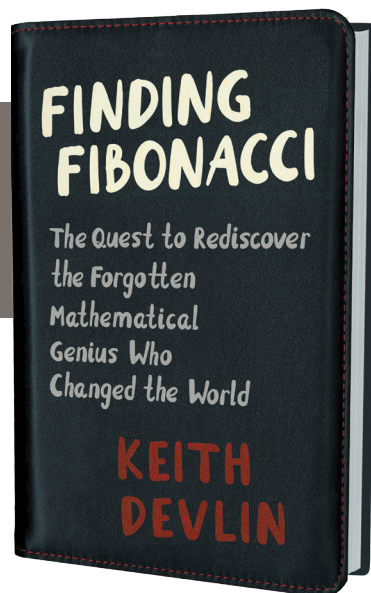
Keith Devlin is a mathematician at Stanford University and cofounder and president of BrainQuake, an educational technology company that creates mathematics learning video games. His many books include *The Unfinished Game: Pascal, Fermat, and the Seventeenth-Century Letter That Made the World Modern*. He is “the Math Guy” on National Public Radio. He lives in Palo Alto, California.

APRIL

978-0-691-17486-0 Cloth \$29.95T

296 pages. 22 halftones. 5 ½ x 8 ½.

POPULAR MATHEMATICS

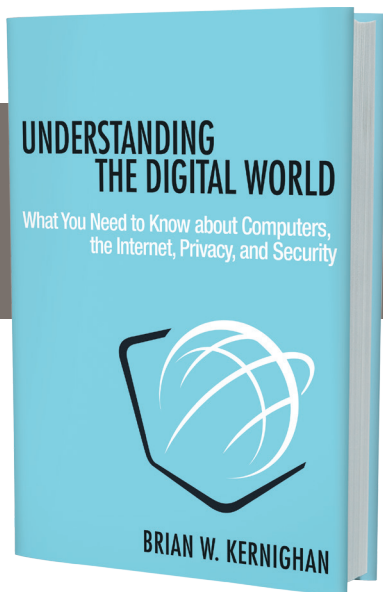


A compelling firsthand account of Devlin’s ten-year quest to tell Fibonacci’s story

“Lovers of history, travel, and mathematics alike will relish this journey through time to ancient worlds, as master expositor Keith Devlin navigates Italy to uncover the beginnings of modern math. Fascinating!”

—Danica McKellar, *New York Times* bestselling author of *Math Doesn’t Suck*

NATIONAL AUTHOR TOUR



The basics of how computer hardware, software, and systems work, and the risks they create for our privacy and security

"This is the clearest and simplest explanation of the world we now all depend on—how it works and why it does what it does—from one of our best-known inventors. Everyone on Earth needs to read it."
—Eric Schmidt, executive chairman of Alphabet Inc. and Google

Understanding the Digital World

What You Need to Know about Computers, the Internet, Privacy, and Security

BRIAN W. KERNIGHAN

Computers are everywhere. Some of them are highly visible, in laptops, tablets, cell phones, and smart watches. But most are invisible, like those in appliances, cars, medical equipment, transportation systems, power grids, and weapons. We never see the myriad computers that quietly collect, share, and sometimes leak vast amounts of personal data about us. Through computers, governments and companies monitor more and more of what we do. Social networks and advertisers know far more about us than we should be comfortable with, using information we freely give them. Criminals have all-too-easy access to our data. Do we truly understand the power of computers in our world?

Understanding the Digital World explains how computer hardware, software, networks, and systems work. Topics include how computers are built and how they compute; what programming is and why it is difficult; how the Internet and the web operate; and how all of these affect our security, privacy, property, and other important social, political, and economic issues. This book also touches on fundamental ideas from computer science and some of the inherent limitations of computers. It includes numerous color illustrations, notes on sources for further exploration, and a glossary to explain technical terms and buzzwords.

Understanding the Digital World is a must-read for all who want to know more about computers and communications. It explains, precisely and carefully, not only how they operate but also how they influence our daily lives, in terms anyone can understand, no matter what their experience and knowledge of technology.

Brian W. Kernighan is a professor in the Department of Computer Science at Princeton University. He is the coauthor of ten other books, including the computing classic *The C Programming Language* (Prentice Hall). He lives in Princeton, New Jersey.

MARCH

978-0-691-17654-3 **Cloth \$22.95T**

256 pages. 38 color illus. 51 line illus. 7 x 10.

POPULAR SCIENCE | COMPUTER SCIENCE

The Calculus of Happiness

How a Mathematical Approach to Life Adds Up to Health, Wealth, and Love

OSCAR E. FERNANDEZ

What's the best diet for overall health and weight management? How can we change our finances to retire earlier? How can we maximize our chances of finding our soul mate?

In *The Calculus of Happiness*, Oscar Fernandez shows us that math yields powerful insights into health, wealth, and love. Using only high-school-level math (precalculus with a dash of calculus), Fernandez guides us through several of the surprising results, including an easy rule of thumb for choosing foods that lower our risk for developing diabetes (and that help us lose weight too), simple “all-weather” investment portfolios with great returns, and math-backed strategies for retiring earlier and finding our soul mate. Moreover, the important formulas are linked to a dozen free online interactive calculators on Fernandez’s website, allowing one to personalize the equations.

Fernandez uses everyday experiences—such as visiting a coffee shop—to provide context for his mathematical insights, making the math discussed more accessible, real-world, and relevant to our daily lives. Every chapter ends with a summary of essential lessons and takeaways, and for advanced math fans, Fernandez includes the mathematical derivations in the appendices.

A nutrition, personal finance, and relationship how-to guide all in one, *The Calculus of Happiness* invites you to discover how empowering mathematics can be.

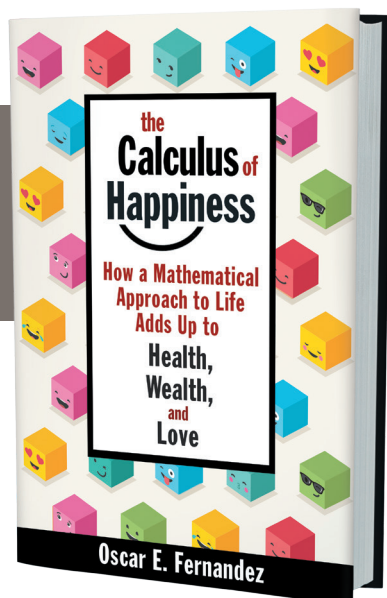
Oscar E. Fernandez is assistant professor of mathematics at Wellesley College and the author of *Everyday Calculus: Discovering the Hidden Math All around Us* (see page 86). He also writes about mathematics for the *Huffington Post* and on his website, surroundedbymath.com.

MAY

978-0-691-16863-0 **Cloth \$24.95T**

168 pages. 1 halftone. 13 line illus. 14 tables. 6 x 9.

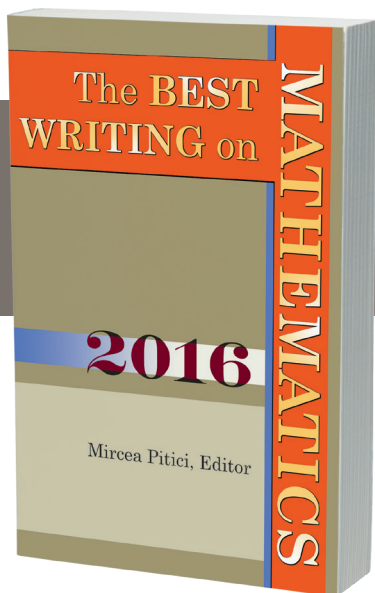
POPULAR MATHEMATICS



How math holds the keys to improving one's health, wealth, and love life

“I absolutely love this book. The mathematics described is beautiful and accessible and, most important of all, truly meaningful and relevant.”

—James Tanton, author of *Without Words: Mathematical Puzzles to Confound and Delight*



The year's finest mathematics writing from around the world

Praise for previous editions:

"A volume of unexpectedly fascinating mathematical research, musings, and studies that explore subjects from art to medicine. . . . [R]eaders from many disciplines will find much to pique their interest."

—*Publishers Weekly*

"Entertaining and informative."
—Ian D. Gordon, *Library Journal*

The Best Writing on Mathematics 2016

EDITED BY MIRCEA PITICI

This annual anthology brings together the year's finest mathematics writing from around the world. Featuring promising new voices alongside some of the foremost names in the field, *The Best Writing on Mathematics 2016* makes available to a wide audience many articles not easily found anywhere else—and you don't need to be a mathematician to enjoy them. These writings offer surprising insights into the nature, meaning, and practice of mathematics today. They delve into the history, philosophy, teaching, and everyday occurrences of math, and take readers behind the scenes of today's hottest mathematical debates.

Here Burkard Polster shows how to invent your own variants of the Spot It! card game, Steven Strogatz presents young Albert Einstein's proof of the Pythagorean Theorem, Joseph Dauben and Marjorie Senechal find a treasure trove of math in New York's Metropolitan Museum of Art, and Andrew Gelman explains why much scientific research based on statistical testing is spurious. In other essays, Brian Greene discusses the evolving assumptions of the physicists who developed the mathematical underpinnings of string theory, Jorge Almeida examines the misperceptions of people who attempt to predict lottery results, and Ian Stewart offers advice to authors who aspire to write successful math books for general readers. And there's much, much more.

In addition to presenting the year's most memorable writings on mathematics, this must-have anthology includes a bibliography of other notable writings and an introduction by the editor, Mircea Pitici. This book belongs on the shelf of anyone interested in where math has taken us—and where it is headed.

Mircea Pitici holds a PhD in mathematics education from Cornell University and is working on a master's degree in library and information science at Syracuse University. He has edited *The Best Writing on Mathematics* since 2010.

MARCH

978-0-691-17529-4 **Paper \$32.95T**

408 pages. 119 color illus. 12 halftones. 31 line illus. 2 tables. 5 ½ x 8 ½.

POPULAR MATHEMATICS

Power-Up

Unlocking the Hidden Mathematics in Video Games

MATTHEW LANE

Did you know that every time you pick up the controller to your PlayStation or Xbox, you are entering a game world steeped in mathematics? *Power-Up* reveals the hidden mathematics in many of today's most popular video games and explains why mathematical learning doesn't just happen in the classroom or from books—you're doing it without even realizing it when you play games on your cell phone.

In this lively and entertaining book, Matthew Lane discusses how gamers are engaging with the traveling salesman problem when they play *Assassin's Creed*, why it is mathematically impossible for Mario to jump through the Mushroom Kingdom in *Super Mario Bros.*, and how *The Sims* teaches us the mathematical costs of maintaining relationships. He looks at mathematical pursuit problems in classic games like *Missile Command* and *Ms. Pac-Man*, and how each time you play *Tetris*, you're grappling with one of the most famous unsolved problems in all of mathematics and computer science. Along the way, Lane discusses why *Family Feud* and Pictionary make for ho-hum video games, how realism in video games (or the lack of it) influences learning, what video games can teach us about the mathematics of voting, the mathematics of designing video games, and much more.

Power-Up shows how the world of video games is an unexpectedly rich medium for learning about the beautiful mathematical ideas that touch all aspects of our lives—including our virtual ones.

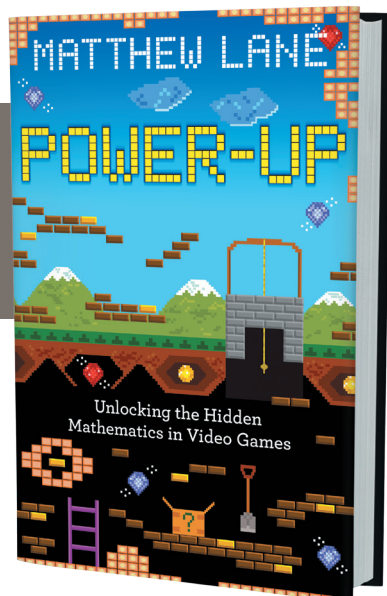
Matthew Lane is a mathematician and cofounder of Rithm, a school for aspiring web developers. He is also the creator of *Math Goes Pop!*, a blog that explores the interconnections between mathematics and popular culture. He lives in San Francisco.

JUNE

978-0-691-16151-8 Cloth \$29.95T

264 pages. 80 halftones. 50 line illus. 6 x 9.

POPULAR MATHEMATICS



A fun and lively look at the mathematical ideas concealed in video games

“What a delightful journey through the math of hidden worlds! This is much more than a book about video games. It's an exploration of interconnectedness and an invitation for the perpetually curious.”

—Karim Ani, founder of Mathalicious



I Hear My People Singing

Voices of African American Princeton

KATHRYN WATTERSON

With a foreword by Cornel West

I Hear My People Singing shines a light on a small but historic black neighborhood at the heart of one of the most elite and internationally renowned Ivy League towns—Princeton, New Jersey. The vivid first-person accounts of more than fifty black residents detail aspects of African American life throughout the twentieth century. Their stories show that the roots of Princeton's black community are as deeply intertwined with the town and university as they are with the history of the United States, the legacies of slavery, and the nation's current conversations on race.

Based on an oral history collaboration with residents of the Witherspoon-Jackson neighborhood and Princeton undergraduates and their professor, Kathryn Watterson, this book features African American residents' candid views about Jim Crow segregation, the mixed blessings of school integration, World Wars I and II, and civil rights struggles. Filled with an abundance of photographs, *I Hear My People Singing* personalizes the injustices faced by generations of black Princetonians and highlights their remarkable achievements.

Kathryn Watterson teaches in the creative writing program at the University of Pennsylvania.

MAY

978-0-691-17645-1 **Cloth \$29.95T**

304 pages. 75 halftones. 6 x 8.

AMERICAN HISTORY | AFRICAN AMERICAN STUDIES



Walk the Trails in and around Princeton

Revised to Include the Newest Trails

SOPHIE GLOVIER

This is an attractive, pocket-friendly guide to walks on sixteen of the best trails through preserved open space in Princeton, New Jersey, and its neighboring towns. This revised edition includes eight new walks, several of which have been created on land that has been preserved since the popular guide was originally published in 2009. The walks range from two to four miles, but many include suggestions for trail connections that allow you to extend your hike if you choose. The guide includes detailed color maps of the trails, directions on how to get to them and where to park, and recommendations for the most scenic routes. Each walk has been designed with a “reason to walk” in mind: a special boulder or waterfall to find, a bit of local history or a beautiful vista to enjoy. The guide is illustrated with specially commissioned color photographs, sixteen of which are featured on detachable postcards.

Sophie Glovier is an author and environmental advocate who is passionate about the preservation of open space and the importance of connecting people to nature.

APRIL

978-0-691-17526-3 **Ring-bound Paper \$19.95T**
68 pages. 52 color photos. 16 color maps. 4 x 8.

Distributed by Princeton University Press

HIKING GUIDES | NATURAL HISTORY

Cents and Sensibility

What Economics Can Learn from the Humanities

GARY SAUL MORSON & MORTON SCHAPIRO

Economists often act as if their methods explain all human behavior. But in *Cents and Sensibility*, an eminent literary critic and a leading economist make the case that the humanities, especially the study of literature, offer economists ways to make their models more realistic, their predictions more accurate, and their policies more effective and just.

Gary Saul Morson and Morton Schapiro trace the connection between Adam Smith's great classic, *The Wealth of Nations*, and his less celebrated book on ethics, and contend that a few decades later Jane Austen invented her groundbreaking method of novelistic narration in order to give life to the empathy that Smith believed essential to humanity.

Morson and Schapiro argue that Smith's heirs include Austen, Anton Chekhov, and Leo Tolstoy as well as John Maynard Keynes and Milton Friedman. Economists need a richer appreciation of behavior, ethics, culture, and narrative—all of which the great writers teach better than anyone.

Cents and Sensibility demonstrates the benefits of a freewheeling dialogue between economics and the humanities by addressing a wide range of problems drawn from the economics of higher education, the economics of the family, and the development of poor nations. It offers new insights about everything from the manipulation of college rankings to why some countries grow faster than others. At the same time, the book shows how looking at real-world problems can revitalize the study of literature itself.

Original, provocative, and inspiring, *Cents and Sensibility* brings economics back to its place in the human conversation.

Gary Saul Morson is the Lawrence B. Dumas Professor of the Arts and Humanities and professor of Slavic languages and literatures at Northwestern University. His many books include *Narrative and Freedom*, *"Anna Karenina" in Our Time*, and *The Words of Others: From Quotations to Culture*. **Morton Schapiro** is the president of Northwestern University and a professor of economics. His many books include *The Student Aid Game* (Princeton).

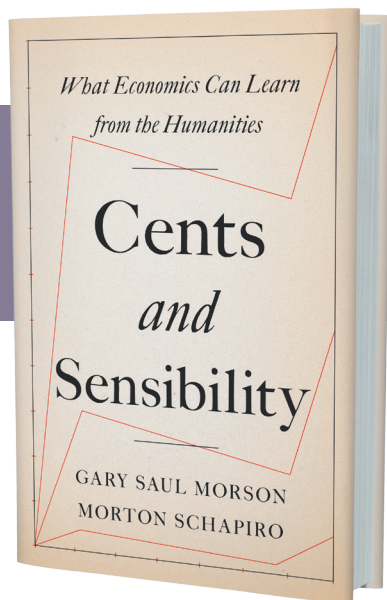
JUNE

978-0-691-17668-0 Cloth \$29.95S

344 pages. 5 ½ x 8 ½.

ECONOMICS | HIGHER EDUCATION

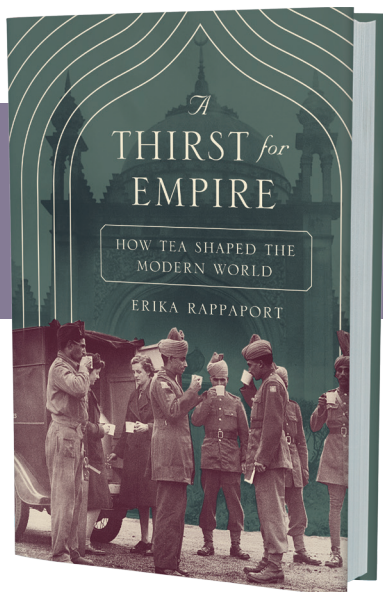
PRESS.PRINCETON.EDU



A provocative and inspiring case for a more humanistic economics

"*Cents and Sensibility* offers an exciting approach to invigorating teaching and research in economics, one that will be controversial in a good way. Rather than using a snippet from a movie or song to illustrate an economic point, Morson and Schapiro advocate extended immersion in deep works of art to improve economic decision making."

—Jonathan B. Wight, author of *Ethics in Economics*



How the global tea industry influenced the international economy and the rise of mass consumerism

“*A Thirst for Empire* is an appealing and wide-ranging new history of tea in the modern world, with a particular emphasis on imperial networks and the role played by marketing and advertising. Sitting at the intersection of imperial history, consumer culture, and the processes of globalization, this book speaks to readers interested in world history as well as those who love their tea.”
—Frank Trentmann, author of *Empire of Things*

A Thirst for Empire

How Tea Shaped the Modern World

ERIKA RAPPAPORT

Tea has been one of the most popular commodities in the world. Over centuries, profits from its growth and sales funded wars and fueled colonization, and its cultivation brought about massive changes—in land use, labor systems, market practices, and social hierarchies—the effects of which are with us even today. *A Thirst for Empire* takes a vast and in-depth historical look at how men and women—through the tea industry in Europe, Asia, North America, and Africa—transformed global tastes and habits and in the process created our modern consumer society.

As Erika Rappaport shows, between the seventeenth and twentieth centuries the boundaries of the tea industry and the British Empire overlapped but were never identical, and she highlights the economic, political, and cultural forces that enabled the British Empire to dominate—but never entirely control—the worldwide production, trade, and consumption of tea. Rappaport delves into how Europeans adopted, appropriated, and altered Chinese tea culture to build a widespread demand for tea in Britain and other global markets and a plantation-based economy in South Asia and Africa. Tea was among the earliest colonial industries in which merchants, planters, promoters, and retailers used imperial resources to pay for global advertising and political lobbying. The commercial model that tea inspired still exists and is vital for understanding how politics and publicity influence the international economy.

An expansive and original global history of imperial tea, *A Thirst for Empire* demonstrates the ways that this fluid and powerful enterprise helped shape the contemporary world.

Erika Rappaport is professor of history at the University of California, Santa Barbara. She is the author of *Shopping for Pleasure: Women in the Making of London's West End* (Princeton) and coeditor of *Consuming Behaviors: Identities, Politics and Pleasure in Twentieth Century Britain* (Bloomsbury).

AUGUST

978-0-691-16711-4 **Cloth \$39.50S**

672 pages. 53 halftones. 7 tables. 3 maps. 6 x 9.

WORLD HISTORY

Kanban

Traditional Shop Signs of Japan

ALAN SCOTT PATE

Kanban are the traditional signs Japanese merchants displayed on the street to advertise their presence, represent the products and services to be found inside their shops, and lend a sense of individuality to the shops themselves. Created from wood, bamboo, iron, paper, fabric, gold leaf, and lacquer, these unique objects evoke the frenetic market scenes of nineteenth- and twentieth-century Japan, where merchants created a multifaceted world of symbol and meaning designed to engage the viewer and entice the customer.

Kanban provides a tantalizing look at this distinctive fusion of art and commerce. This beautifully illustrated book traces the history of shop signs in Japan, examines how they were created, and explores some of the businesses and trades they advertised. Some kanban are elongated panels of lacquered wood painted with elegant calligraphy and striking images, while others are ornately carved representative sculptures of munificent deities or carp climbing waterfalls. There are oversized functional Buddhist prayer beads, and everyday objects such as tobacco pipes, shoes, combs, and writing brushes. The book also includes archival photographs of market life in “old Japan,” woodblock prints of bustling marketplaces, and images of the goods advertised with these intricate and beguiling objects.

Providing a look into a unique, handmade world, *Kanban* offers new insights into Japan’s commercial and artistic roots, the evolution of trade, the links between commerce and entertainment, and the emergence of mass consumer culture.

Alan Scott Pate is an independent scholar who has curated exhibits and written for many journals on Japanese handcrafts and antiques. He is the author of *Ningyō: The Art of the Japanese Doll* and *Japanese Dolls: The Fascinating World of Ningyō*.

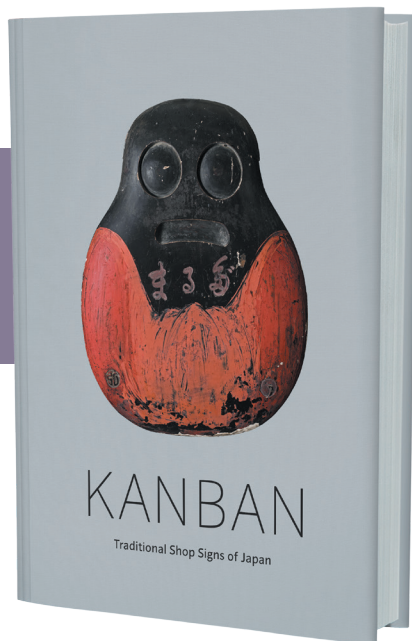
Published in association with Mingei International Museum, San Diego

APRIL

978-0-691-17647-5 **Cloth \$39.95S**

176 pages. 155 color illus. 9 ½ x 11 ¼.

ART | ASIAN STUDIES

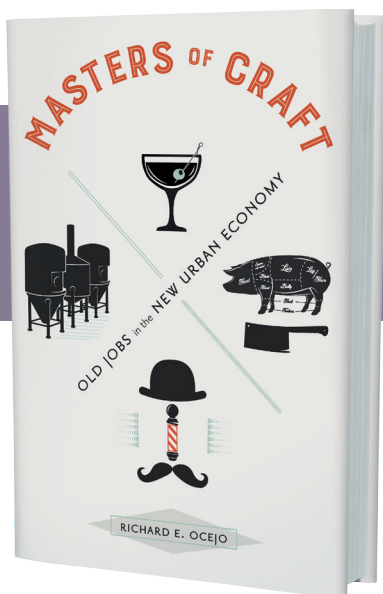


A glimpse into the markets, crafts, and signage of early modern Japan

“This engaging book adds significantly to our understanding of kanban in the context of their production and consumption, examining them through multiple lenses. Pate’s richly textured account will satisfy scholars interested in Japanese cultural history and folk art, and also has much to offer historians of graphic design and advertising.”
—Christine Guth, author of *Hokusai’s Great Wave: Biography of a Global Icon*

Exhibition schedule

Mingei International Museum, San Diego
April 15–October 15, 2017



Masters of Craft

Old Jobs in the New Urban Economy

RICHARD E. OCEJO

How educated and culturally savvy young people are transforming traditionally low-status manual labor jobs into elite taste-making occupations

"A wonderful contribution to the field.

Masters of Craft is an engaging and well-written addition to the emerging literature on aesthetic labor and the changing social meaning of jobs—particularly now in the postrecession era, when many manual labor jobs have disappeared. I truly enjoyed this book."

—Yasemin Besen-Cassino, author of
Consuming Work: Youth Labor in America

In today's new economy—in which "good" jobs are typically knowledge or technology based—many well-educated and culturally savvy young people are instead choosing to pursue traditionally low-status manual labor occupations as careers. *Masters of Craft* looks at the renaissance of four such trades: bartending, distilling, barbering, and butchering.

In this in-depth and engaging book, Richard Ocejo takes you into the lives and workplaces of these people to examine how they are transforming these once-undesirable jobs into "cool" and highly specialized upscale occupational niches—and in the process complicating our notions about upward and downward mobility through work. He shows how they find meaning in these jobs by enacting a set of "cultural repertoires," which include technical skills based on a renewed sense of craft and craftsmanship and an ability to understand and communicate that knowledge to others, resulting in a new form of elite taste-making. Ocejo describes the paths people take to these jobs, how they learn their chosen trades, how they imbue their work practices with craftsmanship, and how they teach a sense of taste to their consumers.

Focusing on cocktail bartenders, craft distillers, upscale men's barbers, and whole-animal butcher shop workers in Manhattan, Brooklyn, and upstate New York, *Masters of Craft* provides new insights into the stratification of taste, gentrification, and the evolving labor market in today's postindustrial city.

Richard E. Ocejo is associate professor of sociology at John Jay College of Criminal Justice, City University of New York. His books include *Upscaling Downtown: From Bowery Saloons to Cocktail Bars in New York City* (Princeton).

MAY

978-0-691-16549-3 **Cloth \$29.95S**

368 pages. 15 halftones. 6 x 9.

SOCIOLOGY | URBAN STUDIES

Darwin's Unfinished Symphony

How Culture Made the Human Mind

KEVIN N. LALAND

Humans possess an extraordinary capacity for cultural production, from the arts and language to science and technology. How did the human mind—and the uniquely human ability to devise and transmit culture—evolve from its roots in animal behavior? *Darwin's Unfinished Symphony* presents a captivating new theory of human cognitive evolution. This compelling and accessible book reveals how culture is not just the magnificent end product of an evolutionary process that produced a species unlike all others—it is also the key driving force behind that process.

Kevin Laland shows how the learned and socially transmitted activities of our ancestors shaped our intellects through accelerating cycles of evolutionary feedback. The truly unique characteristics of our species—such as our intelligence, language, teaching, and cooperation—are not adaptive responses to predators, disease, or other external conditions. Rather, humans are creatures of their own making. Drawing on his own groundbreaking research, and bringing it to life with vivid natural history, Laland explains how animals imitate, innovate, and have remarkable traditions of their own. He traces our rise from scavenger apes in prehistory to modern humans able to design iPhones, dance the tango, and send astronauts into space.

This book tells the story of the painstaking fieldwork, the key experiments, the false leads, and the stunning scientific breakthroughs that led to this new understanding of how culture transformed human evolution. It is the story of how Darwin's intellectual descendants picked up where he left off and took up the challenge of providing a scientific account of the evolution of the human mind.

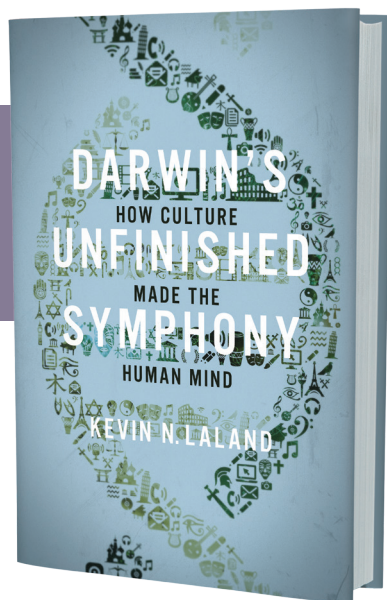
Kevin N. Laland is professor of behavioral and evolutionary biology at the University of St Andrews. His books include *Social Learning: An Introduction to Mechanisms, Methods, and Models* and *Niche Construction: The Neglected Process in Evolution* (both Princeton).

MARCH

978-0-691-15118-2 **Cloth \$35.00S**

480 pages. 11 halftones. 2 line illus. 6 x 9.

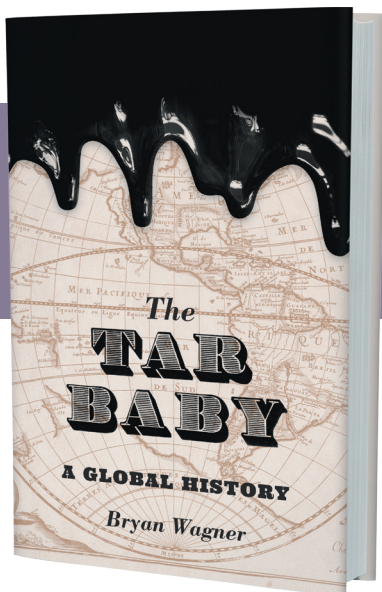
BIOLOGY | EVOLUTION



*How culture transformed
human evolution*

“Kevin Laland is one of the pioneers in the modern study of cultural evolution. *Darwin's Unfinished Symphony* draws on his large and important body of work, showing how culture—socially transmitted knowledge—is what has made humans so successful as a species.”

—Robert Boyd, coauthor of *Not by Genes Alone: How Culture Transformed Human Evolution*



The Tar Baby

A Global History

BRYAN WAGNER

A richly nuanced cultural history of an enigmatic and controversial folktale

“Superb scholarship with original, compelling interpretation. Wagner has brought the tar baby story under the light and into the vocabulary of current theory.”

—W. T. Lhamon, Jr., author of *Jump Jim Crow: Lost Plays, Lyrics, and Street Prose of the First Atlantic Popular Culture*

Perhaps the best-known version of the tar baby story was published in 1880 by Joel Chandler Harris in *Uncle Remus: His Songs and His Sayings*, and popularized in *Song of the South*, the 1946 Disney movie. Other versions of the story, however, have surfaced in many other places throughout the world, including Nigeria, Brazil, Corsica, Jamaica, India, and the Philippines. *The Tar Baby* offers a fresh analysis of this deceptively simple story about a fox, a rabbit, and a doll made of tar and turpentine, tracing its history and its connections to slavery, colonialism, and global trade.

Bryan Wagner explores how the tar baby story, thought to have originated in Africa, came to exist in hundreds of forms on five continents. Examining its variation, reception, and dispersal over time, he argues that the story is best understood not merely as a folktale but as a collective work in political philosophy. Circulating at the same time and in the same places as new ideas about property and politics developed in colonial law and political economy, the tar baby comes to embody an understanding of the interlocking processes by which custom was criminalized, slaves were captured, and labor was bought and sold.

Compellingly argued and ambitious in scope, the book concludes with twelve versions of the story transcribed from various cultures in the late nineteenth and early twentieth centuries.

Bryan Wagner is associate professor in the English Department at the University of California, Berkeley. He is the author of *Disturbing the Peace: Black Culture and the Police Power after Slavery*.

MAY

978-0-691-17263-7 **Cloth \$29.95S**

256 pages. 12 halftones. 5 ½ x 8 ½.

LITERATURE | AFRICAN AMERICAN STUDIES

Decolonization

A Short History

JAN C. JANSEN & JÜRGEN OSTERHAMMEL

Translated by Jeremiah Riemer

The end of colonial rule in Asia, Africa, and the Caribbean was one of the most important and dramatic developments of the twentieth century. In the decades after World War II, dozens of new states emerged as actors in global politics. Long-established imperial regimes collapsed, some more or less peacefully, others amid mass violence. This book takes an incisive look at decolonization and its long-term consequences, revealing it to be a coherent yet multidimensional process at the heart of modern history.

Jan Jansen and Jürgen Osterhammel trace the decline of European, American, and Japanese colonial supremacy from World War I to the 1990s. Providing a comparative perspective on the decolonization process, they shed light on its key aspects while taking into account the unique regional and imperial contexts in which it unfolded. Jansen and Osterhammel show how the seeds of decolonization were sown during the interwar period and argue that the geopolitical restructuring of the world was intrinsically connected to a sea change in the global normative order. They examine the economic repercussions of decolonization and its impact on international power structures, its consequences for envisioning world order, and the long shadow it continues to cast over new states and former colonial powers alike.

Concise and authoritative, *Decolonization* is the essential introduction to this momentous chapter in history, the aftershocks of which are still being felt today.

Jan C. Jansen is a research fellow at the German Historical Institute in Washington, DC. **Jürgen Osterhammel** is professor of modern and contemporary history at the University of Konstanz. He is a recipient of the Gottfried Wilhelm Leibniz Prize, Germany's most prestigious academic award. His books include *The Transformation of the World: A Global History of the Nineteenth Century* (Princeton).

MARCH

978-0-691-16521-9 Cloth \$27.95S

264 pages. 5 ½ x 8 ½.

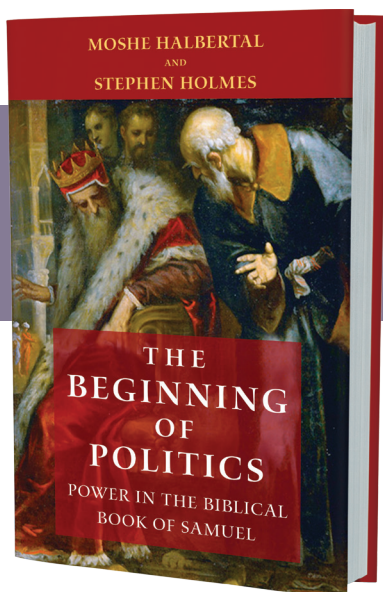
HISTORY



A concise and accessible history of decolonization in the twentieth century

"This accessible synthesis provides an empirically rich and analytically important map of the history and process of decolonization. It is particularly useful in explaining how decolonization intertwined with larger forces of global history across the twentieth century and how decolonization fit within the millennium-old history of empires."

—Todd Shepard, author of *Voices of Decolonization: A Brief History with Documents*



The Beginning of Politics

Power in the Biblical Book of Samuel

MOSHE HALBERTAL & STEPHEN HOLMES

New insights into how the Book of Samuel offers a timeless meditation on the dilemmas of statecraft

“By treating the author of Samuel as an ancient Machiavelli, Halbertal and Holmes enable readers to approach the biblical story in a new way while enhancing their understanding of the workings of political survival and the dynamics of power.”

—Steven Weitzman, author of *Solomon: The Lure of Wisdom*

The Book of Samuel is universally acknowledged as one of the supreme achievements of biblical literature. Yet the book’s anonymous author was more than an inspired storyteller. The author was also an uncannily astute observer of political life and the moral compromises and contradictions that the struggle for power inevitably entails. *The Beginning of Politics* mines the story of Israel’s first two kings to unearth a natural history of power, providing a forceful new reading of what is arguably the first and greatest work of Western political thought.

Moshe Halbertal and Stephen Holmes show how the beautifully crafted narratives of Saul and David cut to the core of politics, exploring themes that resonate wherever political power is at stake. Through stories such as Saul’s madness, David’s murder of Uriah, the rape of Tamar, and the rebellion of Absalom, the book’s author deepens our understanding not only of the necessity of sovereign rule but also of its costs—to the people it is intended to protect and to those who wield it. What emerges from the meticulous analysis of these narratives includes such themes as the corrosive grip of power on those who hold and compete for power; the ways in which political violence unleashed by the sovereign on his own subjects is rooted in the paranoia of the isolated ruler and the deniability fostered by hierarchical action through proxies; and the intensity with which the tragic conflict between political loyalty and family loyalty explodes when the ruler’s bloodline is made into the guarantor of the all-important continuity of sovereign power.

The Beginning of Politics is a timely meditation on the dark side of sovereign power and the enduring dilemmas of statecraft.

Moshe Halbertal is the Gruss Professor of Law at New York University, the John and Golda Cohen Professor of Jewish Philosophy at the Hebrew University of Jerusalem, and professor of law at IDC Herzliya in Israel. His books include *Maimonides* (Princeton), which won the National Jewish Book Award. **Stephen Holmes** is the Walter E. Meyer Professor of Law at New York University. His books include *The Matador’s Cape: America’s Reckless Response to Terror*.

MAY

978-0-691-17462-4 **Cloth \$29.95S**

296 pages. 5 ½ x 8 ½.

JEWISH STUDIES | POLITICS

The Crisis of Multiculturalism in Europe

A History

RITA CHIN

In 2010, the leaders of Germany, Britain, and France each declared that multiculturalism had failed in their countries. Over the past decade, a growing consensus in Europe has voiced similar decrees. But what do these ominous proclamations, from across the political spectrum, mean? From the influx of immigrants in the 1950s to contemporary worries about refugees and terrorism, *The Crisis of Multiculturalism in Europe* examines the historical development of multiculturalism on the Continent. Rita Chin argues that there were few efforts to institute state-sponsored policies of multiculturalism, and those that emerged were pronounced failures virtually from their inception. She shows that today's crisis of support for cultural pluralism isn't new but actually has its roots in the 1980s.

Chin looks at the touchstones of European multiculturalism, from the urgent need for laborers after World War II to the public furor over the publication of *The Satanic Verses* and the question of French girls wearing headscarves to school. While many Muslim immigrants had lived in Europe for decades, in the 1980s they came to be defined by their religion and the public's preoccupation with gender relations. Acceptance of sexual equality became the critical gauge of Muslims' compatibility with Western values. The convergence of left and right around the defense of such personal freedoms against a putatively illiberal Islam has threatened to undermine commitment to pluralism as a core ideal. Chin contends that renouncing the principles of diversity brings social costs, particularly for the left, and she considers how Europe might construct an effective political engagement with its varied population.

Challenging the mounting opposition to a diverse society, *The Crisis of Multiculturalism in Europe* presents a historical investigation into one continent's troubled relationship with cultural difference.

Rita Chin is associate professor of history at the University of Michigan. She is the author of *The Guest Worker Question in Postwar Germany* and the coauthor of *After the Nazi Racial State*.

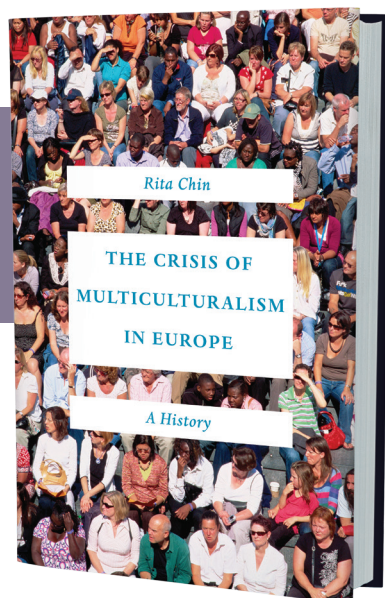
AUGUST

978-0-691-16426-7 Cloth \$35.00S

400 pages. 5 ½ x 8 ½.

HISTORY | CURRENT AFFAIRS

PRESS.PRINCETON.EDU

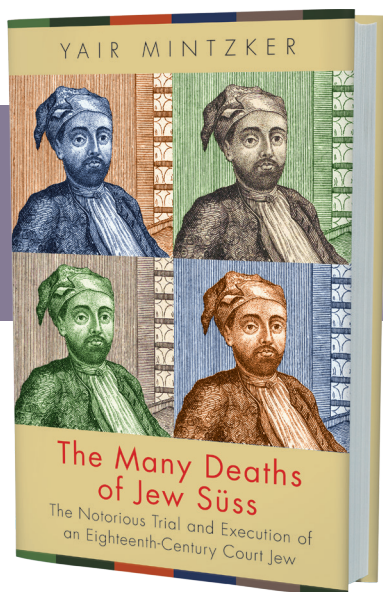


A history of modern European cultural pluralism, its current crisis, and its uncertain future

"There are several other books about multiculturalism in modern Europe, but none to my knowledge bring to bear the same level of historical depth and systematic comparative analysis found in Chin's excellent work. This is not only a key text in the history of multiculturalism in contemporary Europe, but it adds a new dimension to the broader history of Europe since 1945. A pleasure to read."

—Tyler Stovall, University of California, Santa Cruz

Academic Trade 51



The Many Deaths of Jew Süß

The Notorious Trial and Execution of
an Eighteenth-Century Court Jew

YAIR MINTZKER

Joseph Süß Oppenheimer—“Jew Süß”—is one of the most iconic figures in the history of anti-Semitism. In 1733, Oppenheimer became the “court Jew” of Carl Alexander, the duke of the small German state of Württemberg. When Carl Alexander died unexpectedly, the Württemberg authorities arrested Oppenheimer, put him on trial, and condemned him to death for unspecified “misdeeds.” On February 4, 1738, Oppenheimer was hanged in front of a large crowd just outside Stuttgart. He is most often remembered today through several works of fiction, chief among them a vicious Nazi propaganda movie made in 1940 at the behest of Joseph Goebbels.

The Many Deaths of Jew Süß is a compelling new account of Oppenheimer’s notorious trial. Drawing on a wealth of rare archival evidence, Yair Mintzker investigates conflicting versions of Oppenheimer’s life and death as told by four contemporaries: the leading inquisitor in the criminal investigation, the most important eyewitness to Oppenheimer’s final days, a fellow court Jew who was permitted to visit Oppenheimer on the eve of his execution, and one of Oppenheimer’s earliest biographers. What emerges is a lurid tale of greed, sex, violence, and disgrace—but are these narrators to be trusted? Meticulously reconstructing the social world in which they lived, and taking nothing they say at face value, Mintzker conjures an unforgettable picture of “Jew Süß” in his final days that is at once moving, disturbing, and profound.

The Many Deaths of Jew Süß is a masterfully innovative work of history, and an illuminating parable about Jewish life in the fraught transition to modernity.

Yair Mintzker is associate professor of history at Princeton University. He is the author of *The Defortification of the German City, 1689–1866*.

JUNE

978-0-691-17232-3 **Cloth \$35.00S**

440 pages. 8 halftones. 2 maps. 5 ½ x 8 ½.

HISTORY | JEWISH STUDIES

A groundbreaking historical reexamination of one of the most infamous episodes in the history of anti-Semitism

“I couldn’t put this book down. Revisiting a notorious case of anti-Semitism, Mintzker excavates a mountain of contradictory evidence with penetrating intelligence, great erudition, and rich human sympathy. This is a resonant and profoundly original book.”

—Keith Michael Baker, Stanford University

Visions of Empire

How Five Imperial Regimes Shaped the World

KRISHAN KUMAR

The empires of the past were far-flung experiments in multinationalism and multiculturalism, and have much to teach us about navigating our own increasingly globalized and interconnected world. Until now, most recent scholarship on empires has focused on their subject peoples. *Visions of Empire* looks at their rulers, shedding critical new light on who they were, how they justified their empires, how they viewed themselves, and the styles of rule they adopted toward their subjects.

Krishan Kumar provides panoramic and multifaceted portraits of five major European empires—Ottoman, Habsburg, Russian/Soviet, British, and French—showing how each, like ancient Rome, saw itself as the carrier of universal civilization to the rest of the world. Sometimes these aims were couched in religious terms, as with Islam for the Ottomans or Catholicism for the Habsburgs. Later, the imperial missions took more secular forms, as with British political traditions or the world communism of the Soviets.

Visions of Empire offers new insights into the interactions between rulers and ruled, revealing how empire was as much a shared enterprise as a clash of oppositional interests. It explores how these empires differed from nation-states, particularly in how the ruling peoples of empires were forced to downplay or suppress their own national or ethnic identities in the interests of the long-term preservation of their rule. This compelling and in-depth book demonstrates how the rulers of empire, in their quest for a universal world order, left behind a legacy of multiculturalism and diversity that is uniquely relevant for us today.

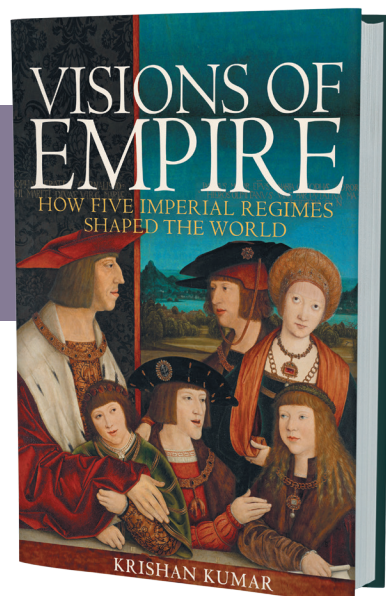
Krishan Kumar is University Professor and William R. Kenan, Jr., Professor of Sociology at the University of Virginia. His books include *The Idea of Englishness: English Culture, National Identity, and Social Thought*; *From Post-Industrial to Post-Modern Society: New Theories of the Contemporary World*; and 1989: *Revolutionary Ideas and Ideals*.

MAY

978-0-691-15363-6 **Cloth \$39.50S**

592 pages. 33 halftones. 9 maps. 6 x 9.

HISTORY



What the rulers of empire can teach us about navigating today's increasingly interconnected world

"In this extraordinary volume, Krishan Kumar provides us with a brilliant tour of some of history's most important empires, demonstrating the critical importance of imperial ideas and ideologies for understanding their modalities of rule and the conflicts that beset them. In doing so, he interrogates the contested terrain between nationalism and empire and the legacies that empires leave behind."

—Mark R. Beissinger, Princeton University



Ordinary Jews

Choice and Survival during the Holocaust

EVGENY FINKEL

How Jewish responses during the Holocaust shed new light on the dynamics of genocide and political violence

"This is a very important and fascinating contribution to our understanding of genocide and the choices made not only by the perpetrators and bystanders but also by the victims. In explaining the different types of strategies the targets of genocide might use to ensure their survival, ranging from compliance to resistance to evasion, this compelling analysis returns agency to the victims."

—Anna Grzymała-Busse, University of Michigan

Focusing on the choices and actions of Jews during the Holocaust, *Ordinary Jews* examines the different patterns of behavior of civilians targeted by mass violence. Relying on rich archival material and hundreds of survivors' testimonies, Evgeny Finkel presents a new framework for understanding the survival strategies in which Jews engaged: cooperation and collaboration, coping and compliance, evasion, and resistance. Finkel compares Jews' behavior in three Jewish ghettos—Minsk, Kraków, and Białystok—and shows that Jews' responses to Nazi genocide varied based on their experiences with prewar policies that either promoted or discouraged their integration into non-Jewish society.

Finkel demonstrates that while possible survival strategies were the same for everyone, individuals' choices varied across and within communities. In more cohesive and robust Jewish communities, coping—confronting the danger and trying to survive without leaving—was more organized and successful, while collaboration with the Nazis and attempts to escape the ghetto were minimal. In more heterogeneous Jewish communities, collaboration with the Nazis was more pervasive, while coping was disorganized. In localities with a history of peaceful interethnic relations, evasion was more widespread than in places where interethnic relations were hostile. State repression before WWII, to which local communities were subject, determined the viability of anti-Nazi Jewish resistance.

Exploring the critical influences shaping the decisions made by Jews in Nazi-occupied eastern Europe, *Ordinary Jews* sheds new light on the dynamics of collective violence and genocide.

Evgeny Finkel is assistant professor of political science and international affairs at George Washington University.

MARCH

978-0-691-17257-6 **Cloth \$29.95S**

312 pages. 10 line illus. 6 tables. 6 x 9.

POLITICAL SCIENCE | JEWISH STUDIES

The Origin of the Jews

The Quest for Roots in a Rootless Age

STEVEN WEITZMAN

The Jews have one of the longest continuously recorded histories of any people in the world, but what do we actually know about their origins? While many think the answer to this question can be found in the Bible, others look to archaeology or genetics. Some skeptics have even sought to debunk the very idea that the Jews have a common origin. In this book, Steven Weitzman takes a learned and lively look at what we know—or think we know—about where the Jews came from, when they arose, and how they came to be.

Scholars have written hundreds of books on the topic and come up with scores of explanations, theories, and historical reconstructions, but this is the first book to trace the history of the different approaches that have been applied to the question, including genealogy, linguistics, archaeology, psychology, sociology, and genetics. Weitzman shows how this quest has been fraught since its inception with religious and political agendas, how anti-Semitism cast its long shadow over generations of learning, and how recent claims about Jewish origins have been difficult to disentangle from the Israeli-Palestinian conflict. He does not offer neatly packaged conclusions but invites readers on an intellectual adventure, shedding new light on the assumptions and biases of those seeking answers—and the challenges that have made finding answers so elusive.

Spanning more than two centuries and drawing on the latest findings, *The Origin of the Jews* brings needed clarity and historical context to this enduring and often divisive topic.

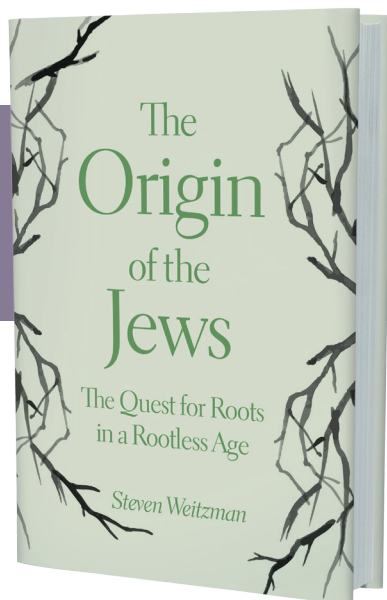
Steven Weitzman is the Abraham M. Ellis Professor of Hebrew and Semitic Languages and Literatures and Ella Darivoff Director of the Herbert D. Katz Center for Advanced Judaic Studies at the University of Pennsylvania. His books include *Solomon: The Lure of Wisdom* and *Surviving Sacrilege: Cultural Persistence in Jewish Antiquity*.

JUNE

978-0-691-17460-0 Cloth \$35.00S

432 pages. 8 halftones. 6 x 9.

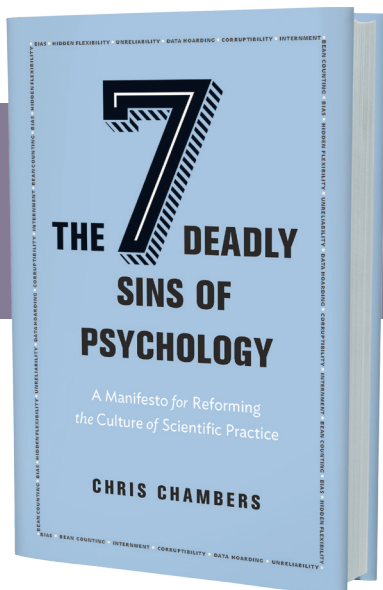
JEWISH STUDIES | RELIGION



The first major history of the scholarly quest to answer the question of Jewish origins

“Compellingly argued and very original. Only a scholar whose mind is as fertile as Weitzman’s and whose curiosity is as intense as his could have pulled off a book like this with such success.”

—Saul M. Olyan, author of *Disability in the Hebrew Bible: Interpreting Mental and Physical Differences*



The Seven Deadly Sins of Psychology

A Manifesto for Reforming the Culture of Scientific Practice

CHRIS CHAMBERS

Psychological science has made extraordinary discoveries about the human mind, but can we trust everything its practitioners are telling us? In recent years, it has become increasingly apparent that a lot of research in psychology is based on weak evidence, questionable practices, and sometimes even fraud. *The Seven Deadly Sins of Psychology* diagnoses the ills besetting the discipline today and proposes sensible, practical solutions to ensure that it remains a legitimate and reliable science in the years ahead.

In this unflinchingly candid manifesto, Chris Chambers draws on his own experiences as a working scientist to reveal a dark side to psychology that few of us ever see. Using the seven deadly sins as a metaphor, he shows how practitioners are vulnerable to powerful biases that undercut the scientific method, how they routinely torture data until it produces outcomes that can be published in prestigious journals, and how studies are much less reliable than advertised. He reveals how a culture of secrecy denies the public and other researchers access to the results of psychology experiments, how fraudulent academics can operate with impunity, and how an obsession with bean counting creates perverse incentives for academics. Left unchecked, these problems threaten the very future of psychology as a science—but help is here.

Outlining a core set of best practices that can be applied across the sciences, Chambers demonstrates how all these sins can be corrected by embracing open science, an emerging philosophy that seeks to make research and its outcomes as transparent as possible.

Chris Chambers is professor of cognitive neuroscience in the School of Psychology at Cardiff University and a contributor to the *Guardian* science blog network.

JUNE

978-0-691-15890-7 **Cloth \$29.95S**

232 pages. 8 halftones. 9 line illus. 6 x 9.

PSYCHOLOGY | SCIENCE

Why psychology is in peril as a scientific discipline—and how to save it

“This book could change how science is done. The issues Chambers raises are starting to be taken very seriously, especially by major funders in the United States and beyond, because of concerns that current practices are wasting resources by fostering irreproducible research. This is the only book

I know of that is addressing these issues head-on.”

—Dorothy Bishop, University of Oxford

The Happiness Philosophers

The Lives and Works of the Great Utilitarians

BART SCHULTZ

In *The Happiness Philosophers*, Bart Schultz tells the colorful story of the lives and legacies of the founders of utilitarianism—one of the most influential yet misunderstood and maligned philosophies of the past two centuries.

Best known for arguing that “it is the greatest happiness of the greatest number that is the measure of right and wrong,” utilitarianism was developed by the radical philosophers, critics, and social reformers William Godwin (the husband of Mary Wollstonecraft and father of Mary Shelley), Jeremy Bentham, John Stuart and Harriet Taylor Mill, and Henry Sidgwick. Together, they had a profound influence on nineteenth-century reforms, in areas ranging from law, politics, and economics to morals, education, and women’s rights. Their work transformed life in ways we take for granted today. Bentham even advocated the decriminalization of same-sex acts, decades before the cause was taken up by other activists. As Bertrand Russell wrote about Bentham in the late 1920s, “There can be no doubt that nine-tenths of the people living in England in the latter part of last century were happier than they would have been if he had never lived.” Yet in part because of its misleading name and the caricatures popularized by figures as varied as Dickens, Marx, and Foucault, utilitarianism is sometimes still dismissed as cold, calculating, inhuman, and simplistic.

By revealing the fascinating human sides of the remarkable pioneers of utilitarianism, *The Happiness Philosophers* provides a richer understanding and appreciation of their philosophical and political perspectives—one that also helps explain why utilitarianism is experiencing a renaissance today and is again being used to tackle some of the world’s most serious problems.

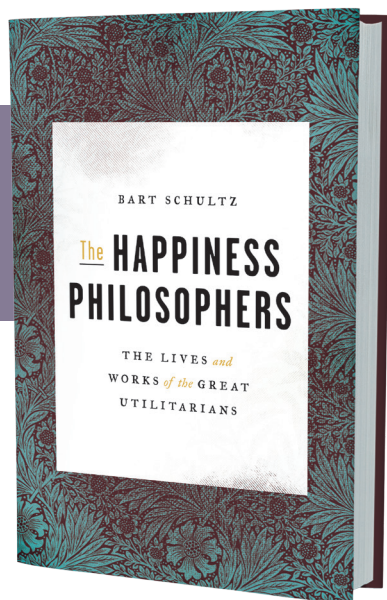
Bart Schultz is senior lecturer in the humanities and director of the Civic Knowledge Project at the University of Chicago. He is the author of *Henry Sidgwick: Eye of the Universe, An Intellectual Biography*.

MAY

978-0-691-15477-0 **Cloth \$39.95\$**

496 pages. 10 halftones. 6 x 9.

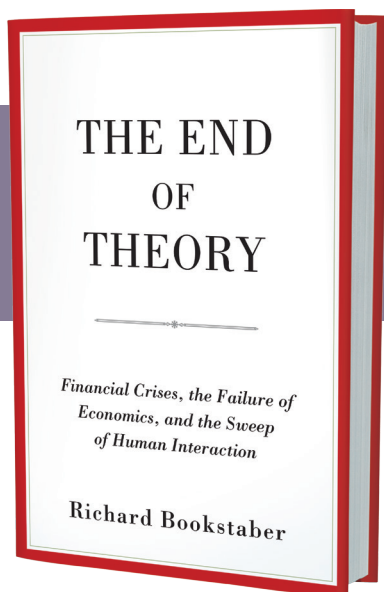
PHILOSOPHY | BIOGRAPHY



A colorful history of utilitarianism told through the lives and ideas of Jeremy Bentham, John Stuart Mill, and its other founders

“*The Happiness Philosophers* is a remarkable achievement. Bart Schultz uses his skill in philosophical biography to bring the founders of utilitarianism to life. But he does much more than that. By revealing the early utilitarians’ fascinating mix of intelligence, passion, and reforming zeal, he dispels caricatures of utilitarian thinking. His conviction that utilitarianism can guide us in our search for solutions to the ethical and political problems we face today only adds to the importance of the book.”

—Peter Singer, author of *Ethics in the Real World: 82 Brief Essays on Things That Matter*



An in-depth look at how to account for the human complexities at the heart of today's financial system

"Seeking to reorient economics research, this ambitious book outlines a strong alternative approach based on agent-based computational models. With a lively and engaging style, Bookstaber reveals a deep knowledge of several fields, including mathematics and computer science, and a practical understanding of the financial sector. His book is fun to read, pedagogically brilliant, and deeply erudite."

—Rajiv Sethi, Barnard College

The End of Theory

Financial Crises, the Failure of Economics, and the Sweep of Human Interaction

RICHARD BOOKSTABER

Our economy may have recovered from the Great Recession—but not our economics. In *The End of Theory*, Richard Bookstaber, one of the world's leading risk managers, discusses why the human condition and the radical uncertainty of our world renders the standard economic model—and the theory behind it—useless for dealing with financial crises. What model should replace it? None. At least not any version we've been using for the past two hundred years. Instead, Bookstaber argues for a new approach called agent-based economics, one that takes as a starting point the fact that we are humans, not the optimizing automatons that standard economics assumes we are.

Bookstaber's groundbreaking paradigm promises to do a far better job at preventing crises and managing those that break out. As he explains, our varied memories and imaginations color our economic behavior in unexpected hues. Agent-based modeling embraces these nuances by avoiding the mechanistic, unrealistic structure of our current economic approach. Bookstaber tackles issues such as radical uncertainty, when circumstances take place beyond our anticipation, and emergence, when innocent, everyday interactions combine to create sudden chaos. Starting with the realization that future crises cannot be predicted by the past, he proposes an approach that recognizes the human narrative while addressing market realities.

Sweeping aside the historic failure of twentieth-century economics, *The End of Theory* offers a novel and innovative perspective, along with a more realistic and human framework, to help prevent today's financial system from blowing up again.

Richard Bookstaber has overseen risk management at investment banks Morgan Stanley and Salomon Brothers, as well as major hedge funds such as Moore Capital and Bridgewater. He has also held positions at the U.S. Treasury, and is currently at the University of California. He is the author most recently of *A Demon of Our Own Design* (Wiley).

MAY

978-0-691-16901-9 **Cloth \$29.95S**

232 pages. 10 line illus. 6 x 9.

ECONOMICS | FINANCE

Happiness for All?

Unequal Hopes and Lives in Pursuit of the American Dream

CAROL GRAHAM

The Declaration of Independence states that all people are endowed with certain unalienable rights, and that among these is the pursuit of happiness. But is happiness equally available to everyone in America today? How about elsewhere in the world? Carol Graham draws on cutting-edge research linking income inequality with well-being to show how the widening prosperity gap has led to rising inequality in people's beliefs, hopes, and aspirations.

For the United States and other developed countries, the high costs of being poor are most evident not in material deprivation but rather in stress, insecurity, and lack of hope. The result is an optimism gap between rich and poor that, if left unchecked, could lead to an increasingly divided society. Graham reveals how people who do not believe in their own futures are unlikely to invest in them, and how the consequences can range from job instability and poor education to greater mortality rates, failed marriages, and higher rates of incarceration. She describes how the optimism gap is reflected in the very words people use—the wealthy use words that reflect knowledge acquisition and healthy behaviors, while the words of the poor reflect desperation, short-term outlooks, and patchwork solutions. She also explains why the least optimistic people in America are poor whites, not poor blacks or Hispanics.

Happiness for All? highlights the importance of well-being measures in identifying and monitoring trends in life satisfaction and optimism—and misery and despair—and demonstrates how hope and happiness can lead to improved economic outcomes.

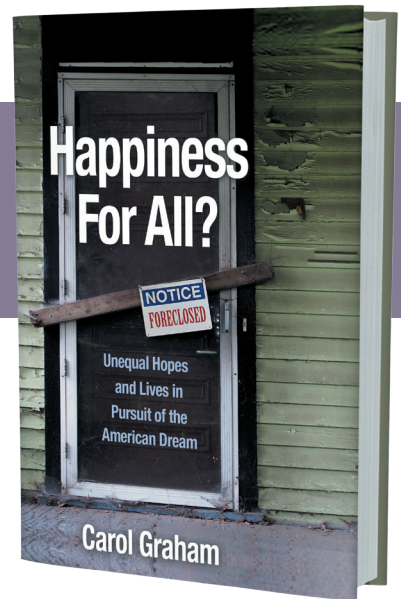
Carol Graham is the Leo Pasvolsky Senior Fellow at the Brookings Institution and College Park Professor at the University of Maryland's School of Public Policy. Her books include *The Pursuit of Happiness: An Economy of Well-Being* and *Happiness around the World: The Paradox of Happy Peasants and Miserable Millionaires*.

MARCH

978-0-691-16946-0 **Cloth \$29.95S**

264 pages. 20 line illus. 12 tables. 5 ½ x 8 ½.

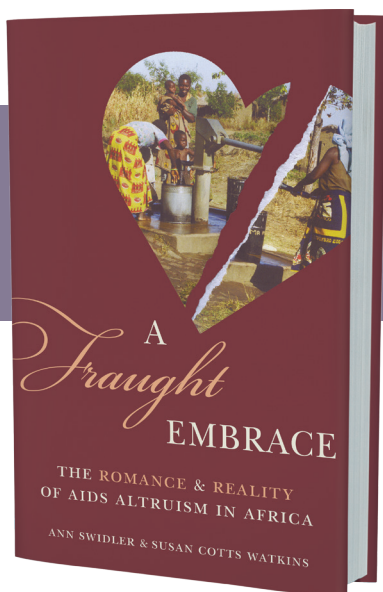
ECONOMICS | PUBLIC POLICY



How the optimism gap between rich and poor is creating an increasingly divided society

“Carol Graham uses well-being measures to bring new insights to the divisions that are threatening America. Far from dreaming of a better tomorrow, many Americans, especially white Americans, are deeply pessimistic about their future and the futures of their children. This book brings much to think and to worry about.”

—Angus Deaton, Nobel Laureate in Economics



A Fraught Embrace

The Romance and Reality of AIDS Altruism in Africa

ANN SWIDLER & SUSAN COTTS WATKINS

*The complex relationships
between altruists, beneficiaries,
and brokers in the global effort to
fight AIDS in Africa*

“Using a detailed study of the actions and reactions regarding AIDS in Malawi, this fantastic book describes essential features of the current system for delivering humanitarian assistance.

Swidler and Watkins look at the role of brokers who connect international donors with beneficiaries, examine the altruists who operate within a moral universe that leads them to be out of touch, and offer a compelling takedown of common humanitarian cultural practices and notions of sustainability.”

—Lant Pritchett, Harvard
Kennedy School

In the wake of the AIDS pandemic, legions of organizations and compassionate individuals descended on Africa from faraway places to offer their help and save lives. *A Fraught Embrace* shows how the dreams of these altruists became entangled with complex institutional and human relationships. Ann Swidler and Susan Cotts Watkins vividly describe the often mismatched expectations and fantasies of those who seek to help, of the villagers who desperately seek help, and of the brokers on whom both Western altruists and impoverished villagers must rely.

Based on years of fieldwork in the heavily AIDS-affected country of Malawi, this powerful book digs into the sprawling AIDS enterprise and unravels the paradoxes of AIDS policy and practice. All who want to do good—from idealistic volunteers to world-weary development professionals—depend on brokers as guides, fixers, and cultural translators. These irreplaceable but frequently unseen local middlemen are the human connection between altruists’ dreams and the realities of global philanthropy.

The mutual misunderstandings among donors, brokers, and villagers—each with their own desires and moral imaginations—create all the drama of a romance: longing, exhilaration, disappointment, heartache, and sometimes an enduring connection. Personal stories, public scandals, and intersecting, sometimes clashing fantasies bring the lofty intentions of AIDS altruism firmly down to earth.

Swidler and Watkins ultimately argue that altruists could accomplish more good, not by seeking to transform African lives but by helping Africans achieve their own goals. *A Fraught Embrace* unveils the tangled relations of those involved in the collective struggle to contain an epidemic.

Ann Swidler is professor of sociology at the University of California, Berkeley. **Susan Cotts Watkins** is professor emerita of sociology at the University of Pennsylvania.

APRIL

978-0-691-17392-4 **Cloth \$35.00S**

272 pages. 10 halftones. 7 line illus. 6 x 9.

Princeton Studies in Cultural Sociology

Paul J. DiMaggio, Michèle Lamont, Robert J. Wuthnow, and Viviana A. Zelizer,
Series Editors

SOCIOLOGY

The Corruption Cure

How Citizens and Leaders Can Combat Graft

ROBERT I. ROTBERG

Corruption corrodes all facets of the world's political and corporate life, yet until now there was no one book that explained how best to battle it. *The Corruption Cure* provides many of the required solutions and ranges widely across continents and diverse cultures—putting some thirty-five countries under an anticorruption microscope—to show exactly how to beat back the forces of sleaze and graft.

Robert Rotberg defines corruption theoretically and practically in its many forms, describes the available legal remedies, and examines how we know and measure corruption's presence. He looks at successful and unsuccessful attempts to employ anticorruption investigative commissions to combat political theft and venal behavior. He explores how the globe's least corrupt nations reached that exceptional goal. Another chapter discusses the role of civil society in limiting corruption. Expressed political will through determined leadership is a key factor in winning all of these battles. Rotberg analyzes the best-performing noncorrupt states to show how consummate leadership made a telling difference. He demonstrates precisely how determined leaders changed their wildly corrupt countries into paragons of virtue, and how leadership is making a significant difference in stimulating political anticorruption movements in places like India, Croatia, Honduras, and Lebanon. Rotberg looks at corporate corruption and how it can be checked, and also offers an innovative fourteen-step plan for nations that are ready to end corruption.

Curing corruption globally requires strengthened political leadership and the willingness to remake national political cultures. Tougher laws and better prosecutions are not enough. This book enables us to rethink the problem completely—and solve it once and for all.

Robert I. Rotberg is founding director of the Program on Intrastate Conflict at the Harvard Kennedy School and president emeritus of the World Peace Foundation. His many books include *When States Fail* (Princeton). He is a fellow of the American Academy of Arts and Sciences and former president of Lafayette College.

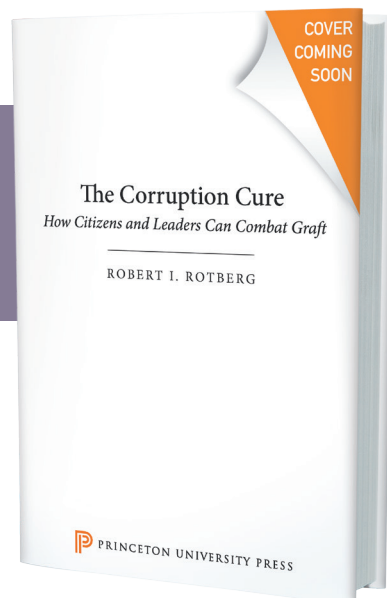
MAY

978-0-691-16890-6 **Cloth \$35.00S**

456 pages. 1 halftone. 6 x 9.

POLITICS | CURRENT AFFAIRS

PRESS.PRINCETON.EDU

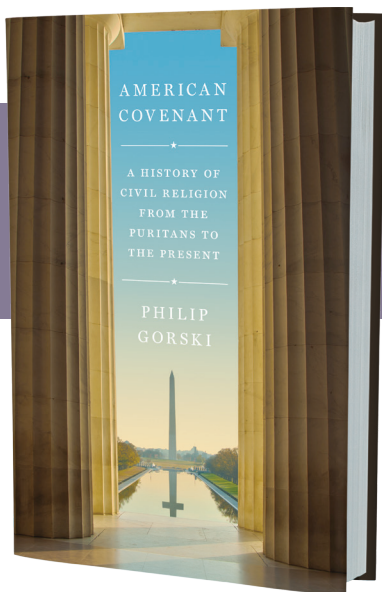


Why leadership is key to ending political and corporate corruption globally

“A veritable tour de force, both intellectually and in scope. Rotberg is one of the most knowledgeable researchers in this field, and he also has impressive experience from practical efforts and policies for reducing corruption. I am convinced that *The Corruption Cure* will become a standard reference for a long time.”

—Bo Rothstein, author of *The Quality of Government: Corruption, Social Trust, and Inequality in International Perspective*

Academic Trade 61



American Covenant

A History of Civil Religion from the Puritans to the Present

PHILIP GORSKI

An authoritative account of the long battle between exclusionary and inclusive versions of the American story

"This engaging and ambitious book offers a sobering analysis that at the same time suggests hope for moving past the malignant divisiveness with which our nation is currently afflicted."

—Robert Wuthnow, author of *In the Blood: Understanding America's Farm Families*

Was the United States founded as a Christian nation or a secular democracy? Neither, argues Philip Gorski in *American Covenant*. What the founders actually envisioned was a prophetic republic that would weave together the ethical vision of the Hebrew prophets and the Western political heritage of civic republicanism. In this ambitious book, Gorski shows why this civil religious tradition is now in peril—and with it the American experiment.

Gorski traces the historical development of prophetic republicanism from the Puritan era to the present day. He provides close readings of thinkers such as John Winthrop, Thomas Jefferson, Frederick Douglass, W.E.B. Du Bois, and Hannah Arendt, along with insightful portraits of recent and contemporary religious and political leaders such as Jerry Falwell, Pat Robertson, Ronald Reagan, George W. Bush, and Barack Obama. Gorski shows how the founders' original vision for America is threatened by an internecine struggle between two rival traditions, religious nationalism and radical secularism. Religious nationalism is a form of militaristic hyperpatriotism that imagines the United States as a divine instrument in the final showdown between good and evil. Radical secularists fervently deny the positive contributions of the Judeo-Christian tradition to the American project and seek to remove all traces of religious expression from the public square. Gorski offers an unsparing critique of both, demonstrating how half a century of culture war has drowned out the quieter voices of the vital center.

American Covenant makes the compelling case that if we are to rebuild that vital center, we must recover the civil religious tradition on which the republic was founded.

Philip Gorski is professor of sociology and religious studies at Yale University. His books include *The Protestant Ethic Revisited* and *The Disciplinary Revolution: Calvinism and the Rise of the State in Early Modern Europe*.

MARCH

978-0-691-14767-3 **Cloth \$35.00S**

336 pages. 2 line illus. 6 x 9.

RELIGION | AMERICAN HISTORY

Read My Lips

Why Americans Are Proud to Pay Taxes

VANESSA S. WILLIAMSON

Conventional wisdom holds that Americans hate taxes. But the conventional wisdom is wrong. Bringing together national survey data with in-depth interviews, *Read My Lips* presents a surprising picture of tax attitudes in the United States. Vanessa Williamson demonstrates that Americans view taxpaying as a civic responsibility and moral obligation. But they worry that others are shirking their duties, in part because the experience of taxpaying misleads Americans about who pays taxes and how much. Perceived “loopholes” convince many income tax filers that a flat tax might actually raise taxes on the rich, and the relative invisibility of the sales and payroll taxes encourages many to underestimate the sizable tax contributions made by poor and working people.

Americans see being a taxpayer as a role worthy of pride and respect, a sign that one is a contributing member of the community and nation. For this reason, the belief that many Americans are not paying their share is deeply corrosive to the social fabric. The widespread misperception that immigrants, the poor, and working-class families pay little or no taxes substantially reduces public support for progressive spending programs and undercuts the political standing of low-income people. At the same time, the belief that the wealthy pay less than their share diminishes confidence that the political process represents most people.

Upending the idea of Americans as knee-jerk opponents of taxes, *Read My Lips* examines American taxpaying as an act of political faith. Ironically, the depth of the American civic commitment to taxpaying makes the failures of the tax system, perceived and real, especially potent frustrations.

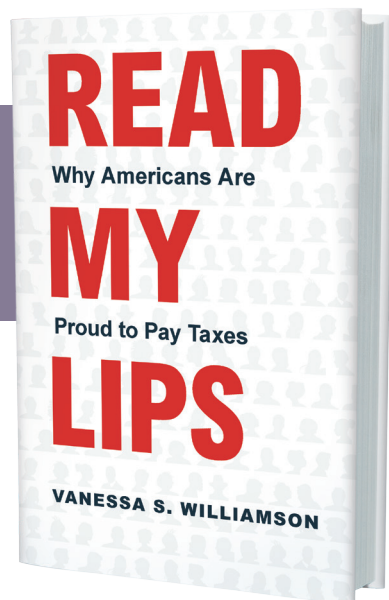
Vanessa S. Williamson is a fellow in governance studies at the Brookings Institution. She is the coauthor of *The Tea Party and the Remaking of Republican Conservatism*.

APRIL

978-0-691-17455-6 **Cloth \$29.95\$**

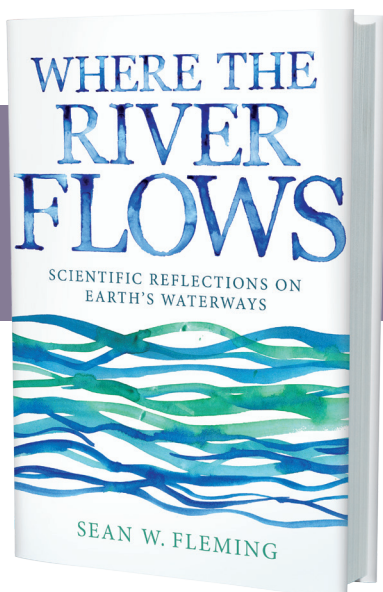
288 pages. 8 line illus. 1 table. 5 ½ x 8 ½.

POLITICS | PUBLIC POLICY



A surprising and revealing look at what Americans really believe about taxes

“Read My Lips is a brilliant and necessary book. Filled with innovative, important, and convincing arguments, it is indispensable for anyone who wants to understand what Americans think about taxes and why. A tour de force.”
—Isaac William Martin, University of California, San Diego



Where the River Flows

Scientific Reflections on Earth's Waterways

SEAN W. FLEMING

Rivers are essential to civilization and even life itself, yet how many of us truly understand how they work? Why do rivers run where they do? Where do their waters actually come from? How can the same river flood one year and then dry up the next? *Where the River Flows* takes you on a majestic journey along the planet's waterways, providing a scientist's reflections on the vital interconnections that rivers share with the land, the sky, and us.

Sean Fleming draws on examples ranging from common backyard creeks to powerful and evocative rivers like the Mississippi, Yangtze, Thames, and Congo. Each chapter looks at a particular aspect of rivers through the lens of applied physics, using abundant graphics and intuitive analogies to explore the surprising connections between watershed hydrology and the world around us. Fleming explains how river flows fluctuate like stock markets, what "digital rainbows" can tell us about climate change and its effects on water supply, how building virtual watersheds in silicon may help avoid the predicted water wars of the twenty-first century, and much more. Along the way, you will learn what some of the most exciting ideas in science—such as communications theory, fractals, and even artificial life—reveal about the life of rivers.

Where the River Flows offers a new understanding of the profound interrelationships that rivers have with landscapes, ecosystems, and societies, and shows how startling new insights are possible when scientists are willing to think outside the disciplinary box.

Sean W. Fleming has two decades of experience in the private, public, and nonprofit sectors in the United States, Canada, England, and Mexico, ranging from oil exploration to operational river forecasting to glacier science. He holds faculty positions in the geophysical sciences at the University of British Columbia and Oregon State University.

APRIL

978-0-691-16878-4 **Cloth \$26.95S**

216 pages. 26 halftones. 14 line illus. 2 tables. 5 ½ x 8 ½.

EARTH SCIENCE

The vital interconnections that rivers share with the land, the sky, and us

"Extremely interesting and informative. Fleming makes difficult scientific concepts accessible to the layperson, and takes a very broad range of topics and shows how they are interconnected in so many ways."

—Karen C. Rice, University of Virginia

The Great Formal Machinery Works

Theories of Deduction and Computation
at the Origins of the Digital Age

JAN VON PLATO

The information age owes its existence to a little-known but crucial development, the theoretical study of logic and the foundations of mathematics. *The Great Formal Machinery Works* draws on original sources and rare archival materials to trace the history of the theories of deduction and computation that laid the logical foundations for the digital revolution.

Jan von Plato examines the contributions of figures such as Aristotle; the nineteenth-century German polymath Hermann Grassmann; George Boole, whose Boolean logic would prove essential to programming languages and computing; Ernst Schröder, best known for his work on algebraic logic; and Giuseppe Peano, cofounder of mathematical logic. Von Plato shows how the idea of a formal proof in mathematics emerged gradually in the second half of the nineteenth century, hand in hand with the notion of a formal process of computation. A turning point was reached by 1930, when Kurt Gödel conceived his celebrated incompleteness theorems. They were an enormous boost to the study of formal languages and computability, which were brought to perfection by the end of the 1930s with precise theories of formal languages and formal deduction and parallel theories of algorithmic computability. Von Plato describes how the first theoretical ideas of a computer soon emerged in the work of Alan Turing in 1936 and John von Neumann some years later.

Shedding new light on this crucial chapter in the history of science, *The Great Formal Machinery Works* is essential reading for students and researchers in logic, mathematics, and computer science.

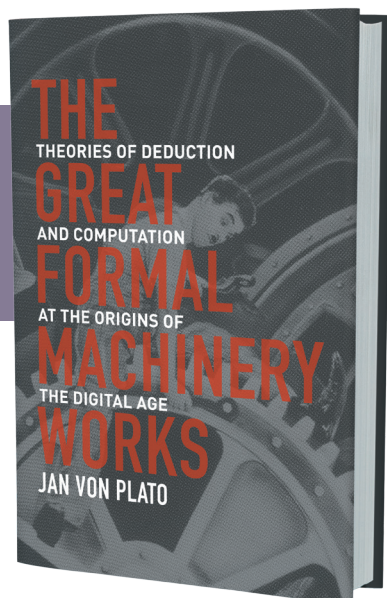
Jan von Plato is professor of philosophy at the University of Helsinki. His books include *Elements of Logical Reasoning* and *Structural Proof Theory*.

JUNE

978-0-691-17417-4 **Cloth \$35.00S**

392 pages. 6 x 9.

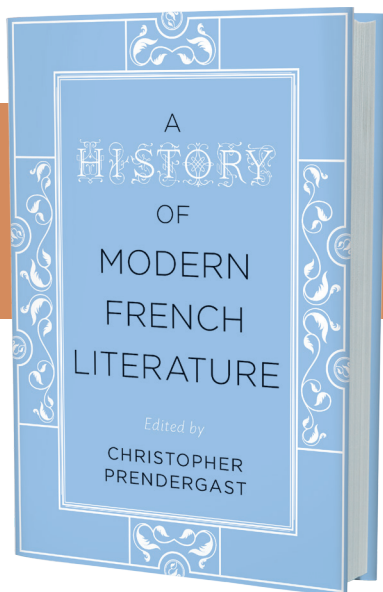
HISTORY OF SCIENCE | COMPUTER SCIENCE



*How mathematical logic
laid the foundations for
the digital revolution*

“Von Plato’s book is a lively and provocative history of mathematical logic, centered on the game-changing discoveries of Gödel, Turing, and Gentzen. Every mathematician interested in foundations will enjoy this book, and will likely lose some misconceptions as well as gain new insights.”

—John Stillwell, author of *Elements of Mathematics: From Euclid to Gödel*



A History of Modern French Literature

From the Sixteenth Century to the Twentieth Century

EDITED BY CHRISTOPHER PRENDERGAST

An accessible and authoritative new history of French literature, written by a highly distinguished transatlantic group of scholars

“This is a tremendous achievement, bringing into a single volume much of the best writing and thinking on French literature that is currently available anywhere. It is highly readable, full of energetically pursued arguments, and it will last for a long time, precisely because its notions of history are so flexible and imaginative. The book proves that the history of literature can only benefit from disciplined speculation about the possibilities of the past.”

—Michael Wood, professor emeritus,
Princeton University

This book provides an engaging, accessible, and exciting new history of French literature from the Renaissance through the twentieth century, from Rabelais and Marguerite de Navarre to Samuel Beckett and Assia Djebar. Christopher Prendergast, one of today’s most distinguished authorities on French literature, has gathered a transatlantic group of more than thirty leading scholars who provide original essays on carefully selected writers, works, and topics that open a window onto key chapters of French literary history. The book begins in the sixteenth century with the formation of a modern national literary consciousness, and ends in the late twentieth century with the idea of the “national” coming increasingly into question as inherited meanings of “French” and “Frenchness” expand beyond the geographical limits of mainland France.

- ◆ Provides an exciting new account of French literary history from the Renaissance to the end of the twentieth century
- ◆ Features more than thirty original essays on key writers, works, and topics, written by a distinguished transatlantic group of scholars
- ◆ Includes an introduction and index

The contributors include Etienne Beaulieu, Christopher Braider, Peter Brooks, Mary Ann Caws, David Coward, Nicholas Cronk, Edwin M. Duval, Mary Gallagher, Raymond Geuss, Timothy Hampton, Nicholas Harrison, Katherine Ibbett, Michael Lucey, Susan Maslan, Eric Méchoulan, Hassan Melehy, Larry F. Norman, Nicholas Paige, Roger Pearson, Christopher Prendergast, Jean-Michel Rabaté, Timothy J. Reiss, Sarah Rocheville, Pierre Saint-Amand, Clive Scott, Catriona Seth, Judith Sribnai, Joanna Stalnaker, Aleksandar Stević, Kate Tunstall, Steven Ungar, and Wes Williams.

Christopher Prendergast is professor emeritus of French literature at the University of Cambridge and a fellow of King’s College and the British Academy. He is the general editor of the Penguin Proust, and his many books include *Mirages and Mad Beliefs: Proust the Skeptic* (Princeton).

MARCH

978-0-691-15772-6 **Cloth \$49.95**

680 pages. 4 halftones. 6 x 9.

LITERATURE | FRENCH STUDIES | REFERENCE

Horses of the World

ÉLISE ROUSSEAU

ILLUSTRATED BY YANN LE BRIS

Translated by Teresa Lavender Fagan

Horses of the World is a comprehensive, large-format overview of 570 breeds of domestic and extant wild horses, including hybrids between the two and between domestic breeds and other equids, such as zebras. This beautifully illustrated and detailed guide covers the origins of modern horses, anatomy and physiology, variation in breeds, and modern equestrian practices. The treatment of breeds is organized by country within broader geographical regions—from Eurasia through Australasia and to the Americas. Each account provides measurements (weight and height), distribution, origins and history, character and attributes, uses, and current status. Every breed is accompanied by superb color drawings—600 in total—and color photographs can be found throughout the book.

Describing and depicting every horse breed in existence, *Horses of the World* will be treasured by all who are interested in these gorgeous animals.

- ◆ A unique large-format, field-guide approach that provides complete coverage of the world's 570 horse breeds
- ◆ 600 superb color illustrations showcasing every breed
- ◆ Additional color photos and maps
- ◆ Accessible text offers detailed information on each species, including measurements, distribution, origins and history, character and attributes, uses, and current status

Élise Rousseau is a freelance writer and author of a number of adult and children's books on horses. She is an avid equestrian and has traveled all over the world to document rare breeds. **Yann Le Bris** has been a professional artist for eighteen years. He has illustrated numerous books.

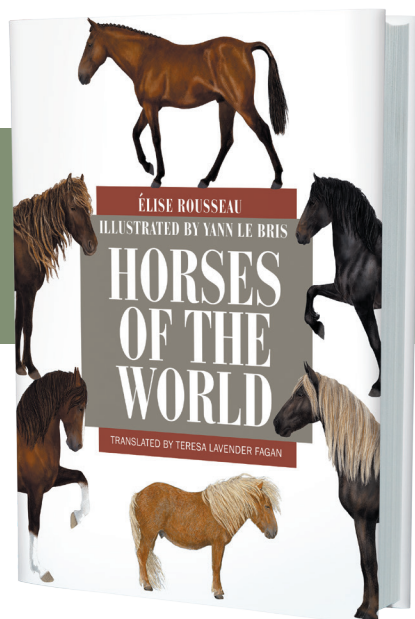
MAY

978-0-691-16720-6 **Cloth \$39.95^T**

528 pages. 600 color illus. 8 x 10.

Princeton Field Guides

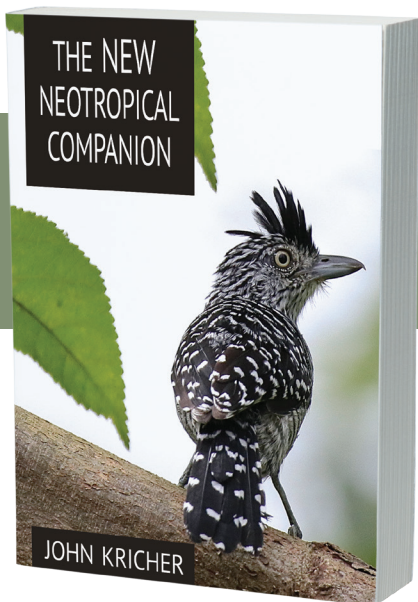
FIELD GUIDES | HORSES



*A beautifully illustrated
and detailed guide to
the world's horses*

"This comprehensive and beautiful book will appeal to all those with a passion for horses. Élise Rousseau deserves kudos for undertaking this monumental work."

—Octavia J. Brown, Centenary University



The acclaimed guide to the ecology and natural history of the American tropics—now fully updated and expanded

Praise for *A Neotropical Companion*:

"The book is exactly what it says it is, a companion to take with you on your travels in the New World tropics."

—*Journal of Natural History*

The New Neotropical Companion

JOHN KRICHER

The New Neotropical Companion is the completely revised and expanded edition of a book that has helped thousands of people to understand the complex ecology and natural history of the most species-rich area on Earth, the American tropics. Featuring stunning color photos throughout, it is a sweeping and cutting-edge account of tropical ecology that includes not only tropical rain forests but also other ecosystems such as cloud forests, rivers, savannas, and mountains. This is the only guide to the American tropics that is all-inclusive, encompassing the entire region's ecology and the amazing relationships among species rather than focusing just on species identification.

The New Neotropical Companion is a book unlike any other. Here, you will learn how to recognize distinctive ecological patterns of rain forests and other habitats and to interpret how these remarkable ecosystems function—everything is explained in clear and engaging prose free of jargon. You will also be introduced to the region's astonishing plant and animal life.

Informative and entertaining, *The New Neotropical Companion* is a pleasurable escape for armchair naturalists, and visitors to the American tropics will want to refer to this book before, during, and after their trip.

- ◆ Covers all of tropical America
- ◆ Describes the species and habitats most likely to be observed by visitors
- ◆ Includes every major ecosystem, from lowland rain forests to the high Andes
- ◆ Features a wealth of color photos of habitats, plants, and animals

John Kricher is professor of biology at Wheaton College. His many books include *Tropical Ecology*, *The Balance of Nature: Ecology's Enduring Myth*, and *Galápagos: A Natural History* (all Princeton).

MARCH

978-0-691-11525-2 **Paper \$35.00T**

448 pages. 618 color photos. 18 color illus. 7 ½ x 9 ½.

NATURAL HISTORY

Birds of Europe, North Africa, and the Middle East

A Photographic Guide

FRÉDÉRIC JIGUET & AURÉLIEN AUDEVARD

Translated by Tony Williams

Birds of Europe, North Africa, and the Middle East is the first comprehensive pocket-sized photographic field guide to every bird species in the Western Palearctic—this includes winter visitors and common migrants but also all rarities to the region, even if they have been recorded only once. The guide also covers hypothetical species—those that have a good chance of being recorded due to such factors as range expansion and changing weather patterns.

The book's 2,200 stunning color photographs mean that every species is pictured, making field identification quick and easy. Succinct text covers key identification features, voice, habitat, and distribution, and distribution maps are provided for regular breeding species. Particular attention and details are given to help differentiate similar-looking species.

Lavishly illustrated, up-to-date, and wide-ranging, *Birds of Europe, North Africa, and the Middle East* is an essential field guide for every naturalist and birder.

- ◆ The first comprehensive field guide to include every bird species in the Western Palearctic (Europe, North Africa, and the Middle East)
- ◆ 2,200 superb color photographs
- ◆ Succinct text looks at key identification features, voice, habitat, and distribution

Frédéric Jiguet is one of France's leading ornithologists and a conservation biologist at the Muséum National d'Histoire Naturelle in Paris. He is director of the Centre de Recherches sur la Biologie des Populations d'Oiseaux (CRBPO), and serves on the editorial board of France's premier bird-study journal, *Ornithos*. **Aurélien Audevard** has been studying birds for much of his life and has conducted several high-profile conservation studies for the Ligue pour la Protection des Oiseaux, Provence-Alpes-Côte d'Azur (LPO PACA). His photographs have appeared in many of Europe's leading birding magazines, including *Ornithos*, *L'Oiseau*, *Birding World*, and *Dutch Birding*.

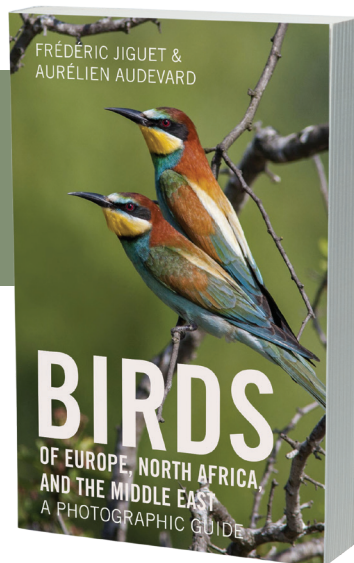
MARCH

978-0-691-17243-9 **Paper \$29.95T**

448 pages. 2,200 color photos and maps. 5 x 7 ½.

FIELD GUIDES | BIRDS

PRESS.PRINCETON.EDU



The first comprehensive field guide to every bird species in Europe, North Africa, and the Middle East

"This is an excellent photographic field guide. Considering its portable size, the coverage is immense. Practical, handy, and attractive, it will have a wide appeal."

—Nigel Redman, author of *Birds of the Horn of Africa*

A Swift Guide to Butterflies of Mexico and Central America

Second Edition

JEFFREY GLASSBERG

A groundbreaking photographic field guide to almost all of Mexico's butterfly species and many of Central America's

Praise for Jeffrey Glassberg's previous butterfly books:

"May do for butterflies what Peterson did for birds."
—*Village Voice*

This is a revised second edition of a groundbreaking photographic field guide to the butterflies of Mexico and Central America. It covers almost all of the more than 1,700 butterfly species found in Mexico, plus many found only in Central America, including more than two-thirds of those in Costa Rica. Written by Jeffrey Glassberg, the pioneering authority on the field identification of butterflies, the guide features 3,250 large, gorgeous color photographs, the very best images available, accompanied by authoritative facing-page text. Range maps, field marks, and host plants are included for all Mexican butterflies. This second edition includes more species, many new photos, and updated text, maps, and species names. The result is an ideal field guide that will enable you to identify almost every butterfly you see.

- ◆ A revised second edition of a groundbreaking guide, featuring more species, many new photos, and updated text, maps, and species names
- ◆ The first complete guide to Mexican butterflies
- ◆ Covers almost all of Mexico's more than 1,700 species, plus many Central American species, including more than two-thirds of those in Costa Rica
- ◆ Written by the pioneering authority on the field identification of butterflies
- ◆ Beautifully illustrated with 3,250 color photographs that highlight key identification features
- ◆ Range maps, field marks, and host plants for all Mexican species
- ◆ Authoritative facing-page text
- ◆ An invaluable tool for field identification

Jeffrey Glassberg is a leading butterfly authority and author. He is president of the North American Butterfly Association, editor of *American Butterflies* magazine, and the author of many books, including the *Butterflies through Binoculars* series. He is adjunct professor of evolutionary biology at Rice University and lives in Morristown, New Jersey.

AUGUST

978-0-691-17648-2 **Paper \$45.00T**

280 pages. 3,250 color photos and maps. 5 x 8.

FIELD GUIDES | BUTTERFLIES

A Swift Guide to Butterflies of North America

Second Edition

JEFFREY GLASSBERG

This is a revised second edition of the most detailed, comprehensive, and user-friendly photographic field guide to the butterflies of North America. Written by Jeffrey Glassberg, the pioneering authority on the field identification of butterflies, the guide covers all known species, beautifully illustrating them with 3,500 large, gorgeous color photographs—the very best images available. This second edition includes more than 500 new photos and updated text, maps, and species names. For most species, there are photographs of topsides and undersides, males and females, and variants. All text is embedded in the photographs, allowing swift access in the field, and arrows point to field marks, showing you exactly what to look for. Detailed, same-page range maps include information about the number of broods in each area and where strays have been recorded. Color text boxes highlight information about habitat, caterpillar food plants, abundance and flight period, and other interesting facts. Also included are a quick visual index and a caterpillar food plant index. The result is an ideal field guide that will enable you to identify almost every butterfly you see.

- ◆ A revised second edition of the most comprehensive photographic field guide to North American butterflies, featuring more than 500 new photos and updated text, maps, and species names
- ◆ Written by the pioneering authority on the field identification of butterflies
- ◆ Beautifully illustrated with 3,500 color photographs that show all known species, including views of topsides and undersides, males and females, and variants for most species
- ◆ Authoritative text embedded in the photographs for swift access
- ◆ Detailed range maps
- ◆ Color text boxes that highlight information about habitat, food plants, abundance and flight period, and other interesting facts
- ◆ An invaluable tool for field identification

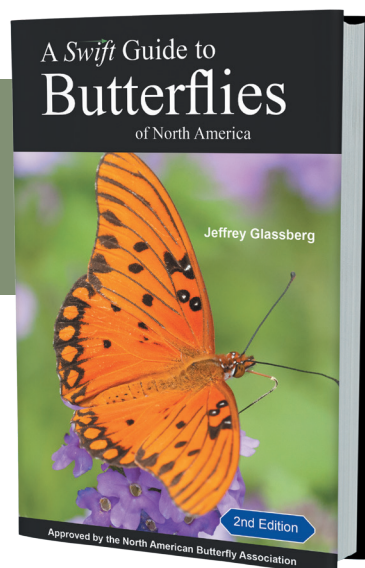
JUNE

978-0-691-17650-5 **Paper \$29.95T**

424 pages. 3,500 color photos and maps. 5 x 8.

FIELD GUIDES | BUTTERFLIES

PRESS.PRINCETON.EDU



A thoroughly revised edition of the most comprehensive and authoritative photographic field guide to North American butterflies

Praise for Jeffrey Glassberg's previous butterfly books:

"Glassberg treats his subject as an open door. Walk through it and begin what can be a lifetime adventure."

—E. O. Wilson

*An essential photographic field guide
to the wildlife of mainland Ecuador*

Wildlife of Ecuador

A Photographic Field Guide to Birds, Mammals,
Reptiles, and Amphibians

ANDRÉS VÁSQUEZ NOBOA

Photography by Pablo Cervantes Daza

Mainland Ecuador's spectacular wildlife makes it a magnet for nature tourists, but until now there hasn't been a go-to, all-in-one guide geared to the general reader. With this handy and accessible guide, visitors now have everything they need to identify and enjoy the majority of birds and animals they are likely to see. Written and illustrated by two of Ecuador's most experienced nature guides and photographers, the book covers more than 350 birds, mammals, amphibians, and reptiles. It features over 400 stunning color photographs and includes a range map for each species, as well as a brief account of the country's natural history and biogeography. With its extensive coverage, attractive and easy-to-use layout, beautiful photographs, and nontechnical text, this is an essential guide.

Andrés Vásquez Noboa works as a guide for Tandayapa Bird Lodge and Tropical Birding Tours. **Pablo Cervantes Daza** works as a guide for Tropical Birding Tours and Capturing Nature Tours.

JULY

978-0-691-16136-5 **Paper \$29.95T**
304 pages. 411 color photos. 341 maps. 6 x 8.

Wildlife Explorer Guides
Distributed by Princeton University Press

FIELD GUIDES | NATURAL HISTORY



72 Natural History



Britain's Spiders

A Field Guide

LAWRENCE BEE, GEOFF OXFORD &
HELEN SMITH

Britain's Spiders is a photographic guide to all 37 of the British families, focussing on spiders that can be identified in the field. Illustrated with a remarkable collection of photographs, it is designed to be accessible to a wide audience, including those new to spider identification. This book pushes the boundaries of field identification for this challenging group by combining information on features that can be seen with the naked eye or a hand lens with additional evidence from webs, egg-sacs, behaviour, phenology, habitats and distributions. Individual accounts cover 390 of Britain's approximately 660 species, with the limitations to field identification explained.

As the first photographic field guide to British spiders to be published since 1989, this book fills a major gap in the resources available to everyone with an interest in this fascinating, diverse and important group of animals.

Lawrence Bee is an ecological consultant and educator. **Geoff Oxford** is a biologist at the University of York. **Helen Smith** is a conservation biologist.

This book is produced in collaboration with the British Arachnological Society (www.britishspiders.org.uk).

MAY

978-0-691-16529-5 **Paper Flexibound \$40.00T**
384 pages. 300+ color photos. 6 x 8.

Britain's Wildlife
Distributed by Princeton University Press

FIELD GUIDES | SPIDERS

REANNOUNCING

Britain's Mammals

A Field Guide to the Mammals of Britain and Ireland

DOMINIC COUZENS, ANDY SWASH, ROBERT STILL
& JON DUNN

Britain's Mammals is a comprehensive and beautifully designed photographic field guide to all the mammals recorded in Britain and Ireland in recent times—including marine mammals, bats and introduced species. The book features hundreds of stunning photographs and incorporates invaluable tips and suggestions to help you track down and identify even the most difficult species.

This easy-to-use book provides an introduction to the different types of mammal and concise species accounts that include details of habitat, daily and yearly activity rhythms, feeding behaviour, sounds, breeding biology and general habits. It also contains descriptions of key field signs—including tracks, scats and nests—that give away the presence of mammals even when they are out of sight. In addition, guidance is provided on ways of studying and observing mammals—including small-mammal trapping, bat detecting and whale watching—as well as mammal conservation, the law and further sources of useful information. Handy and informative, this guide is the ideal companion for anyone interested in watching mammals in Britain and Ireland.

- ◆ Covers every species of mammal in Britain and Ireland
- ◆ Hundreds of superb colour photographs
- ◆ Descriptions of mammals as you are likely to see them
- ◆ Helpful tips for identifying tracks and other signs you may find in the field
- ◆ Advice on finding and watching mammals

Dominic Couzens is one of Britain's best-known wildlife writers.

Andy Swash is an ecologist, a wildlife photographer and the managing director of WILDGuides. **Robert Still**, the cofounder of WILDGuides, is an ecologist and graphic artist. **Jon Dunn** lives in Shetland, UK, working there and abroad as a wildlife tour guide and writer.

MAY

978-0-691-15697-2 **Paper Flexibound \$29.95†**

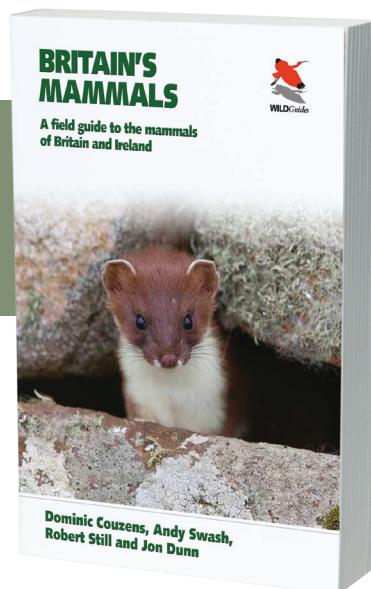
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Britain's Wildlife

Distributed by Princeton University Press

FIELD GUIDES | NATURAL HISTORY

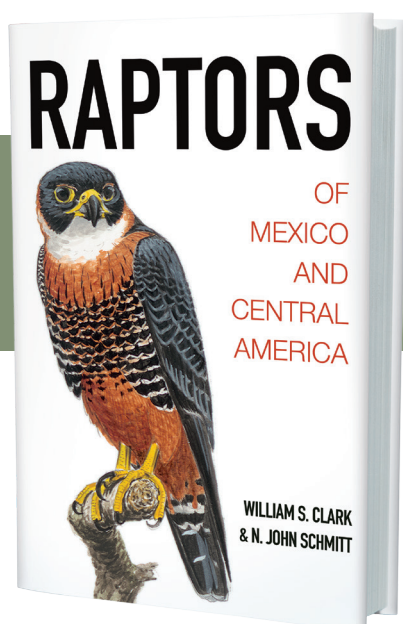
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*A comprehensive photographic
field guide to the mammals of
Britain and Ireland*

PRINCETON
WILDGuides

Natural History 73



*The essential field guide to
the raptors of Mexico and
Central America*

“Accurate, comprehensive, and
authoritative.”
—Sergio Seipke, *Raptours*

Raptors of Mexico and Central America

WILLIAM S. CLARK & N. JOHN SCHMITT

With a foreword by Lloyd Kiff

Raptors are among the most challenging birds to identify in the field due to their bewildering variability of plumage, flight silhouettes, and behavior. *Raptors of Mexico and Central America* is the first illustrated guide to the region's 69 species of raptors, including vagrants. It features 32 stunning color plates and 213 color photos, and a distribution map for each regularly occurring species. Detailed species accounts describe key identification features, age-related plumages, status and distribution, subspecies, molt, habitats, behaviors, potential confusion species, and more.

Raptors of Mexico and Central America is the essential field guide to this difficult bird group and the ideal travel companion for anyone visiting this region of the world.

- ◆ Covers all 69 species of raptors found in Mexico and Central America
- ◆ Features 32 color plates and hundreds of color photos
- ◆ Provides multiple illustrations of each species
- ◆ Depicts and describes variations in plumage by individual, morph, age, and region
- ◆ Describes behavior, food preferences, hunting strategies, vocalizations, and molt
- ◆ Covers rare and extralimital species
- ◆ Includes distribution maps and flight silhouettes

William S. Clark is a raptor photographer, tour guide, and lecturer, and one of the world's leading authorities on raptors. His books include *A Photographic Guide to North American Raptors* (Princeton) and *A Field Guide to the Raptors of Europe, the Middle East, and North Africa*. **N. John Schmitt** is an acclaimed bird artist who specializes in birds of prey. He is the illustrator of *A Field Guide to the Raptors of Europe, the Middle East, and North Africa* and illustrated the diurnal raptors in *Birds of Peru* (Princeton).

APRIL

978-0-691-11649-5 **Cloth \$39.95T**

304 pages. 32 color plates. 213 color photos. 3 line illus. 64 maps. 6 ½ x 10.

FIELD GUIDES | BIRDS

A Photographic Field Guide to the Birds of India, Pakistan, Nepal, Bhutan, Sri Lanka, and Bangladesh

BIKRAM GREWAL, SUMIT SEN, SARWANDEEP SINGH, NIKHIL DEVASAR & GARIMA BHATIA

This is the only comprehensive photographic field guide to the birds of the entire Indian subcontinent. Every distinct species and subspecies—some 1,375 in all—is covered with photographs, text, and maps. The guide features more than 4,000 stunning photographs, many never before published, which have been carefully selected to illustrate key identification features of each species. The up-to-date facing-page text includes concise descriptions of plumage, voice, range, habitat, and recent taxonomic changes. Each species has a detailed map reflecting the latest distribution information and containing notes on status and population density. The guide also features an introduction that provides an overview of birdlife and a brief history of ornithology in India and its neighbors. The result is an encyclopedic photographic guide that is essential for everyone birding anywhere in the subcontinent.

- ◆ Covers all 1,375 subcontinental bird species
- ◆ Features more than 4,000 stunning photographs to aid quick field identification
- ◆ Includes up-to-date facing-page text and range maps
- ◆ Contains concise descriptions of plumage, voice, habitat, and much more

Bikram Grewal is the author of more than twenty books, including *A Photographic Guide to the Birds of India and the Indian Subcontinent* (Princeton). **Sumit Sen** is an expert birder and photographer whose work has been published in books and journals worldwide. **Sarwandeep Singh** runs the popular birding website *Birds of India* and is one of India's leading bird photographers. **Nikhil Devasar** runs the Delhi Bird Club and is a widely published bird photographer. **Garima Bhatia** is an avid birder and photographer who has traveled widely in India and beyond.

MAY

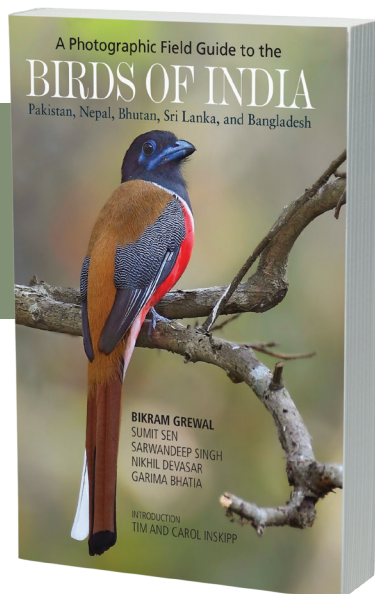
978-0-691-17649-9 **Paper \$45.00T**

792 pages. 4,000+ color photos. 1,300+ maps. 6 x 8 ½.

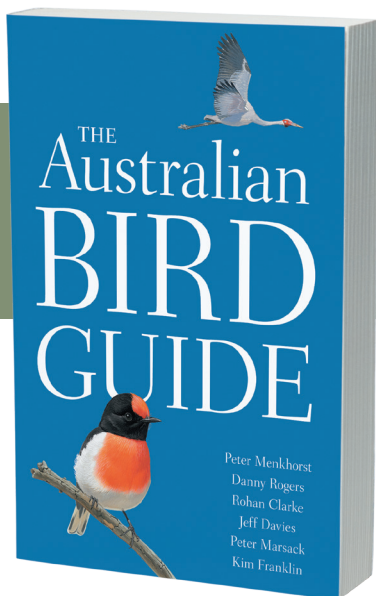
For sale only in North America

FIELD GUIDES | BIRDS

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The only comprehensive photographic field guide to the birds of the entire Indian subcontinent



The Australian Bird Guide

PETER MENKHORST, DANNY ROGERS,
ROHAN CLARKE, JEFF DAVIES, PETER MARSACK
& KIM FRANKLIN

*A new in-depth field guide to
Australian birds*

“This guide contains lots of great information, which will make field identification of problematic species much easier. Clearly, the authors and artists know their subjects well. Given its comprehensive coverage of all species, the book will get wide usage among visitors and resident birders.”
—Iain Campbell, coauthor of *Birds of Australia: A Photographic Guide*

The Australian avifauna is large, diverse, and spectacular, reflecting the continent’s impressive habitats and evolutionary history. Looking at more than 900 species, *The Australian Bird Guide* is the most comprehensive field guide on Australian birds available, and contains by far the best coverage of southern seabirds. With 249 color plates containing 4,000 stunning images, this book offers a far more in-depth treatment of subspecies, rarities, and overall plumage variation than comparative guides. The artwork meets the highest standards, and the text is rigorously accurate and current in terms of identification details, distribution, and status. *The Australian Bird Guide* sets a new bar for coverage of Australia’s remarkable avifauna and is indispensable to all birders and naturalists interested in this area of the world, including the southern oceans.

- ◆ Brand-new guide with an attractive look and design
- ◆ 249 color plates containing 4,000 superb images by some of the most talented illustrators working in Australia today
- ◆ Every bird species in Australia is covered (more than 900)

Peter Menkhorst is a principal scientist with the Victorian government and has forty years’ experience in ecological research and the survey and management of Australian mammals and birds.

Danny Rogers is an ornithologist specializing in shorebird ecology and patterns of feather molt in birds, and works for the Victorian government environment department. **Rohan Clarke** is a lecturer in vertebrate ecology at the School of Biological Sciences, Monash University. **Jeff Davies** is a Melbourne-based artist who specializes in portraits of Australian birds and their environments. **Peter Marsack** is an award-winning wildlife artist based in Canberra. **Kim Franklin** is a freelance artist and illustrator who has exhibited worldwide and is based in Adelaide.

APRIL

978-0-691-17301-6 **Paper \$39.95T**

560 pages. 249+ color plates and maps. 6 ½ x 9 ½.

Princeton Field Guides

For sale only in North and South America

FIELD GUIDES | BIRDS

A NEW YORK TIMES BESTSELLER

The Rise and Fall of American Growth

The U.S. Standard of Living since the Civil War

ROBERT J. GORDON

In the century after the Civil War, an economic revolution improved the American standard of living in ways previously unimaginable. Electric lighting, indoor plumbing, motor vehicles, air travel, and television transformed households and workplaces. But has that era of unprecedented growth come to an end? Weaving together a vivid narrative, historical anecdotes, and economic analysis, *The Rise and Fall of American Growth* provides an in-depth account. Gordon challenges the view that economic growth will continue unabated, and he demonstrates that the life-altering scale of innovations between 1870 and 1970 cannot be repeated. He contends that the nation's productivity growth will be further held back by the headwinds of rising inequality, stagnating education, an aging population, and the rising debt of college students and the federal government; and that we must find new solutions to overcome the challenges facing us. A critical voice in the debates over economic stagnation, *The Rise and Fall of American Growth* is at once a tribute to a century of radical change and a harbinger of tougher times to come.

"A fantastic read."—Bill Gates, *GatesNotes*

"A magisterial combination of deep technological history, vivid portraits of daily life over the past six generations and careful economic analysis."—Paul Krugman, *New York Times Book Review*

"[A] masterpiece."—Martin Wolf, *Financial Times*

MAY

978-0-691-17580-5 **Paper \$24.95**

978-0-691-14772-7 **Cloth 2015**

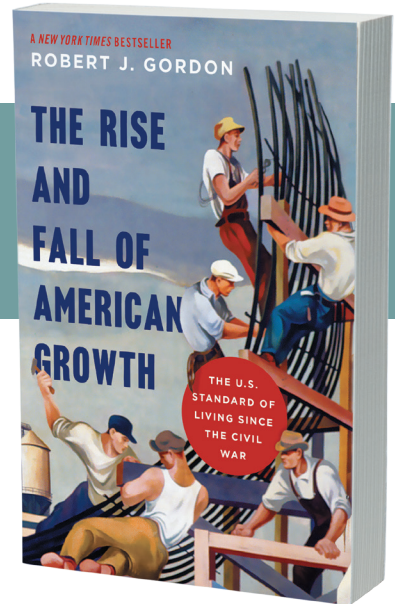
784 pages. 96 line illus. 32 tables. 5 x 8.

The Princeton Economic History of the Western World

Joel Mokyr, Series Editor

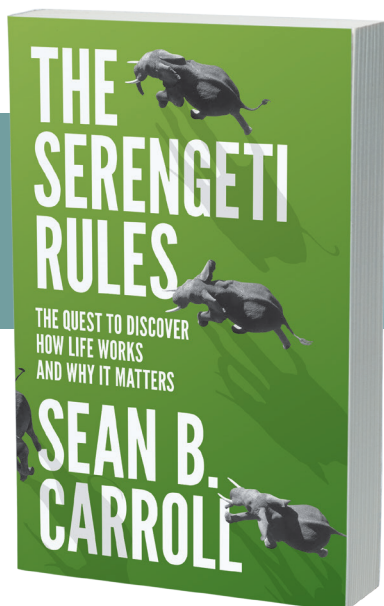
Longlisted for the Financial Times & McKinsey Business Book of the Year 2016

POPULAR ECONOMICS | HISTORY



The New York Times bestseller about why America's high-growth era may be over

Robert J. Gordon is professor in social sciences at Northwestern University. His books include *Productivity Growth, Inflation, and Unemployment* and *Macroeconomics*. Gordon was included in the 2013 Bloomberg list of the nation's most influential thinkers.



The Serengeti Rules

The Quest to Discover How Life Works and Why It Matters

SEAN B. CARROLL

The compelling story of the rules that govern all life, from an award-winning scientist and National Book Award finalist

Sean B. Carroll is an award-winning scientist, writer, educator, and executive producer. He is vice president for science education at the Howard Hughes Medical Institute and professor of molecular biology and genetics at the University of Wisconsin–Madison. His books include *Endless Forms Most Beautiful*, *Brave Genius*, and *Remarkable Creatures*, which was a finalist for the National Book Award for nonfiction.

How does life work? How does nature produce the right numbers of zebras and lions on the African savanna, or fish in the ocean? How do our bodies produce the right numbers of cells in our organs and bloodstream? In *The Serengeti Rules*, Sean Carroll tells the stories of the pioneering scientists who sought the answers to such simple yet profoundly important questions, and shows how their discoveries matter for our health and the health of the planet. One of the most important revelations about the natural world is that everything is regulated by rules. And the most surprising revelation about the rules that regulate life is that they are remarkably similar—there is a common underlying logic. Carroll recounts how our deep knowledge of the rules and logic of the human body has spurred the advent of revolutionary, life-saving medicines, and makes the compelling case that it is now time to use the Serengeti Rules to heal our ailing planet. This paperback edition features a new conversation with Sean Carroll, in which he discusses many of the questions raised by the book. *The Serengeti Rules* is a bold and inspiring synthesis, and the first book to illuminate how life works at vastly different scales.

“This is a visionary book.”—Peter Forbes, *Guardian*

“A compelling read filled with big, bold ideas.”—*Nature*

“*The Serengeti Rules* is a superb journey of a book written by a scientist of the first rank. Unfolding seamlessly from molecule to ecosystem, it explains with authority and grace why modern biology is central not just to human life but to that of the planet itself.”

—Edward O. Wilson, Harvard University

“Original, provocative, and beautifully crafted, Carroll’s book provides a glimpse into the deeper laws of biology that govern the earth.”—Siddhartha Mukherjee, author of *The Emperor of All Maladies: A Biography of Cancer*

MARCH

978-0-691-17568-3 **Paper \$16.95T**

978-0-691-16742-8 **Cloth 2016**

280 pages. 26 halftones. 18 line illus. 1 map. 5 x 8.

POPULAR SCIENCE | NATURE

ISIS

A History

FAWAZ A. GERGES

The Islamic State has stunned the world with its savagery, destructiveness, and military and recruiting successes. What explains the rise of ISIS, and what does it portend for the future of the Middle East? In this book, one of the world's leading authorities on political Islam and jihadism sheds new light on these questions. Moving beyond journalistic accounts, Fawaz Gerger provides a clear and compelling explanation of the deeper conditions that fuel ISIS. This unique history shows how decades of dictatorship, poverty, and rising sectarianism in the Middle East, exacerbated by foreign intervention, led to the rise and growth of ISIS—and why addressing those problems is the only way to ensure its end. An authoritative introduction to arguably the most important conflict in the world today, this is an essential book for anyone seeking a deeper understanding of the social turmoil and political violence ravaging the Arab-Islamic world.

"The achievement of Fawaz Gerger ... in his compelling, insightful book is to highlight the social and sectarian pressures that led so many Iraqi and Syrian Sunnis to turn to Isis as protectors."

—Michael Burleigh, *Times*

"Well-researched and lucidly argued."—Malise Ruthven, *New York Review of Books*

"An essential read."—*Publishers Weekly*

"A thorough survey of the genesis of the Islamic State, from al-Qaida wannabe to lethal caliphate. ... [And] a specific, timely, well-rendered exegesis of the unfolding global threat."—*Kirkus*

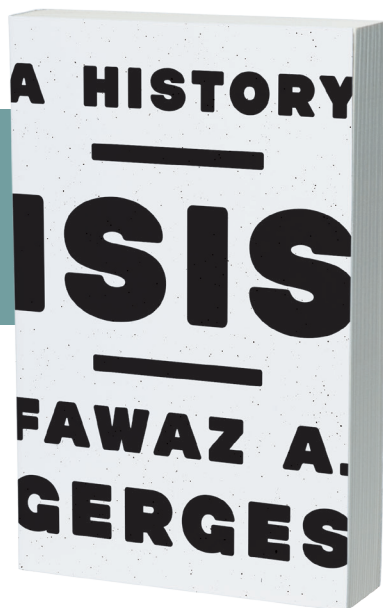
MARCH

978-0-691-17579-9 **Paper \$17.95**T

978-0-691-17000-8 Cloth 2016

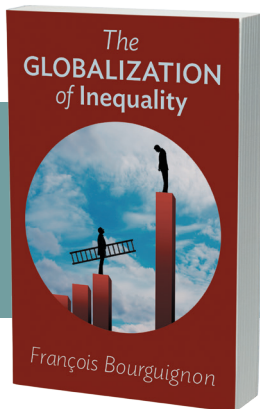
384 pages. 5 x 8.

CURRENT EVENTS | MIDDLE EAST STUDIES | POLITICS



"The definitive book" (*Fareed Zakaria*) on ISIS, from a leading scholar of jihadism

Fawaz A. Gerger is professor of international relations and Emirates Professor in Contemporary Middle East Studies at the London School of Economics and Political Science. His many books include *The New Middle East*, *Obama and the Middle East*, and *The Far Enemy*. His writing has appeared in the *New York Times*, the *Washington Post*, the *Guardian*, *Foreign Affairs*, and other publications.



The Globalization of Inequality

FRANÇOIS BOURGUIGNON

Translated by Thomas Scott-Railton
With a new preface by the author

In *The Globalization of Inequality*, distinguished economist and policymaker François Bourguignon examines the complex and paradoxical links between a vibrant world economy that has raised the living standard of over half a billion people in emerging nations and the exponentially increasing inequality within countries. Bourguignon takes an original and truly international approach to examining globalization's role in the decrease in inequality *between* nations, the increase in inequality *within* nations, and the policies that might moderate inequality's negative effects. This book is essential reading for anyone interested in the future of the world economy.

"An amazing amount can be learned from this slim volume on inequality within and across nations."—Kaushik Basu, chief economist and senior vice president of the World Bank

François Bourguignon is professor emeritus and former director at the Paris School of Economics. From 2003 to 2007 he was chief economist and senior vice president of the World Bank.

FEBRUARY

978-0-691-17564-5 **Paper \$18.95T**

978-0-691-16052-8 Cloth 2015

224 pages. 3 line illus. 2 tables. 5 ½ x 8 ½.

One of the Financial Times's Best Books in Economics 2015

One of the Financial Times's Summer Books of 2015

POPULAR ECONOMICS | PUBLIC POLICY

80 Paperbacks



Europe's Orphan

The Future of the Euro and the Politics of Debt
New Edition

MARTIN SANDBU

With a new preface by the author on Brexit and an updated chapter on Britain's place in Europe after the EU referendum

In *Europe's Orphan*, leading economic commentator Martin Sandbu presents a compelling defense of the euro. Rather than blaming the euro for the political and economic failures in Europe since the global financial crisis, he argues that the responsibility lies firmly with policy choices by the authorities of the eurozone and its member countries. This edition contains a new preface addressing the economic and political implications of the Brexit, as well as updated text throughout.

"Books that attack the conventional wisdom are refreshing. They force us to rethink. That is what Martin Sandbu's *Europe's Orphan* does—and what makes it stand out in the increasingly crowded field of euro-crisis analysis."—Paul De Grauwe, *Financial Times*

Martin Sandbu has been writing about economics for the *Financial Times* since 2009. Previously, he was a senior research fellow at the Zicklin Center for Business Ethics Research at the Wharton School of the University of Pennsylvania.

MARCH

978-0-691-17594-2 **Paper \$19.95T**

978-0-691-16830-2 Cloth 2015

336 pages. 25 line illus. 6 x 9.

One of the Financial Times's Best Books in Economics 2015

POPULAR ECONOMICS | CURRENT AFFAIRS

Between Debt and the Devil

Money, Credit, and Fixing Global Finance

ADAIR TURNER

With a new afterword by the author

Adair Turner became chairman of Britain's Financial Services Authority just as the global financial crisis struck in 2008, and he played a leading role in redesigning global financial regulation. In this eye-opening book, he sets the record straight about what really caused the crisis. It didn't happen because banks are too big to fail—our addiction to private debt is to blame. *Between Debt and the Devil* shows why we need to reject the assumptions that private credit is essential to growth and that fiat money is inevitably dangerous. Each has its advantages, and each creates risks that public policy must consciously balance.

"A masterwork! Insightful . . . and persuasive."—Paul Volcker, former chairman of the U.S. Federal Reserve

"This is the most penetrating analysis of the inherent imperfections of our financial system to appear since the crash of 2008. It will and should provoke extensive debates about the policies needed to avoid future crises."—George Soros

"Turner's fresh and deep insights into our financial system come with the expertise of an insider. *Between Debt and the Devil* is a landmark in monetary economics, with profound implications for policy reform."—Joseph E. Stiglitz, Nobel Laureate in Economics

"Extensively researched and well-written."—Edward Chancellor, *Wall Street Journal*

MARCH

978-0-691-17598-0 **Paper \$17.95^T**

978-0-691-16964-4 **Cloth 2015**

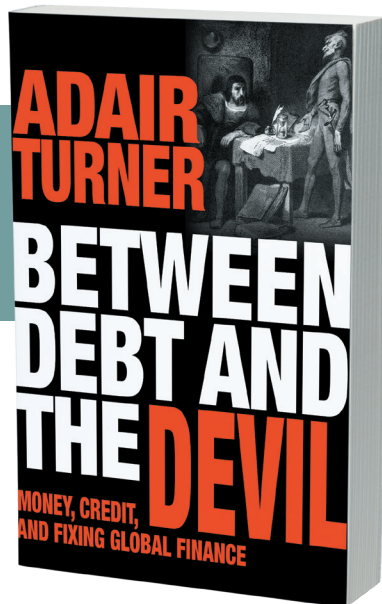
320 pages. 19 line illus. 5 x 8.

One of the Financial Times's Best Books in Economics 2015

One of the Independent's Best Economics Books of 2015

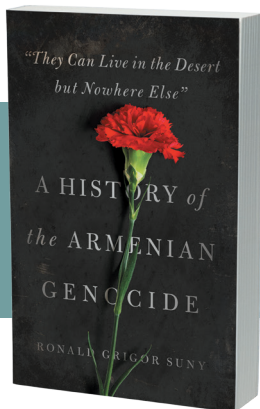
One of Bloomberg Businessweek's Best Books of 2015

POPULAR ECONOMICS | FINANCE



An acclaimed account of why our addiction to debt is the root of global financial woes

Adair Turner is chairman of the Institute for New Economic Thinking and the author of *Economics after the Crisis*.



"They Can Live in the Desert but Nowhere Else"

A History of the Armenian Genocide

RONALD GRIGOR SUNY

Starting in early 1915, the Ottoman Turks began deporting and killing hundreds of thousands of Armenians in the first major genocide of the twentieth century. By the end of the First World War, the number of Armenians in what would become Turkey had been reduced by 90 percent—more than a million people. A century later, the Armenian Genocide remains controversial but relatively unknown. In this definitive narrative history, Ronald Suny cuts through nationalist myths, propaganda, and denial to provide an unmatched account of when, how, and why the atrocities of 1915–16 were committed.

"If you read one book about the 1915 genocide, make this it."—Tony Barber, *Financial Times*

Ronald Grigor Suny is the William H. Sewell Jr. Distinguished University Professor of History at the University of Michigan and Senior Researcher at the National Research University–Higher School of Economics in St. Petersburg.

MAY

978-0-691-17596-6 **Paper \$22.95T**

978-0-691-14730-7 Cloth 2015

520 pages. 25 halftones. 5 maps. 6 x 9.

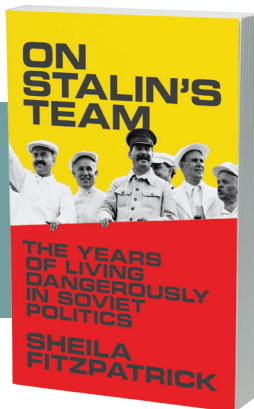
Human Rights and Crimes against Humanity
Eric D. Weitz, Series Editor

One of the Financial Times's Best Books in History 2015

One of the Financial Times's Summer Books of 2015

HISTORY

82 Paperbacks



On Stalin's Team

The Years of Living Dangerously in Soviet Politics

SHEILA FITZPATRICK

Stalin was the unchallenged dictator of the Soviet Union for so long that most historians have dismissed the officials surrounding him as mere yes-men and political window dressing. *On Stalin's Team* overturns this view, revealing that behind Stalin was a group of loyal men who formed a remarkably effective team with him from the late 1920s until his death in 1953. Drawing on extensive original research, Sheila Fitzpatrick provides the first in-depth account of this inner circle and their families.

"A superb group portrait of the dictator's closest lieutenants at a pivotal moment in history."—Joshua Rubenstein, *Wall Street Journal*

"[A] superbly researched, intelligent book."
—Donald Rayfield, *Guardian*

Sheila Fitzpatrick is professor of history at the University of Sydney and Distinguished Service Professor Emerita at the University of Chicago.

JUNE

978-0-691-17577-5 **Paper \$22.95T**

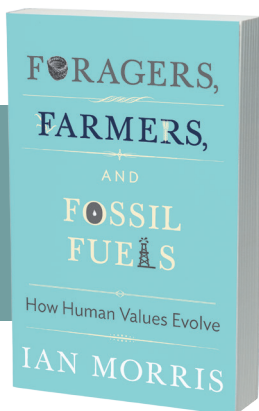
978-0-691-14533-4 Cloth 2015

400 pages. 30 halftones. 6 x 9.

2015 Silver Winner in History, ForeWord Reviews's
INDIEFAB Book of the Year Awards

Not for sale in Australia and New Zealand

HISTORY



Foragers, Farmers, and Fossil Fuels

How Human Values Evolve

IAN MORRIS

Most people in the world today think democracy and gender equality are good, and that violence and wealth inequality are bad. But most people who lived during the ten thousand years before the nineteenth century thought just the opposite. Drawing on archaeology, anthropology, biology, and history, Ian Morris explains why.

“Excellent and thought-provoking. . . . More important, by putting forth a bold, clearly formulated hypothesis, Morris has done a great service to the budding field of scientific history.”—Peter Turchin, *Science*

“A provocative explanation for the evolution and divergence of ethical values. . . . In the hands of this talented writer and thinker, [this] material becomes an engaging intellectual adventure.”—*Kirkus*

Ian Morris is professor of classics and a fellow of the Stanford Archaeology Center at Stanford University.

JUNE

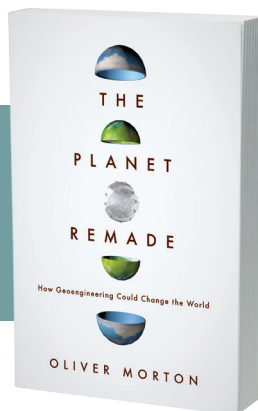
978-0-691-17589-8 **Paper \$19.95T**

978-0-691-16039-9 Cloth 2015

400 pages. 2 halftones. 28 line illus. 2 tables. 6 maps. 5 ½ x 8 ½.

The University Center for Human Values Series
Charles R. Beitz, Series Editor

HISTORY



The Planet Remade

How Geoengineering Could Change the World

OLIVER MORTON

The risks of global warming are pressing and potentially vast. There is an urgent need to rethink our response to the crisis. To meet that need, a small but increasingly influential group of scientists is exploring proposals for planned human intervention in the climate system. These are the technologies of geoengineering and, as Oliver Morton argues in *The Planet Remade*, it would be as irresponsible to ignore them as it would be foolish to see them as a simple solution to the problem.

“If you are going to read one book on climate engineering, it should be *The Planet Remade*.”

—Jane C. S. Long, *Nature*

Oliver Morton is briefings editor at the *Economist*, and his writing has appeared in the *New Yorker* and other publications.

MAY

978-0-691-17590-4 **Paper \$16.95T**

978-0-691-14825-0 Cloth 2015

440 pages. 1 halftone. 6 x 9.

One of the Independent's 6 Best Books in Nature 2015

One of the Guardian's Best Books of 2015

One of the Guardian's Best Science Books of 2015

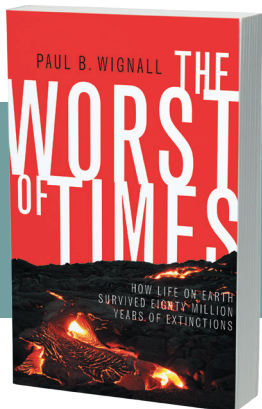
One of LinkedIn's Best Business Books of 2015

Shortlisted for the Royal Society Insight Investment Science Book Prize 2016

Longlisted for the 2015 Samuel Johnson Prize for Nonfiction

Not for sale in the Commonwealth (except Canada)

POPULAR SCIENCE | NATURE



The Worst of Times

How Life on Earth Survived
Eighty Million Years of Extinctions

PAUL B. WIGNALL

Two hundred sixty million years ago, life on Earth suffered wave after wave of cataclysmic extinctions, with the worst wiping out nearly every species on the planet. *The Worst of Times* delves into the mystery behind these extinctions and sheds light on the fateful role the primeval supercontinent, known as Pangea, may have played in causing these global catastrophes.

“[A] great example of scientific sleuthing.”
—*Publishers Weekly*

“Wignall does a wonderful job of describing the mass extinctions from the Middle Permian through the Jurassic. His personal contributions to this field have been influential, and it is great fun to read about the subject through his eyes and the experiences of his research team.”—Jonathan Payne, Stanford University

“This is a story well told.”—Michael J. Benton, author of *The History of Life: A Very Short Introduction*

Paul B. Wignall is professor of paleoenvironments at the University of Leeds.

MAY

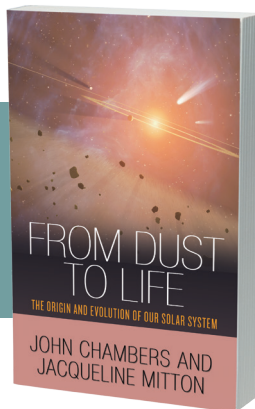
978-0-691-17602-4 **Paper \$19.95T**

978-0-691-14209-8 Cloth 2015

240 pages. 16 color illus. 2 halftones.

11 line illus. 5 ½ x 8 ½.

POPULAR SCIENCE | EARTH SCIENCE



From Dust to Life

The Origin and Evolution of Our Solar System

JOHN CHAMBERS &
JACQUELINE MITTON

With a new afterword by the authors

The birth and evolution of our solar system is a tantalizing mystery that may one day provide answers to the question of human origins. *From Dust to Life* tells the remarkable story of how the celestial objects that make up the solar system originated from common beginnings billions of years ago, and how scientists and philosophers have sought to unravel this mystery for centuries, gradually piecing together the clues that enabled them to deduce the solar system's layout, its age, and the most likely way it formed.

“A stellar read.”—*Nature*

“[This book] provides a truly comprehensive overview of our solar system's origins and is written in plain, jargon-free language.”—Marcus Chown, *New Scientist*

“Incredibly thorough and detailed, yet very accessible to non-scientists too. . . . A compelling overview of the evolution of the Solar System.”

—Katia Moskvitch, *BBC Sky at Night*

John Chambers is a planetary scientist in the Department of Terrestrial Magnetism at the Carnegie Institution for Science. **Jacqueline Mitton** is a writer, editor, and media consultant in astronomy.

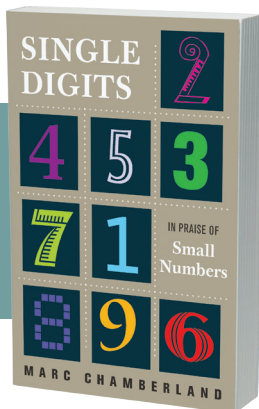
MAY

978-0-691-17570-6 **Paper \$22.95T**

978-0-691-14522-8 Cloth 2013

320 pages. 41 halftones. 19 line illus. 7 tables. 6 x 9.

POPULAR SCIENCE | ASTRONOMY



Single Digits

In Praise of Small Numbers

MARC CHAMBERLAND

In *Single Digits*, Marc Chamberland takes readers on a fascinating exploration of small numbers, from one to nine, looking at their history, applications, and connections to various areas of mathematics, including number theory, geometry, chaos theory, numerical analysis, and mathematical physics. Appealing to high school and college students, professional mathematicians, and those mesmerized by patterns, this book shows that single digits offer a plethora of possibilities that readers can count on.

“Fascinating. . . Chamberland offers enticing explanations that will leave readers hungry to know more. This wonderful book never loses its focus or momentum.”—*Publishers Weekly*

“To put it simply, this book is a delight. Chamberland has assembled a fascinating collection of vignettes, each tied to a digit from one to nine, that inform, entertain, and intrigue.”—*Choice*

Marc Chamberland is professor of mathematics and natural sciences at Grinnell College. He is the creator of the YouTube channel *Tipping Point Math*, which strives to make mathematics accessible to everyone.

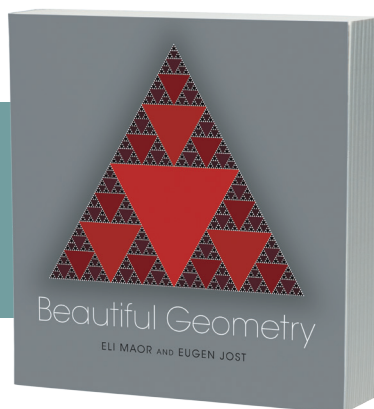
JUNE

978-0-691-17569-0 **Paper \$17.95T**

978-0-691-16114-3 Cloth 2015

240 pages. 24 halftones. 93 line illus. 18 tables. 6 x 9.

POPULAR MATHEMATICS



Beautiful Geometry

ELI MAOR & EUGEN JOST

If you've ever thought that mathematics and art don't mix, this stunning visual history of geometry will change your mind. As much a work of art as a book about mathematics, *Beautiful Geometry* presents more than sixty exquisite color plates illustrating a wide range of geometric patterns and theorems, accompanied by brief accounts of the fascinating history and people behind each.

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—*Scientific American*

“A beautiful book that is as delightful to see as to read. Once you start you are compelled to read the next subject, and the next, and the next.”

—*Zentralblatt MATH*

Eli Maor is the author of *To Infinity and Beyond, e: The Story of a Number*, *Trigonometric Delights*, *Venus in Transit*, and *The Pythagorean Theorem: A 4,000-Year History* (all Princeton) and has taught the history of mathematics at Loyola University Chicago. **Eugen Jost** is a well-known Swiss artist whose work is strongly influenced by mathematics.

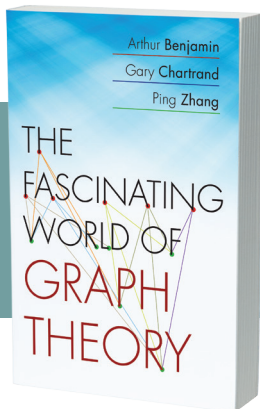
APRIL

978-0-691-17588-1 **Paper \$22.95T**

978-0-691-15099-4 Cloth 2013

208 pages. 66 color illus. 64 line illus. 9 x 9 ½.

POPULAR MATHEMATICS



The Fascinating World of Graph Theory

ARTHUR BENJAMIN, GARY CHARTRAND
& PING ZHANG

Graph theory goes back several centuries and revolves around the study of graphs—mathematical structures showing relations between objects. With applications in biology, computer science, transportation science, and other areas, graph theory encompasses some of the most beautiful formulas in mathematics—and some of its most famous problems. An eye-opening journey into the world of graphs, this book offers exciting problem-solving possibilities for mathematics and beyond.

“Deftly written and dynamic.... *The Fascinating World of Graph Theory* is an aptly named book, able to present a wide variety of central topics in graph theory, including the history behind them ... in a lively and entertaining manner.... A superb example of approachable mathematical writing.”—*SIAM Review*

Arthur Benjamin is professor of mathematics at Harvey Mudd College. **Gary Chartrand** is professor emeritus of mathematics at Western Michigan University. **Ping Zhang** is professor of mathematics at Western Michigan University.

JUNE

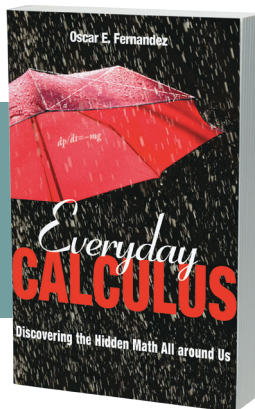
978-0-691-17563-8 **Paper \$19.95T**

978-0-691-16381-9 **Cloth 2014**

344 pages. 300 line illus. 6 x 9.

One of Choice's Outstanding Academic Titles for 2015

POPULAR MATHEMATICS



Everyday Calculus

Discovering the Hidden Math All around Us

OSCAR E. FERNANDEZ

With a new preface by the author

Calculus. For some of us, the word conjures up memories of ten-pound textbooks and visions of tedious abstract equations. And yet, in reality, calculus is fun and accessible, and surrounds us everywhere we go. In *Everyday Calculus*, Oscar Fernandez demonstrates that calculus can be used to explore practically any aspect of our lives, including the most effective number of hours to sleep and the fastest route to get to work. Whether you're new to mathematics or already a curious math enthusiast, *Everyday Calculus* will convince even die-hard skeptics to view this area of math in a whole new way.

“Written in a bright conversational tone, [*Everyday Calculus*] wonderfully integrates calculus into everyday life.”—*Guardian*

“Fernandez's witty, delightful approach makes for a winning introduction to the wonderland of math behind the scenes of everyday life.”—*Publishers Weekly*

Oscar E. Fernandez is assistant professor of mathematics at Wellesley College. He is the author of *The Calculus of Happiness* (see page 39).

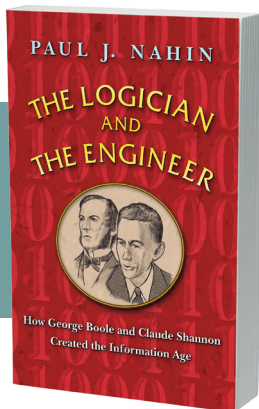
MARCH

978-0-691-17575-1 **Paper \$17.95T**

978-0-691-15755-9 **Cloth 2014**

168 pages. 47 line illus. 1 table. 6 x 9.

POPULAR MATHEMATICS



The Logician and the Engineer

How George Boole and Claude Shannon Created the Information Age

PAUL J. NAHIN

In *The Logician and the Engineer*, Paul Nahin combines engaging problems and a colorful historical narrative to tell the remarkable story of how two men in different eras—mathematician and philosopher George Boole and electrical engineer and pioneering information theorist Claude Shannon—advanced Boolean logic and became founding fathers of the electronic communications age. Nahin takes readers from fundamental concepts to a deeper and more sophisticated understanding of modern digital machines, in order to explore computing and its possible limitations in the twenty-first century and beyond.

“Paul J. Nahin really knows how to tell a good story. . . . *The Logician and the Engineer* is truly a gem.”
—*New York Journal of Books*

“Meshing logic problems with the stories of two extraordinary men . . . Paul Nahin fashions a tale of innovation and discovery.”—*Nature*

Paul J. Nahin is professor emeritus of electrical engineering at the University of New Hampshire (see page 93 for another book by Paul J. Nahin).

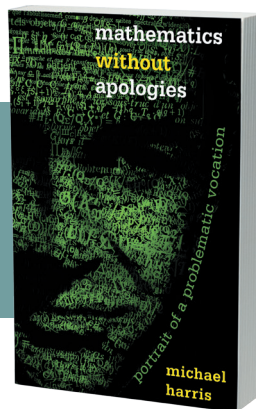
APRIL

978-0-691-17600-0 **Paper \$17.95T**

978-0-691-15100-7 **Cloth 2012**

248 pages. 2 halftones. 41 line illus. 25 tables. 6 x 9.

POPULAR MATHEMATICS | POPULAR SCIENCE



Mathematics without Apologies

Portrait of a Problematic Vocation

MICHAEL HARRIS

With a new preface by the author

What do pure mathematicians do, and why do they do it? Looking beyond the conventional answers—for the sake of truth, beauty, and practical applications—this book offers an eclectic panorama of the lives and values and hopes and fears of mathematicians in the twenty-first century. Drawing on his personal experiences and obsessions as well as the thoughts and opinions of other mathematicians, Michael Harris reveals the charisma and romance of mathematics, as well as its darker side.

“A wry and insightful look at what being a pure mathematician is all about, as seen from the inside.”—Steven Strogatz, *Physics Today*

“A kaleidoscope of philosophical, sociological, historical and literary perspectives on what mathematicians do, and why.”—Amir Alexander, *Nature*

Michael Harris is professor of mathematics at the Université Paris Diderot and Columbia University.

JUNE

978-0-691-17583-6 **Paper \$22.95T**

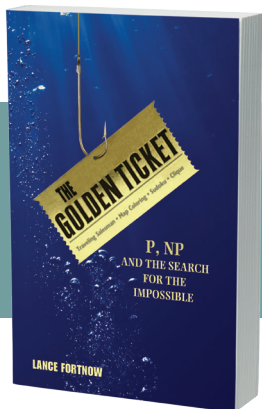
978-0-691-15423-7 **Cloth 2014**

464 pages. 16 halftones. 34 line illus. 6 x 9.

One of Choice's Outstanding Academic Titles for 2015

Winner of the 2016 PROSE Award in Mathematics, Association of American Publishers

POPULAR MATHEMATICS



The Golden Ticket

P, NP, and the Search for the Impossible

LANCE FORTNOW

The P-NP problem is the most important open problem in computer science, if not all of mathematics. Simply stated, it asks whether every problem whose solution can be quickly checked by computer can also be quickly solved by computer. *The Golden Ticket* provides a nontechnical introduction to P-NP, its rich history, and its algorithmic implications for everything we do with computers and beyond.

"You will love this book. It's completely accessible and captures the thrill, potential, and heartbreak of an edgy mathematical problem in terms that nonmathematicians will appreciate."—Vint Cerf, Internet pioneer

"To postulate that $P \neq NP$, as Fortnow does, is to allow for a world of mystery, difficulty, and frustration—but also of discovery and inquiry, of pleasures pleasingly delayed."—Alexander Nazaryan, *New Yorker*

Lance Fortnow is professor and chair of the School of Computer Science at Georgia Institute of Technology.

MARCH

978-0-691-17578-2 **Paper \$17.95T**

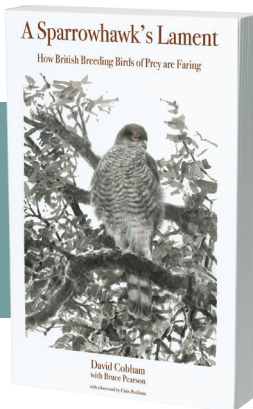
978-0-691-15649-1 Cloth 2013

192 pages. 41 halftones. 41 line illus. 6 x 9.

One of Amazon.com's Best Science Books of 2013

One of Choice's Outstanding Academic Titles for 2013

POPULAR MATHEMATICS | COMPUTER SCIENCE



A Sparrowhawk's Lament

How British Breeding Birds of Prey Are Faring

DAVID COBHAM WITH BRUCE PEARSON

With a foreword by Chris Packham

Britain is home to fifteen species of breeding birds of prey, from the hedgerow-hopping Sparrowhawk to the breathtaking White-tailed Eagle. In this handsomely illustrated book, acclaimed British filmmaker and naturalist David Cobham offers unique and deeply personal insights into Britain's birds of prey and how they are faring today.

"Engrossing, entertaining and covering a vast range of subjects, this is a highly recommended read."—Matt Merritt, *Birdwatching Magazine*

"Engaging reading. The book will remain a firm favourite with those, like me, for whom these are special birds."—Mike Toms, *BBC Wildlife Magazine*

David Cobham is a renowned British film and television producer and director, notable for such films as *The Goshawk*, *The Vanishing Hedgerows* and *Tarka the Otter*. **Bruce Pearson** is the author and illustrator of *Troubled Waters: Trailing the Albatross, an Artist's Journey*; *Birdscape*; and *An Artist on Migration*.

MAY

978-0-691-17572-0 **Paper \$19.95T**

978-0-691-15764-1 Cloth 2014

256 pages. 80 line illus. 6 x 8 ½.

One of the Independent's Best Nature Books for 2014

Distributed by Princeton University Press

NATURAL HISTORY | BIRDS



The Process Matters

Engaging and Equipping People for Success

JOEL BROCKNER

We do business in a results-oriented world. Our focus on growth is laudable for its clarity, but it is not only what we accomplish that matters but also how we accomplish it. In *The Process Matters*, Joel Brockner shows that managers must reach those ends in the right ways—with input, consistency, and accountability—if they want to effectively lead and manage in their organizations. Brockner discusses what goes into the right process, how it leads to better outcomes, and how to overcome obstacles along the way. He demonstrates that a high-quality process often costs little and may not even require a great deal of time; and in light of these facts considers the puzzling question of why good business practice doesn't happen more often. Brockner draws from various real-life workplace examples and factors in a wide swath of studies to examine the ways that managers can bring out the best in their people. Relevant to anyone who is in a managerial position—from the CEO on down—*The Process Matters* proves that seemingly simple differences in process can go a long way.

“One of the world's leading experts on organizational life shows us how to promote fairness and make change happen. With rigorous data and real examples, *The Process Matters* delivers insights that are both accessible and actionable.”—Adam Grant, Wharton School, University of Pennsylvania and author of *Give and Take*

“While many books have identified how to achieve optimal results in the workplace, *The Process Matters* smartly focuses on creating the most functional, efficient, and dynamic processes from the start. A must-read!”—Marshall Goldsmith, Thinkers50 Top Ten Global Business Thinker and executive coach

MAY

978-0-691-17567-6 **Paper \$18.95T**

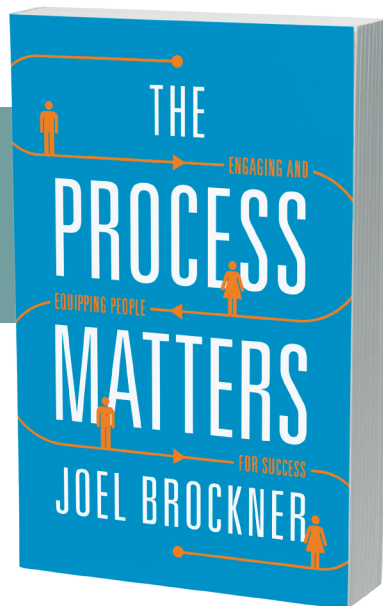
978-0-691-16505-9 Cloth 2015

352 pages. 3 line illus. 2 tables. 5 ½ x 8 ½.

Winner of the 2016 Bronze Medal in Operations Management/Lean/Continuous Improvement, Axiom Business Book Awards

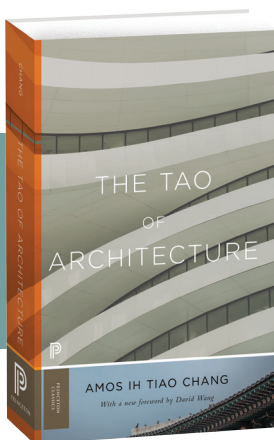
Honorable Mention for the 2016 PROSE Award in Business, Finance & Management, Association of American Publishers

BUSINESS | PSYCHOLOGY



How the right business practices lead to the best results

Joel Brockner is the Phillip Hettelman Professor of Business at Columbia Business School.



The Tao of Architecture

AMOS IH TIAO CHANG

With a new foreword by David Wang

Frank Lloyd Wright first noted the affinity between modern Western architecture and the philosophy of the ancient Chinese writer Laotzu. In this classic work, Amos Ih Tiao Chang expands on that idea, developing the parallel with the aid of architectural drawings and Chinese paintings. Now with a new foreword by David Wang, this book reveals the vitality of intangible, or negative, elements. Chang writes that these qualities make architectonic forms “come alive, become human, naturally harmonize with one another, and enable us to experience them with human sensibility.” *The Tao of Architecture* continues to be essential reading for understanding the intersection between architecture and philosophy.

“An extremely captivating and thought-provoking essay.”—*Artibus Asiae*

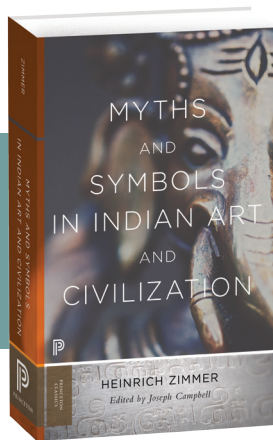
“The measure of Dr. Chang’s achievement is [in] its broad vision and insight. . . . In sum, [this book] wonderfully repays the intense and difficult reading it demands.”—Alan Gowans, *Art Bulletin*

Amos Ih Tiao Chang (1916–98) was professor of architecture at Kansas State University. **David Wang** is professor of architecture in the School of Design and Construction at Washington State University.

APRIL

978-0-691-17571-3 **Paper \$12.95T**
88 pages. 4 halftones. 5 ½ x 8 ½.

ARCHITECTURE | PHILOSOPHY



Myths and Symbols in Indian Art and Civilization

HEINRICH ZIMMER

Edited by Joseph Campbell

A landmark work that demystifies the rich tradition of Indian art, *Myths and Symbols in Indian Art and Civilization* analyzes key motifs found in legend, myth, and folklore taken directly from the Sanskrit. It provides a comprehensive introduction to visual thinking and picture reading in Indian art and thought. Ultimately, the book shows that profound Hindu and Buddhist intuitions on the riddles of life and death are universally recognizable.

“Zimmer moves among [the myths of India] unhurriedly, with a respect that amounts to devotion. Gradually his comments bring to light the universal meanings beneath the archaic exterior.”—*New York Times*

“The Indian material offered is of the best quality: the language in which it is presented is imaginative, figurative, poetic, vigorous.”—W. Norman Brown

Heinrich Zimmer (1890–1943) was a historian of South Asian art. **Joseph Campbell** (1904–1987) was the author of many books on comparative mythology, including *The Hero with a Thousand Faces* and *The Masks of God*.

APRIL

978-0-691-17604-8 **Paper \$17.95T**
304 pages. 5 ½ x 8 ½.

ART | MYTHOLOGY | ASIAN STUDIES

Twelve Who Ruled

The Year of Terror in the French Revolution

R. R. PALMER

With a foreword by Isser Woloch

The Reign of Terror continues to fascinate scholars as one of the bloodiest periods in French history, when the Committee of Public Safety strove to defend the first Republic from its many enemies, creating a climate of fear and suspicion in revolutionary France. R. R. Palmer's fascinating narrative follows the Committee's deputies individually and collectively, recounting and assessing their tumultuous struggles in Paris and their repressive missions in the provinces. A foreword by Isser Woloch explains why this book remains an enduring classic in French revolutionary studies.

"Excellently documented.... [O]ne of the best pictures that has ever been put together of the twelve men who made up [the] Committee of Public Safety.... There is fine scholarship here."—*New York Times*

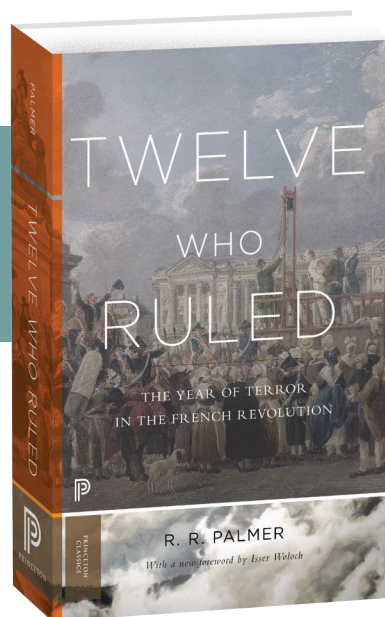
"An excellent book on the administration of France by the great Committee of Public Safety.... [Palmer] has made the members of the Committee living characters and the events of the period real occurrences."—*American Political Science Review*

APRIL

978-0-691-17592-8 **Paper \$24.95T**

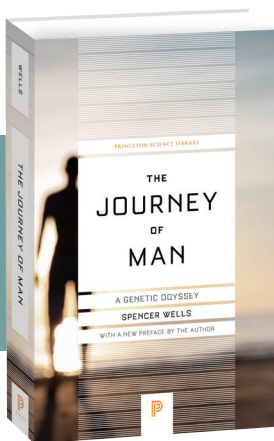
448 pages. 10 halftones. 2 maps. 5 ½ x 8 ½.

EUROPEAN HISTORY



A timeless history of the French Revolution's Reign of Terror

R. R. Palmer (1909–2002) was professor emeritus of history at Yale University and a guest scholar at the Institute for Advanced Study in Princeton. He taught at Princeton University from 1936–1963. He was the author of many books, including the two-volume *The Age of the Democratic Revolution* (Princeton), the first volume of which won the Bancroft Prize in 1960, and the translator of *The Coming of the French Revolution* by Georges Lefebvre. **Isser Woloch** is the Moore Collegiate Professor Emeritus of History at Columbia University.



The Journey of Man

A Genetic Odyssey

SPENCER WELLS

With a new preface by the author

Around 200,000 years ago, a man lived in Africa. Every person alive today is descended from him. How did this real-life Adam become the father of us all? Spencer Wells reveals how developments in the cutting-edge science of population genetics have made it possible to create a family tree for the whole of humanity. Informed by this new science, *The Journey of Man* is replete with astonishing information. Wells takes the reader on an enthralling, epic tour through the history and development of early humankind—giving us definitive answers to centuries-old questions.

“The Journey of Man is fascinating and oozes charm. . . . [It] is packed with important insights into our history and our relationships with each other.”
—Chris Lavers, *Guardian*

“The Journey of Man is the best account available of the story of human origins and dispersals.”
—Colin Renfrew, *Times Higher Education Supplement*

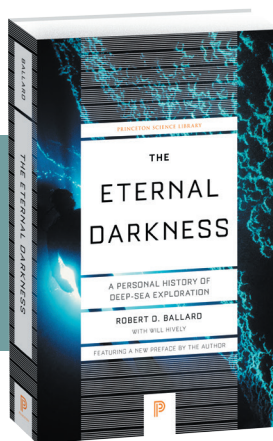
Spencer Wells is an entrepreneur and an adjunct professor at the University of Texas.

APRIL

978-0-691-17601-7 **Paper \$16.95T**
240 pages. 54 halftones. 3 maps. 5 ½ x 8 ½.

Not for sale in the Commonwealth (except Canada) and the European Union

POPULAR SCIENCE | BIOLOGY



The Eternal Darkness

A Personal History of Deep-Sea Exploration

ROBERT D. BALLARD

With Will Hively

Featuring a new preface by the author

Until a few decades ago, the ocean depths were almost as mysterious and inaccessible as outer space. One of the great scientific and archaeological feats of our time has been to finally cast light on the “eternal darkness” of the deep sea. This is the story of that achievement, told by the man who has done more than any other person to make it possible: Robert Ballard.

“An excellent book. . . . It is impossible to put down.”—Richard Shelton, *Times Literary Supplement*

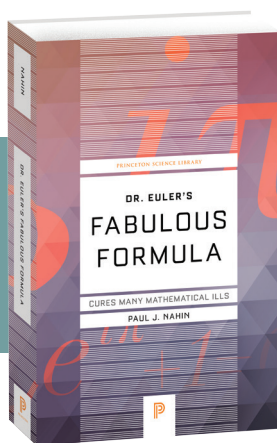
“Bob Ballard, building on the early work of Jacques Cousteau, is the preeminent pioneer in truly deep sea exploration and here is the fascinating, gripping story that only he is qualified to tell.”
—Walter Cronkite

Robert D. Ballard, PhD, is president of Ocean Exploration Trust, director of the Center for Ocean Exploration, professor of oceanography at the Graduate School of Oceanography at the University of Rhode Island, and the author of several bestselling books.

APRIL

978-0-691-17562-1 **Paper \$24.95T**
400 pages. 100 halftones. 5 ½ x 8 ½.

POPULAR SCIENCE | OCEANOGRAPHY



Dr. Euler's Fabulous Formula

Cures Many Mathematical Ills

PAUL J. NAHIN

In the mid-eighteenth century, Swiss-born mathematician Leonhard Euler developed a formula so innovative and complex that it continues to inspire research, discussion, and even the occasional limerick. *Dr. Euler's Fabulous Formula* shares the fascinating story of this groundbreaking formula—long regarded as the gold standard for mathematical beauty—and shows why it still lies at the heart of complex number theory.

"Nahin includes gems from all over mathematics, ranging from engineering applications to beautiful pure-mathematical identities.... It would be good to have more books like this."—Timothy Gowers, *Nature*

"It is very difficult to sum up the greatness of Euler.... This excellent book goes a long way to explaining the kind of mathematician he really was."—Steve Humble, *Mathematics Today*

"What a treasure of a book this is!... This book is a marvelous tribute to Euler's genius and those who built upon it."—Henry Ricardo, *MAA Reviews*

Paul J. Nahin is the author of many bestselling popular-math books. He is professor emeritus of electrical engineering at the University of New Hampshire (see page 87 for another book by Paul J. Nahin).

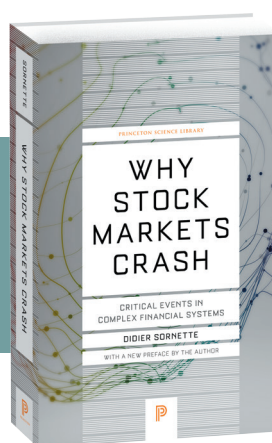
APRIL

978-0-691-17591-1 **Paper \$22.95T**

416 pages. 77 line illus. 2 halftones. 5 ½ x 8 ½.

POPULAR MATHEMATICS | POPULAR SCIENCE

PRESS.PRINCETON.EDU



Why Stock Markets Crash

Critical Events in Complex Financial Systems

DIDIER SORNETTE

With a new preface by the author

The scientific study of complex systems has transformed a wide range of disciplines in recent years, enabling researchers in both the natural and social sciences to model and predict phenomena as diverse as earthquakes, global warming, demographic patterns, and the failure of materials. In this book, Didier Sornette boldly applies his varied experience in these areas to propose a simple, general theory of how, why, and when stock markets crash. Any investor or investment professional who seeks a genuine understanding of looming financial disasters should read this highly original study of the exciting and sometimes fearsome—but no longer quite so unfathomable—world of stock markets.

"Fascinating, and mind-expanding, reading."
—Robert Shiller, author of *Irrational Exuberance*

"Didier Sornette's insights into why markets behave as they do are fresh, productive, and provocative."
—Richard N. Foster, director, McKinsey & Company

Didier Sornette is professor of entrepreneurial risks at the Swiss Federal Institute of Technology, director of the Financial Crisis Observatory at ETH Zurich, and professor of finance at the Swiss Finance Institute in Geneva.

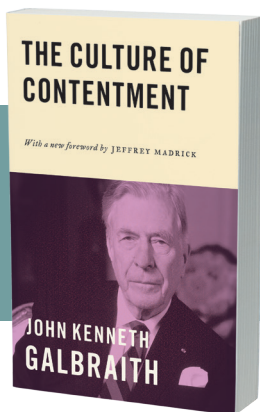
APRIL

978-0-691-17595-9 **Paper \$22.95T**

448 pages. 21 tables. 10 halftones. 155 line illus. 5 ½ x 8 ½.

BUSINESS | INVESTMENT | POPULAR SCIENCE

Princeton Science Library 93



The Culture of Contentment

JOHN KENNETH GALBRAITH

With a new foreword by Jeffrey Madrick

The world has become increasingly separated into the haves and have-nots. In *The Culture of Contentment*, renowned economist John Kenneth Galbraith shows how a contented class—not the privileged few but the socially and economically advantaged majority—defend their comfortable status at a cost. Middle-class voting against regulation and increased taxation that would remedy pressing social ills has created a culture of immediate gratification, leading to complacency and hampering long-term progress. Only economic disaster, military action, or the eruption of an angry underclass seem capable of changing the status quo. A groundbreaking critique, *The Culture of Contentment* shows how the complacent majority captures the political process and determines economic policy.

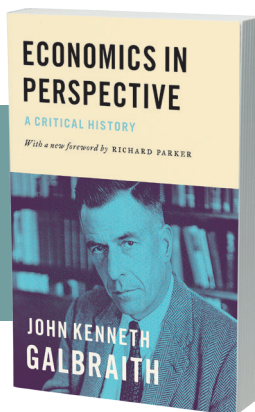
“Thought-provoking.”—*Kirkus*

“Given the recent resurgence of interest in income inequality, *The Culture of Contentment* will appeal to a broad audience.”—Steven Pressman, editor of *The Legacy of John Kenneth Galbraith*

MAY

978-0-691-17165-4 **Paper \$22.95S**
224 pages. 5 ½ x 8 ½.

ECONOMICS



Economics in Perspective

A Critical History

JOHN KENNETH GALBRAITH

With a new foreword by Richard Parker

In *Economics in Perspective*, renowned economist John Kenneth Galbraith presents a compelling and accessible history of economic ideas, from Aristotle through the twentieth century. Examining theories of the past that have a continuing modern resonance, he shows that economics is not a timeless, objective science, but is continually evolving as it is shaped by specific times and places. From Adam Smith's theories during the Industrial Revolution to those of John Maynard Keynes after the Great Depression, Galbraith demonstrates that if economic ideas are to remain relevant, they must continually adapt to the world they inhabit. A lively examination of economic thought in historical context, *Economics in Perspective* shows how the field has evolved across the centuries.

“Another classic by Galbraith.”—*Library Journal*

“*Economics in Perspective* is a finely crafted, witty, and widely accessible tour of economic thought from Aristotle to the modern day.”—Richard Parker, Harvard Kennedy School

MAY

978-0-691-17164-7 **Paper \$24.95S**
464 pages. 5 ½ x 8 ½.

ECONOMICS

Money

Whence It Came, Where It Went

JOHN KENNETH GALBRAITH

With a new foreword by James K. Galbraith

Money is nothing more than what is commonly exchanged for goods or services, so why has understanding it become so complicated? In *Money*, renowned economist John Kenneth Galbraith cuts through the confusions surrounding the subject to present a compelling and accessible account of a topic that affects us all. He tells the fascinating story of money, the key factors that shaped its development, and the lessons that can be learned from its history. He describes the creation and evolution of monetary systems and explains how finance, credit, and banks work in the global economy. Galbraith also shows that, when it comes to money, nothing is truly new—least of all inflation and fraud.

“With characteristic wit and clarity [Galbraith] suggests that while good money may indeed be driven out by the bad, it is political suicide to assume that the suckers left holding the bad will take it lying down. . . . [T]here is no more current, more judicious, or more entertaining a perspective.”—*Kirkus*

“Lively.”—*Library Journal*

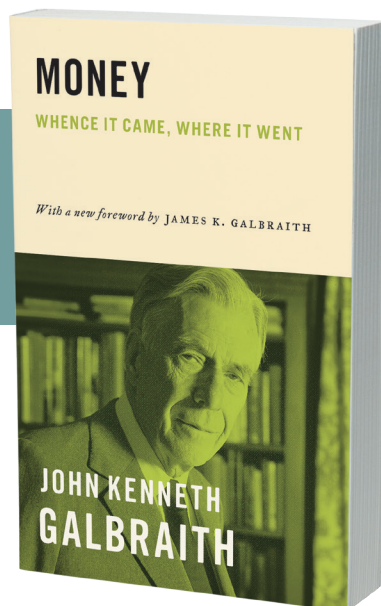
“No American writer has done more to comfort the afflicted and afflict the comfortable than John Kenneth Galbraith.”—*USA Today*

MAY

978-0-691-17166-1 **Paper \$26.95S**

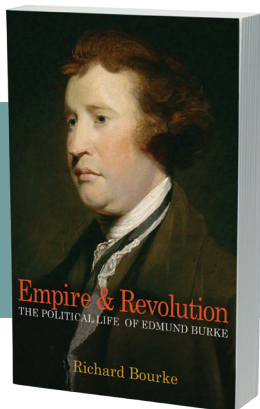
496 pages. 5 ½ x 8 ½.

ECONOMICS



A fascinating and accessible history of money from an acclaimed economist and writer

John Kenneth Galbraith (1908–2006) was one of the most influential economists of the twentieth century. He was professor of economics at Harvard University and served as U.S. ambassador to India during the Kennedy administration. He wrote more than fifty books, including *American Capitalism*, *The Affluent Society*, and *The New Industrial State* (Princeton).



Empire and Revolution

The Political Life of Edmund Burke

RICHARD BOURKE

Edmund Burke (1730–97) lived during one of the most extraordinary periods of world history. He grappled with the significance of the British Empire in India, fought for reconciliation with the American colonies, and was a vocal critic of national policy during three European wars. He also advocated reform in Britain and became a central protagonist in the great debate on the French Revolution. Drawing on the complete range of printed and manuscript sources, *Empire and Revolution* offers a vivid reconstruction of the major concerns of this outstanding statesman, orator, and philosopher.

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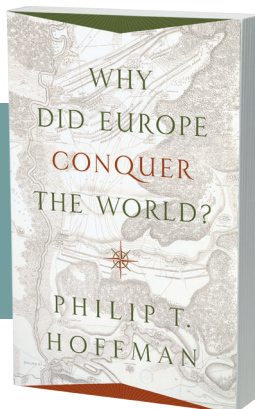
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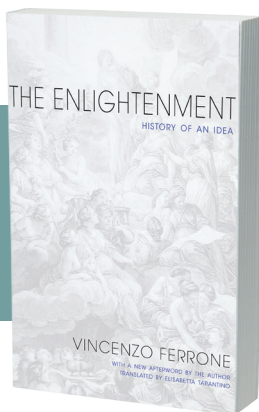
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Vincenzo Ferrone is professor of modern history at the University of Turin. He has been a visiting scholar at the Collège de France and at the Institute for Advanced Study in Princeton.

MARCH

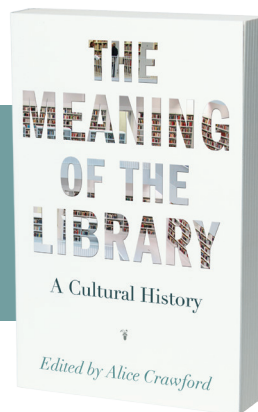
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Alice Crawford is digital humanities research librarian at the University of St Andrews Library in Scotland.

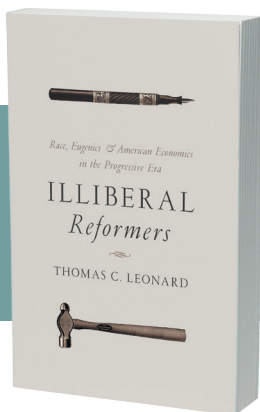
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Thomas C. Leonard is research scholar in the Council of the Humanities at Princeton University, where he is also lecturer in the Department of Economics.

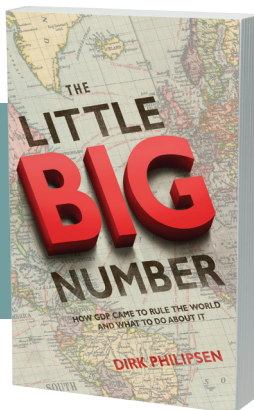
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Dirk Philipsen is a German- and American-trained professor of economic history at the Sanford School of Public Policy and a senior fellow at the Kenan Institute for Ethics, both at Duke University.

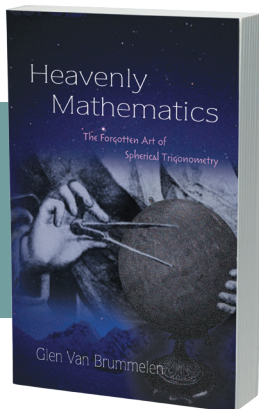
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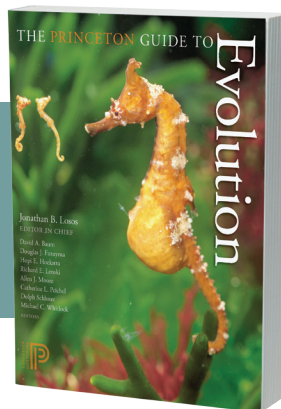
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Jonathan B. Losos is the Monique and Philip Lehner Professor for the Study of Latin America and professor of organismic and evolutionary biology at Harvard University.

MARCH

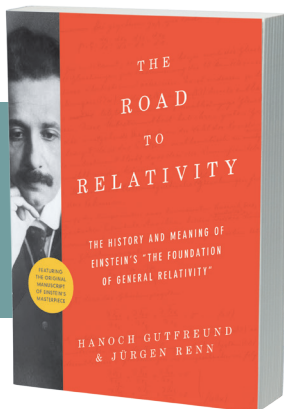
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Hanoach Gutfreund is professor emeritus of theoretical physics at the Hebrew University of Jerusalem, where he is also the academic director of the Albert Einstein Archives. **Jürgen Renn** is a director at the Max Planck Institute for the History of Science in Berlin.

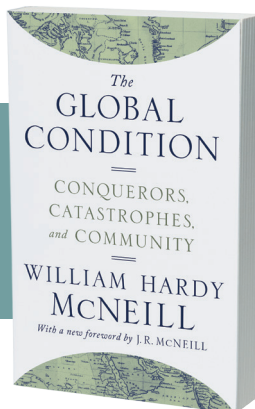
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William H. McNeill (1917–2016) was professor emeritus of history at the University of Chicago. His books include *The Pursuit of Truth*. **J. R. McNeill** is professor of history at Georgetown University. He is the author of *Something New Under the Sun*.

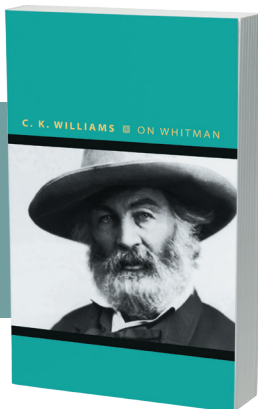
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C. K. Williams (1936–2015) won the Pulitzer Prize, the National Book Award, the National Book Critics Circle Award, and the Ruth Lilly Poetry Prize. He taught creative writing and translation at Princeton University.

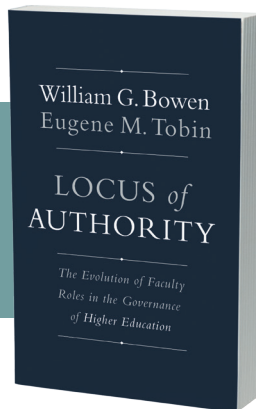
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William G. Bowen is president emeritus of the Andrew W. Mellon Foundation and Princeton University. He is also founding chairman of the not-for-profit organization ITHAKA. **Eugene M. Tobin** is senior program officer for higher education and scholarship in the humanities at the Andrew W. Mellon Foundation and former president of Hamilton College.

JUNE

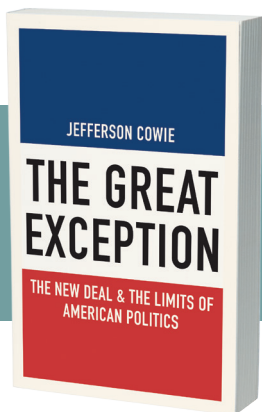
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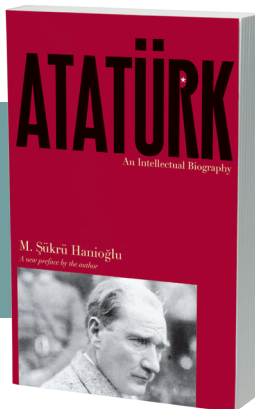
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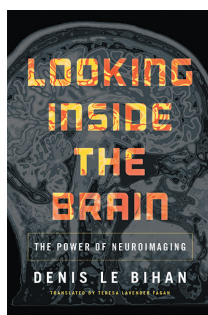
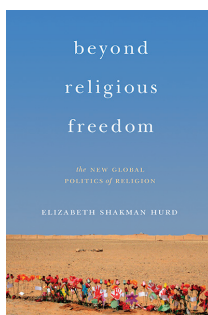
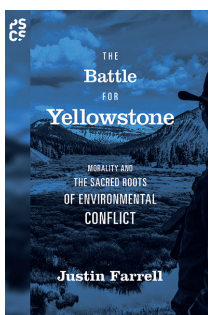
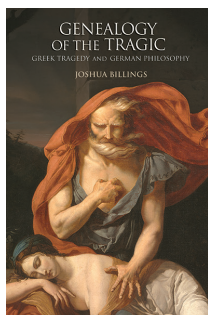
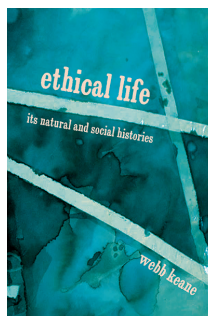
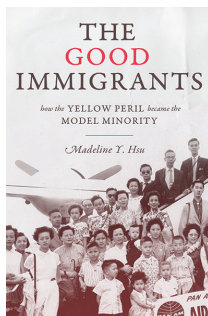
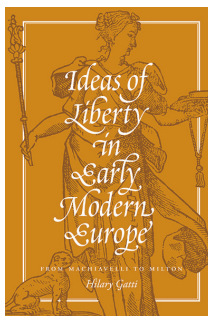
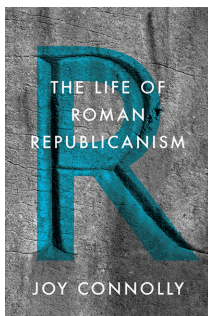
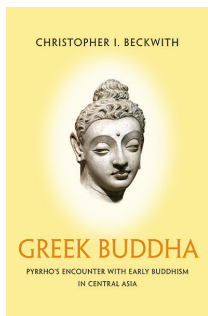
Robert Jervis is the Adlai E. Stevenson Professor of International Politics at Columbia University. His books include *How Statesmen Think* (see page 126) and *System Effects* (both Princeton).

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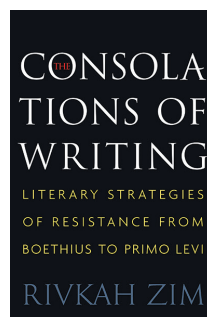
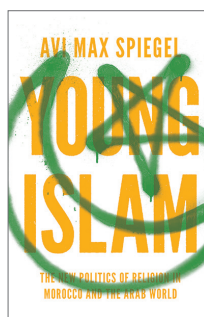
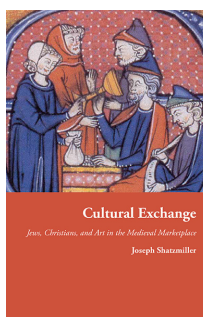
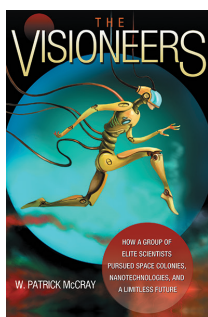
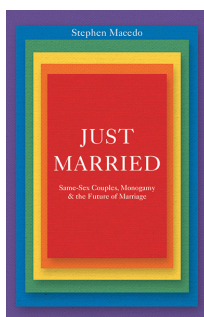
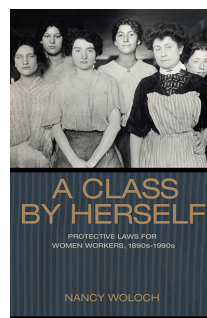
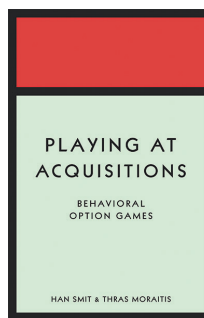
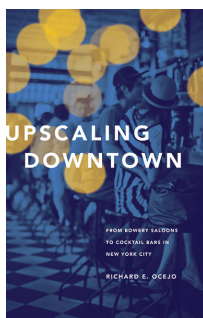
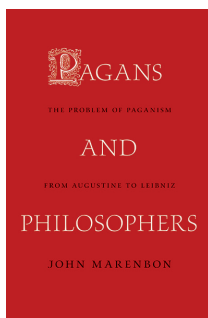
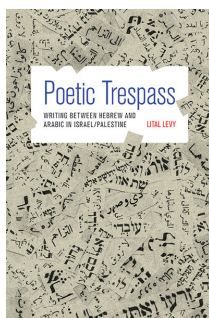
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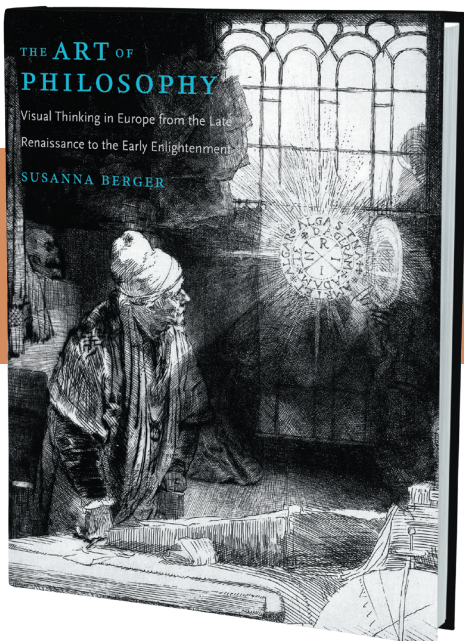
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The first book to explore the role of images in philosophical thought and teaching in the early modern period

“Focusing mainly on the seventeenth century, *The Art of Philosophy* explores the different ways in which visual culture enters into the teaching, study, and practice of philosophy. Highly original and filled with convincing arguments, this book is virtually the only treatment of a fascinating and largely unknown area in the history of philosophy.”
—Daniel Garber, Princeton University

The Art of Philosophy

Visual Thinking in Europe from the Late Renaissance to the Early Enlightenment

SUSANNA BERGER

Delving into the intersections between artistic images and philosophical knowledge in Europe from the late sixteenth to the early eighteenth centuries, *The Art of Philosophy* shows that the making and study of visual art functioned as important methods of philosophical thinking and instruction. From frontispieces of books to monumental prints created by philosophers in collaboration with renowned artists, Susanna Berger examines visual representations of philosophy and overturns prevailing assumptions about the limited function of the visual in European intellectual history.

Rather than merely illustrating already existing philosophical concepts, visual images generated new knowledge for both Aristotelian thinkers and anti-Aristotelians, such as Descartes and Hobbes. Printmaking and drawing played a decisive role in discoveries that led to a move away from the authority of Aristotle in the seventeenth century. Berger interprets visual art from printed books, student lecture notebooks, *alba amicorum* (friendship albums), broadsides, and paintings, and examines the work of such artists as Pietro Testa, Léonard Gaultier, Abraham Bosse, Dürer, and Rembrandt. In particular, she focuses on the rise and decline of the “plural image,” a genre that was popular among early modern philosophers. Plural images brought multiple images together on the same page, often in order to visualize systems of logic, metaphysics, natural philosophy, or moral philosophy.

Featuring previously unpublished prints and drawings from the early modern period and lavish gatefolds, *The Art of Philosophy* reveals the essential connections between visual commentary and philosophical thought.

Susanna Berger is assistant professor of art history at the University of Southern California.

APRIL

978-0-691-17227-9 **Cloth \$65.00S**

336 pages. 2 double gatefolds. 30 color illus. 169 halftones. 8 ½ x 11.

ART | PHILOSOPHY

Gillian Wearing and Claude Cahun

Behind the Mask, Another Mask

SARAH HOWGATE

With an essay by Dawn Ades

This beautifully illustrated book draws together for the first time the self-portraits of French surrealist artist Claude Cahun (1894–1954) and British contemporary artist Gillian Wearing (b. 1963). Although they were born almost a century apart, their work shares similar themes—gender, identity, masquerade, and performance.

In 2015, Sarah Howgate traveled with Wearing to the island of Jersey, in the English Channel, where Cahun lived and worked until her death, and where her archive is housed. In examining Cahun's photographic self-portraits, Wearing was struck by the remarkable parallels with her own explorations of the self-image through photography. Cahun was a contemporary of André Breton and Man Ray, but her work was rarely exhibited during her lifetime. Wearing, who has exhibited extensively and is a recipient of Britain's prestigious Turner Prize, was no stranger to Cahun's work when she made the trip to Jersey—her 2012 self-portrait, *Me as Cahun Holding a Mask of My Face*, is a reconstruction of Cahun's iconic *Self-Portrait*, made in 1927. In this book, Howgate examines the self-portrait work of both artists, investigating how their cultural, historical, political, and personal contexts have affected their interpretations of similar themes.

Gillian Wearing and Claude Cahun features stunning reproductions of more than one hundred key works, presented thematically by artistic evolution, performance, masquerade, and memento mori. The book also includes new “collaborations” by Wearing with Cahun, a revealing interview with Wearing by Howgate, and an illuminating essay on Cahun by writer and curator Dawn Ades.

Sarah Howgate is contemporary curator at the National Portrait Gallery, London. She is the coauthor of *21st-Century Portraits* and *The Portrait Now*. **Dawn Ades** is professor emerita of art history at the University of Essex and the author of *Art in Latin America: The Modern Era, 1820–1980*, among many other books.

Published in association with the National Portrait Gallery, London

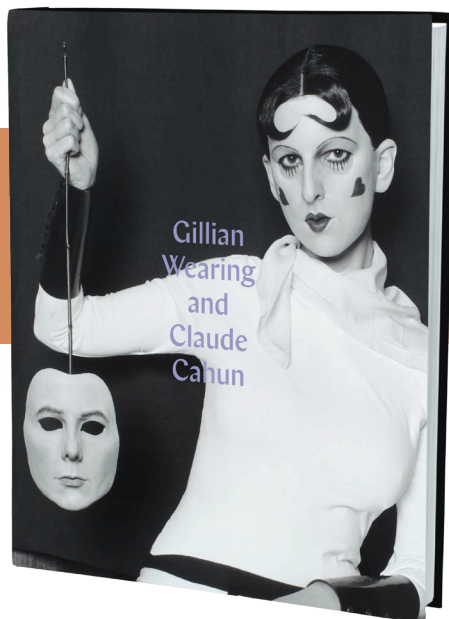
MAY

978-0-691-17662-8 Cloth \$39.50S

208 pages. 91 color illus. 60 halftones. 8 x 10.

For sale only in the United States and Canada

ART | PHOTOGRAPHY



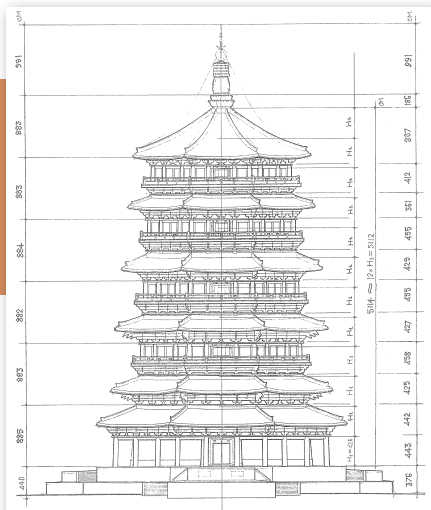
A unique exploration of self-portraits by two artists born nearly a century apart

“The presentation of these related bodies of work—and the hints and clues they offer about divergent ways of approaching the question of identity—provides a unique platform for a thoughtful and eloquent contemporary artist to delve deeply into what she has learned from the study of an esteemed predecessor.”

—Shelley Rice, editor of *Inverted Odysseys: Claude Cahun, Maya Deren, Cindy Sherman*

Exhibition schedule

National Portrait Gallery, London
March 9–May 29, 2017



Timber Pagoda, Fogong Monastery, Ying county, Shanxi, 984.

A groundbreaking book by one of the world's leading historians of Chinese architecture

"Fu Xinian is one of the most important scholars of Chinese architecture, and this English translation of his essays is a major contribution to the field. This work will be welcomed by students of global architectural traditions as well as those interested in the history, art history, architectural history, and material culture of China."

—Tracy Miller, Vanderbilt University

Traditional Chinese Architecture

Twelve Essays

FU XINIAN

Edited by Nancy S. Steinhardt

Translated by Alexandra Harrer

Fu Xinian is considered by many to be the world's leading historian of Chinese architecture. He is an expert on every type of Chinese architecture from every period through the nineteenth century, and his work is at the cutting edge of the field. *Traditional Chinese Architecture* gathers together, for the first time in English, twelve seminal essays by Fu Xinian. This wide-ranging book pays special attention to the technical aspects of the building tradition since the first millennium BC, and Fu Xinian's signature drawings abundantly illustrate its nuances.

The essays delve into the modular basis for individual structures, complexes, and cities; lateral and longitudinal building frames; the unity of sculpture and building to create viewing angles; the influence of Chinese construction on Japanese architecture; and the reliability of images to inform us about architecture. Organized chronologically, the book also examines such topics as the representation of architecture on vessels in the Warring States period, early Buddhist architecture, and the evolution of imperial architecture from the Tang to Ming dynasty. A biography of Fu Xinian and a detailed Chinese-English glossary are included.

Bringing together some of the most groundbreaking scholarship in Chinese architectural history, *Traditional Chinese Architecture* showcases an uncontested master of the discipline.

Fu Xinian is professor of Chinese architecture at Tsinghua University. This is his first full-length book in English. Works that have appeared in Chinese include *Architectural History*, *Chinese Ancient Architecture*, and *Ancient Chinese Architectural History*. **Nancy S. Steinhardt** is professor of East Asian art and curator of Chinese art at the University of Pennsylvania. Her books include *Chinese Architecture in an Age of Turmoil* and *China's Early Mosques*.

JUNE

978-0-691-15999-7 **Cloth \$49.95S**

448 pages. 150 line illus. 7 ½ x 9 ½.

The Princeton-China Series

Daniel A. Bell, Series Editor

ARCHITECTURE | ASIAN STUDIES

Classical Chinese

A Basic Reader

NAIYING YUAN

Haitao Tang & James Geiss

Classical Chinese is the most comprehensive and authoritative textbook on the language, literature, philosophy, history, and religion of premodern China. Rigorously and extensively field-tested and fine-tuned for years in classroom settings, it sets a new standard for the field. Originally published in three volumes, *Classical Chinese* appears here in one convenient and easy-to-use volume.

Classical Chinese contains forty selections from texts written between the fifth century BC and the first century AD, during which the classical Chinese language was fully developed and standardized. These passages, which express key themes in Chinese humor, wit, wisdom, moral conviction, and political ideals, are arranged in the order of complexity of the grammatical patterns they exemplify. Uniquely, each text is translated into both modern Chinese and English. A detailed glossary defines unfamiliar terms and names found in the first part of the textbook, and the last section features in-depth grammatical analyses, in which every sentence in the main selections is fully diagrammed to show the grammatical relations between their various parts. Corresponding exercises review and reinforce the materials.

Naiying Yuan and **Haitao Tang** are lecturers emeritus in the Department of East Asian Languages at Princeton University. **James Geiss** (1950–2000) earned his PhD from Princeton University in 1979 and was a lifelong Ming scholar.

FEBRUARY

978-0-691-17457-0 **Paper \$87.50X**
880 pages. 8 ½ x 11.

CHINESE LANGUAGE | ASIAN STUDIES

Time and Cosmos in Greco-Roman Antiquity

EDITED BY ALEXANDER R. JONES

The Greeks and Romans lived according to a distinctively Hellenic conception of time as an aspect of cosmic order and regularity. Appropriating ideas from Egypt and the Near East, the Greeks integrated them into a cosmological framework governed by mathematics and linking the cycles of the heavenly bodies to the human environment. From their cosmology they derived instruments for measuring and tracking the passage of time that were sophisticated embodiments of scientific reasoning and technical craft, meant not solely for the study of specialists and connoisseurs but for the public gaze.

Time and Cosmos in Greco-Roman Antiquity, the accompanying catalogue for the exhibition at the Institute for the Study of the Ancient World, New York University, explores through thematic essays and beautiful illustrations the practical as well as the artistic, ideological, and spiritual role of time technology and time imagery in the Mediterranean civilizations. Highlights among the more than one hundred objects from the exhibition include marvelously inventive sundials and portable timekeeping devices, stone and ceramic calendars, zodiac boards for displaying horoscopes, and mosaics, sculptures, and coins that reflect ancient perceptions of the controlling power of time and the heavens.

Alexander R. Jones is professor of the history of the exact sciences in antiquity at the Institute for the Study of the Ancient World at New York University.

DECEMBER

978-0-691-17440-2 **Cloth \$55.00S**
208 pages. 145 color illus. 9 x 11.

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

Exhibition Dates: October 19, 2016–April 23, 2017

ARCHAEOLOGY | ANCIENT HISTORY

Classical Greek Oligarchy

A Political History

MATTHEW SIMONTON

Classical Greek Oligarchy thoroughly reassesses an important but neglected form of ancient Greek government, the “rule of the few.” Matthew Simonton challenges scholarly orthodoxy by showing that oligarchy was not the default mode of politics from time immemorial, but instead emerged alongside, and in reaction to, democracy. He establishes for the first time how oligarchies maintained power in the face of potential citizen resistance. The book argues that oligarchs designed distinctive political institutions—such as intra-oligarchic power sharing, targeted repression, and rewards for informants—to prevent collective action among the majority population while sustaining cooperation within their own ranks.

To clarify the workings of oligarchic institutions, Simonton draws on recent social science research on authoritarianism. Like modern authoritarian regimes, ancient Greek oligarchies had to balance coercion with co-optation in order to keep their subjects disorganized and powerless. The book investigates topics such as control of public space, the manipulation of information, and the establishment of patron-client relations, frequently citing parallels with contemporary nondemocratic regimes. Simonton also traces changes over time in antiquity.

Classical Greek Oligarchy represents a major new development in the study of ancient politics. It fills a longstanding gap in our knowledge of nondemocratic government while greatly improving our understanding of forms of power that continue to affect us today.

Matthew Simonton is assistant professor of history in the School of Humanities, Arts, and Cultural Studies at Arizona State University.

JULY

978-0-691-17497-6 **Cloth \$45.00S**
320 pages. 1 map. 6 x 9.

ANCIENT HISTORY | CLASSICS | POLITICS

110 Ancient History

The Peace of the Gods

Elite Religious Practices in the
Middle Roman Republic

CRAIGE B. CHAMPION

The Peace of the Gods takes a new approach to the study of Roman elites' religious practices and beliefs, using current theories in psychology, sociology, and anthropology, as well as cultural and literary studies. Craige Champion focuses on what the elites of the Middle Republic (ca. 250–ca. 100 BCE) actually did in the religious sphere, rather than what they merely said or wrote about it, in order to provide a more nuanced and satisfying historical reconstruction of what their religion may have meant to those who commanded the Roman world and its imperial subjects.

The book examines the nature and structure of the major priesthoods in Rome itself, Roman military commanders' religious behaviors in dangerous field conditions, and the state religion's acceptance or rejection of new cults and rituals in response to external events that benefited or threatened the Republic. According to a once-dominant but now-outmoded interpretation of Roman religion that goes back to the ancient Greek historian Polybius, the elites didn't believe in their gods but merely used religion to control the masses. Using that interpretation as a counterfactual lens, Champion argues instead that Roman elites sincerely tried to maintain Rome's good fortune through a *pax deorum* or “peace with the gods.” The result offers rich new insights into the role of religion in elite Roman life.

Craige B. Champion is professor of ancient history and classics in the Maxwell School of Citizenship and Public Affairs at Syracuse University. He is the author of *Cultural Politics in Polybius's Histories* and the editor of *Roman Imperialism: Readings and Sources*.

APRIL

978-0-691-17485-3 **Cloth \$39.95S**
288 pages. 6 x 9.

ANCIENT HISTORY | CLASSICS

Strange Vernaculars

How Eighteenth-Century Slang, Cant, Provincial Languages, and Nautical Jargon Became English

JANET SORENSEN

While eighteenth-century efforts to standardize the English language have long been studied—from Samuel Johnson’s *Dictionary* to grammar and elocution books of the period—less well-known are the era’s popular collections of odd slang, criminal argots, provincial dialects, and nautical jargon. *Strange Vernaculars* delves into how these published works presented the supposed lexicons of the “common people” and traces the ways that these languages, once shunned and associated with outsiders, became objects of fascination in printed glossaries—from *The New Canting Dictionary* to Francis Grose’s *Classical Dictionary of the Vulgar Tongue*—and in novels, poems, and songs, including works by Daniel Defoe, John Gay, Samuel Richardson, Robert Burns, and others.

Janet Sorensen argues that the recognition and recovery of outsider languages was part of a transition in the eighteenth century from an aristocratic, exclusive body politic to a British national community based on the rhetoric of inclusion and liberty, as well as the revaluing of a common British past. These representations of the vernacular made room for the “common people” within national culture, but only after representing their language as “strange.” Such strange and estranged languages, even or especially in their obscurity, came to be claimed as British, making for complex imaginings of the nation and those who composed it. Odd cant languages, witty slang phrases, provincial terms newly valued for their connection to British history, or nautical jargon repurposed for sentimental connections all toggle, in eighteenth-century jest books, novels, and poems, between the alluringly alien and familiarly British.

Shedding new light on the history of the English language, *Strange Vernaculars* explores how eighteenth-century British literature transformed the patois attributed to those on the margins into living symbols of the nation.

Janet Sorensen is associate professor of English at the University of California, Berkeley. She is the author of *The Grammar of Empire in Eighteenth-Century British Writing*.

JULY

978-0-691-16902-6 **Cloth \$39.95**
328 pages. 8 line illus. 6 x 9.

LITERATURE | HISTORY

How vocabularies once associated with outsiders became objects of fascination in eighteenth-century Britain

“Any student of eighteenth-century English literature and culture is aware to some extent of the important presence, or significant absence, of the regional or provincial speech in the literature of that period. But no one as far as I know has produced an authoritative, comprehensive, and fine-grained study of these vocabularies and what they signify and imply. This is a major, pathbreaking book.”
—John Richetti, University of Pennsylvania

Examples of slang from *Strange Vernaculars*:

bum-boat woman: one who sells bread, cheese, greens, and liquor to sailors from a small boat alongside a ship

collar day: execution day

crewnting: groaning, like a grunting horse

gentleman’s companion: lice

gingerbread-work: gilded carvings of a ship’s bow and stern

luggs: ears

mort: a large amount

thraw: to argue hotly and loudly

Victorian Pain

RACHEL ABLOW

The nineteenth century introduced developments in science and medicine that made the eradication of pain conceivable for the first time. This new understanding of pain brought with it a complex set of moral and philosophical dilemmas. If pain serves no obvious purpose, how do we reconcile its existence with a well-ordered universe? Examining how writers of the day engaged with such questions, *Victorian Pain* offers a compelling new literary and philosophical history of modern pain.

Rachel Ablow provides close readings of novelists Charlotte Brontë and Thomas Hardy and political and natural philosophers John Stuart Mill, Harriet Martineau, and Charles Darwin, as well as a variety of medical, scientific, and popular writers of the Victorian age. She explores how discussions of pain served as investigations into the status of persons and the nature and parameters of social life. No longer conceivable as divine trial or punishment, pain in the nineteenth century came to seem instead like a historical accident suggesting little or nothing about the individual who suffers.

A landmark study of Victorian literature and the history of pain, *Victorian Pain* shows how these writers came to see pain as a social as well as a personal problem. Rather than simply self-evident to the sufferer and unknowable to anyone else, pain was also understood to be produced between persons—and even, perhaps, by the fictions they read.

Rachel Ablow is associate professor of English at the University at Buffalo, State University of New York. She is the author of *The Marriage of Minds: Reading Sympathy in the Victorian Marriage Plot* and the editor of *The Feeling of Reading*.

JUNE

978-0-691-17446-4 **Cloth \$39.95S**
216 pages. 6 x 9.

LITERATURE | PHILOSOPHY | HISTORY

112 Literature

Ladies' Greek

Victorian Translations of Tragedy

YOPIE PRINS

In *Ladies' Greek*, Yopie Prins illuminates a culture of female classical literacy that emerged in the second half of the nineteenth century, during the formation of women's colleges on both sides of the Atlantic. Why did Victorian women of letters desire to learn ancient Greek, a "dead" language written in a strange alphabet and no longer spoken? In the words of Elizabeth Barrett Browning, they wrote "some Greek upon the margin—lady's Greek, without the accents." Yet in the margins of classical scholarship they discovered other ways of knowing, and not knowing, Greek. Mediating between professional philology and the popularization of classics, these passionate amateurs became an important medium for classical transmission.

Combining archival research on the entry of women into Greek studies in Victorian England and America with a literary interest in their translations of Greek tragedy, Prins demonstrates how women turned to this genre to perform a passion for ancient Greek, full of eros and pathos. She focuses on five tragedies—*Agamemnon*, *Prometheus Bound*, *Electra*, *Hippolytus*, and *The Bacchae*—to analyze a wide range of translational practices by women and to explore the ongoing legacy of Ladies' Greek. Key figures in this story include Barrett Browning and Virginia Woolf, Janet Case and Jane Harrison, Edith Hamilton and Eva Palmer, and A. Mary F. Robinson and H.D.

The first comparative study of Anglo-American Hellenism, *Ladies' Greek* opens up new perspectives in transatlantic Victorian studies and the study of classical reception, translation, and gender.

Yopie Prins is professor of English and comparative literature at the University of Michigan.

MAY

978-0-691-14189-3 **Paper \$29.95S**
978-0-691-14188-6 **Cloth \$75.00S**
320 pages. 43 halftones. 6 x 9.

LITERATURE | CLASSICS | WOMEN'S STUDIES

Getting Tough

Welfare and Imprisonment in 1970s America

JULILLY KOHLER-HAUSMANN

In 1970s America, politicians began “getting tough” on drugs, crime, and welfare. These campaigns helped expand the nation’s penal system, discredit welfare programs, and cast blame for the era’s social upheaval on racialized deviants that the state was not accountable to serve or represent. *Getting Tough* sheds light on how this unprecedented growth of the penal system and the evisceration of the nation’s welfare programs developed hand in hand. Julilly Kohler-Hausmann shows that these historical events were animated by struggles over how to interpret and respond to the inequality and disorder that crested during this period.

When social movements and the slowing economy destabilized the U.S. welfare state, politicians reacted by repudiating the commitment to individual rehabilitation that had governed penal and social programs for decades. In its place, they championed strategies of punishment, surveillance, and containment. The architects of these tough strategies insisted they were necessary, given the failure of liberal social programs and the supposed pathological culture within poor African American and Latino communities. Kohler-Hausmann rejects this explanation and describes how the spectacle of enacting punitive policies convinced many Americans that social investment was counterproductive and the “underclass” could be managed only through coercion and force.

Getting Tough illuminates this narrative through three legislative cases: New York’s adoption of the 1973 Rockefeller drug laws, Illinois’s and California’s attempts to reform welfare through criminalization and work mandates, and California’s passing of a 1976 sentencing law that abandoned rehabilitation as an aim of incarceration. Weaving together the perspectives of opponents, supporters, and targets of punitive policies, *Getting Tough* offers new interpretations of dramatic transformations in the modern American state.

Julilly Kohler-Hausmann is assistant professor of history at Cornell University.

MAY

978-0-691-17452-5 **Cloth \$35.00S**

288 pages. 7 line illus. 6 x 9.

Politics and Society in Modern America

William Chafe, Gary Gerstle, Linda Gordon & Julian Zelizer, Series Editors

AMERICAN HISTORY | POLITICS

The politics and policies that led to America’s expansion of the penal system and reduction of welfare programs

“This is an original, sweeping look at the political history of policies within the criminal justice and welfare domain, and the political choices that transformed the nation’s approach to the poor. Most books either deal with the history of public assistance or the history of penal and sentencing reforms. *Getting Tough* goes further than any other book to document the interplay of dominant state approaches in both arenas.”

—Vesla M. Weaver, Yale University

“*Getting Tough* makes important, creative interventions in major debates regarding political history, social policy formation, the origins of mass incarceration, and the links between the carceral and welfare states. The insights of the book’s three case studies are powerful and sophisticated and provide the foundation for a pioneering reassessment of the prevailing narratives regarding law-and-order politics and criminalization during the 1960s and 70s.”

—Matthew Lassiter, University of Michigan

American History 113

Chosen Nation

Mennonites and Germany in a Global Era

BENJAMIN W. GOOSSEN

During the nineteenth and twentieth centuries, the global Mennonite church developed an uneasy relationship with Germany. Despite the religion's origins in the Swiss and Dutch Reformation, as well as its longstanding pacifism, tens of thousands of members embraced militarist German nationalism. *Chosen Nation* is a sweeping history of this encounter and the debates it sparked among parliaments, dictatorships, and congregations across Eurasia and the Americas.

Benjamin Goossen demonstrates how Mennonites' nationalization reflected and reshaped their faith convictions. While some church leaders modified German identity along Mennonite lines, others appropriated nationalism wholesale, advocating a specifically Mennonite version of nationhood. Examining sources from Poland to Paraguay, Goossen shows how patriotic loyalties rose and fell with religious affiliation. Individuals might claim to be German at one moment but Mennonite the next. Some external parties encouraged separatism, as when the Weimar Republic helped establish an autonomous "Mennonite State" in Latin America. Still others treated Mennonites as quintessentially German; under Hitler's Third Reich, entire colonies benefited from racial warfare and genocide in Nazi-occupied Ukraine. Whether choosing Germany as a national homeland or identifying as a chosen people, called and elected by God, Mennonites committed to collective action in ways that were intricate, fluid, and always surprising.

Benjamin W. Goossen is a scholar of global religious history at Harvard University.

JUNE

978-0-691-17428-0 **Cloth \$49.50S**

256 pages. 15 halftones. 1 line illus. 1 table. 4 maps. 6 x 9.

HISTORY | RELIGION

114 History

America in Italy

The United States in the Political Thought and Imagination of the Risorgimento, 1763–1865

AXEL KÖRNER

America in Italy examines the influence of the American political experience on the imagination of Italian political thinkers between the late eighteenth century and the unification of Italy in the 1860s. Axel Körner shows that Italian political thought was shaped by debates about the American Revolution and the U.S. Constitution, but he focuses on the important distinction that while European interest in developments across the Atlantic was keen, this attention was not blind admiration. Rather, America became a sounding board for the critical assessment of societal changes at home.

Many Italians did not think the United States had lessons to teach them and often concluded that life across the Atlantic was not just different but in many respects also objectionable. In America, utopia and dystopia seemed to live side by side, and Italian references to the United States were frequently in support of progressive or reactionary causes. Political thinkers including Cesare Balbo, Carlo Cattaneo, Giuseppe Mazzini, and Antonio Rosmini used the United States to shed light on the course of their nation's political resurgence. Concepts from Montesquieu, Rousseau, and Vico served to evaluate what Italians discovered about America. Ideas about American "domestic manners" were reflected and conveyed through works of ballet, literature, opera, and satire.

Transcending boundaries between intellectual and cultural history, *America in Italy* is the first book-length examination of the influence of America's political formation on modern Italian political thought.

Axel Körner is professor of modern history at University College London.

JUNE

978-0-691-16485-4 **Cloth \$45.00S**

352 pages. 16 halftones. 1 map. 6 x 9.

HISTORY | EUROPEAN HISTORY

The First Serious Optimist

A. C. Pigou and the Birth of Welfare Economics

IAN KUMEKAWA

The First Serious Optimist is an intellectual biography of the British economist A. C. Pigou (1877–1959), a founder of welfare economics and one of the twentieth century’s most important and original thinkers. Though long overshadowed by his intellectual rival John Maynard Keynes, Pigou was instrumental in focusing economics on the public welfare. And his reputation is experiencing a renaissance today, in part because his idea of “externalities” or spillover costs is the basis of carbon taxes. Drawing from a wealth of archival sources, Ian Kumekawa tells how Pigou reshaped the way the public thinks about the economic role of government and the way economists think about the public good.

Setting Pigou’s ideas in their personal, political, social, and ethical context, the book follows him as he evolved from a liberal Edwardian bon vivant to a reserved but reform-minded economics professor. With World War I, Pigou entered government service, but soon became disenchanted with the state he encountered. As his ideas were challenged in the interwar period, he found himself increasingly alienated from his profession. But with the rise of the Labour Party following World War II, the elderly Pigou re-embraced a mind-set that inspired a colleague to describe him as “the first serious optimist.”

The story not just of Pigou but also of twentieth-century economics, *The First Serious Optimist* explores the biographical and historical origins of some of the most important economic ideas of the past hundred years. It is a timely reminder of the ethical roots of economics and the discipline’s long history as an active intermediary between the state and market.

Ian Kumekawa is a PhD candidate in history at Harvard University, where he works on the history of economic thinking.

JUNE

978-0-691-16348-2 **Cloth \$35.00S**

352 pages. 6 halftones. 6 x 9.

HISTORY | ECONOMICS

A groundbreaking intellectual biography of one of the twentieth century’s most influential economists

“This is a remarkable book, from which I learned an enormous amount. Kumekawa has uncovered far more details of Pigou’s life than I thought were available.”

—Roger E. Backhouse, Birmingham University and Erasmus University Rotterdam

Gentlemen Revolutionaries

Power and Justice in the
New American Republic

TOM CUTTERHAM

In the years between the Revolutionary War and the drafting of the Constitution, American gentlemen—the merchants, lawyers, planters, and landowners who comprised the independent republic's elite—worked hard to maintain their positions of power. *Gentlemen Revolutionaries* shows how their struggles over status, hierarchy, property, and control shaped the ideologies and institutions of the fledgling nation.

Tom Cutterham examines how, facing pressure from populist movements as well as the threat of foreign empires, these gentlemen argued among themselves to find new ways of justifying economic and political inequality in a republican society. At the heart of their ideology was a regime of property and contract rights derived from the norms of international commerce and eighteenth-century jurisprudence. But these gentlemen were not concerned with property alone. They also sought personal prestige and cultural preeminence. Cutterham describes how, painting the egalitarian freedom of the republic's "lower sort" as dangerous licentiousness, they constructed a vision of proper social order around their own fantasies of power and justice. In pamphlets, speeches, letters, and poetry, they argued that the survival of the republican experiment in the United States depended on the leadership of worthy gentlemen and the obedience of everyone else.

Lively and elegantly written, *Gentlemen Revolutionaries* demonstrates how these elites, far from giving up their attachment to gentility and privilege, recast the new republic in their own image.

Tom Cutterham is Lecturer in United States History at the University of Birmingham in the United Kingdom.

JULY

978-0-691-17266-8 **Cloth \$39.95S**
240 pages. 6 x 9.

HISTORY | AMERICAN HISTORY

The Formation of Turkish Republicanism

BANU TURNAOĞLU

Turkish republicanism is commonly thought to have originated with Mustafa Kemal Atatürk and the founding of modern Turkey in 1923, and understood exclusively in terms of Kemalist ideals, characterized by the principles of secularism, nationalism, statism, and populism. Banu Turnaoğlu challenges this view, showing how Turkish republicanism represents the outcome of centuries of intellectual dispute in Turkey over Islamic and liberal conceptions of republicanism, culminating in the victory of Kemalism in the republic's formative period.

Drawing on a wealth of rare archival material, Turnaoğlu presents the first complete history of republican thinking in Turkey from the birth of the Ottoman state to the founding of the modern republic. She shows how the Kemalists wrote Turkish history from their own perspective, presenting their own version of republicanism as inevitable while disregarding the contributions of competing visions. Turnaoğlu demonstrates how republicanism has roots outside the Western political experience, broadening our understanding of intellectual history. She reveals how the current crises in Turkish politics—including the Kurdish Question, democratic instability, the rise of radical Islam, and right-wing Turkish nationalism—arise from intellectual tensions left unresolved by Kemalist ideology.

Banu Turnaoğlu is a postdoctoral research associate in the Department of Politics and International Studies at the University of Cambridge.

MAY

978-0-691-17274-3 **Cloth \$39.95S**
312 pages. 6 x 9.

INTELLECTUAL HISTORY | POLITICAL THEORY

The Emergence of Globalism

Visions of World Order in Britain
and the United States, 1939–1950

OR ROSENBOIM

During and after the Second World War, public intellectuals in Britain and the United States grappled with concerns about the future of democracy, the prospects of liberty, and the decline of the imperial system. Without using the term “globalization,” they identified a shift toward technological, economic, cultural, and political interconnectedness and developed a “globalist” ideology to reflect this new postwar reality. *The Emergence of Globalism* examines the competing visions of world order that shaped these debates and led to the development of globalism as a modern political concept.

Shedding critical light on this neglected chapter in the history of political thought, Or Rosenboim describes how a transnational network of globalist thinkers emerged from the traumas of war and expatriation in the 1940s and how their ideas drew widely from political philosophy, geopolitics, economics, imperial thought, constitutional law, theology, and philosophy of science. She presents compelling portraits of Raymond Aron, Owen Lattimore, Lionel Robbins, Barbara Wootton, Friedrich Hayek, Lionel Curtis, Richard McKeon, Michael Polanyi, Lewis Mumford, Jacques Maritain, Reinhold Niebuhr, H. G. Wells, and others. Rosenboim shows how the globalist debate they embarked on sought to balance the tensions between a growing recognition of pluralism on the one hand and an appreciation of the unity of humankind on the other.

An engaging look at the ideas that have shaped today’s world, *The Emergence of Globalism* is a major work of intellectual history that is certain to fundamentally transform our understanding of the globalist ideal and its origins.

Or Rosenboim is a research fellow in politics at Queens’ College, University of Cambridge. She was awarded the prestigious Prix Raymond Aron in 2014.

APRIL

978-0-691-16872-2 **Cloth \$37.50S**
352 pages. 9 maps. 6 x 9.

INTELLECTUAL HISTORY | POLITICAL THEORY

How competing visions of world order in the 1940s gave rise to the modern concept of globalism

“The best study ever written on English-language global thought in the 1940s. Rosenboim’s insightful, cutting-edge book will enjoy a lasting impact.”

—Samuel Moyn, author of *The Last Utopia: Human Rights in History*

“A pleasure to read. This excellent book stands out as a major contribution to our growing understanding of the history of twentieth-century international thought. Rosenboim forces us to rethink that history, and by implication how we interpret international relations today.”

—Lucian M. Ashworth, author of *A History of International Thought*

Philosophy of Mathematics

ØYSTEIN LINNEBO

A sophisticated, original introduction to the philosophy of mathematics from one of its leading contemporary scholars

“This is an excellent introduction to the philosophy of mathematics, with clear and careful coverage of both traditional topics and cutting-edge contemporary debates.”

—Roy T. Cook, University of Minnesota

“This is a good introduction to the philosophy of mathematics—clear and concise, and with original observations and a coherent point of view.”

—John P. Burgess, Princeton University

Mathematics is one of humanity’s most successful yet puzzling endeavors. It is a model of precision and objectivity, but appears distinct from the empirical sciences because it seems to deliver nonexperiential knowledge of a nonphysical reality of numbers, sets, and functions. How can these two aspects of mathematics be reconciled? This concise book provides a systematic yet accessible introduction to the field that is trying to answer that question: the philosophy of mathematics.

Written by Øystein Linnebo, one of the world’s leading scholars on the subject, the book introduces all of the classical approaches to the field, including logicism, formalism, intuitionism, empiricism, and structuralism. It also contains accessible introductions to some more specialized issues, such as mathematical intuition, potential infinity, the iterative conception of sets, and the search for new mathematical axioms. The groundbreaking work of German mathematician and philosopher Gottlob Frege, one of the founders of analytic philosophy, figures prominently throughout the book. Other important thinkers whose work is introduced and discussed include Immanuel Kant, John Stuart Mill, David Hilbert, Kurt Gödel, W. V. Quine, Paul Benacerraf, and Hartry H. Field.

Sophisticated but clear and approachable, this is an essential introduction for all students and teachers of philosophy, as well as mathematicians and others who want to understand the foundations of mathematics.

Øystein Linnebo is professor of philosophy at the University of Oslo, and previously held positions in Bristol, London, and Oxford. He is the coeditor of *New Waves in the Philosophy of Mathematics* and the author of *Thin Objects: An Abstractionist Approach* (forthcoming).

JUNE

978-0-691-16140-2 **Cloth \$29.95S**

208 pages. 5 ½ x 8 ½.

Princeton Foundations of Contemporary Philosophy
Scott Soames, Series Editor

PHILOSOPHY | MATHEMATICS

Quantitative Social Science

An Introduction

KOSUKE IMAI

Quantitative analysis is an increasingly essential skill for social science research, yet students in the social sciences and related areas typically receive little training in it—or if they do, they usually end up in statistics classes that offer few insights into their field. This textbook is a practical introduction to data analysis and statistics written especially for undergraduates and beginning graduate students in the social sciences and allied fields, such as economics, sociology, public policy, and data science.

Quantitative Social Science engages directly with empirical analysis, showing students how to analyze data using the R programming language and to interpret the results—it encourages hands-on learning, not paper-and-pencil statistics. More than forty data sets taken directly from leading quantitative social science research illustrate how data analysis can be used to answer important questions about society and human behavior.

This one-of-a-kind textbook features numerous additional data analysis exercises and interactive R programming exercises, and also comes with supplementary teaching materials for instructors.

- ◆ Written especially for students in the social sciences and allied fields, including economics, sociology, public policy, and data science
- ◆ Provides hands-on instruction using R programming, not paper-and-pencil statistics
- ◆ Includes more than forty data sets from actual research
- ◆ Covers data analysis concepts such as causality, measurement, and prediction, as well as probability and statistical tools
- ◆ Features a wealth of supplementary exercises
- ◆ Comes with additional course materials online, including notes, sample code, problem sets with solutions, and lecture slides

Kosuke Imai is professor of politics and founding director of the Program in Statistics and Machine Learning at Princeton University.

MARCH

978-0-691-17546-1 **Paper \$49.50X**

978-0-691-16703-9 **Cloth \$95.00X**

424 pages. 16 color illus. 9 halftones. 77 line illus. 7 x 10.

SOCIAL SCIENCES

An introductory textbook on data analysis and statistics written especially for students in the social sciences and allied fields

“Imai’s fantastic textbook provides a succinct but thorough introduction to quantitative methods and how they are applied to social science problems. The text is easy to read while also providing material that is generally pitched at a level appropriate for newcomers to the subject.”

—Justin Grimmer, Stanford University

“Imai’s text is engaging and full of examples. It will be widely taught and will have a wide impact. Anyone who really masters the skills and concepts presented here will know statistics better than many professional political scientists.”

—Andrew Eggers, University of Oxford

Money Talks

Explaining How Money Really Works

EDITED BY NINA BANDELJ, FREDERICK F. WHERRY & VIVIANA A. ZELIZER

The world of money is being transformed as households and organizations face changing economies and new currencies and payment systems like Bitcoin and Apple Pay gain ground. What is money, and how do we make sense of it? *Money Talks* is the first book to offer a wide range of alternative and unexpected explanations of how social relations, emotions, moral concerns, and institutions shape how we create, mark, and use money. This collection brings together a stellar group of international experts from multiple disciplines—sociology, economics, history, law, anthropology, political science, and philosophy—to propose fresh explanations for money's origins, uses, effects, and future.

Money Talks explores five key questions: How do social relationships, emotions, and morals shape how people account for and use their money? How do corporations infuse social meaning into their financing and investment practices? What are the historical, political, and social foundations of currencies? When does money become contested, and are there things money shouldn't buy? What is the impact of the new twenty-first-century currencies on our social relations?

At a time of growing concern over financial inequality, *Money Talks* overturns conventional views about money by revealing its profound social potential.

Nina Bandelj is professor of sociology and equity advisor to the dean of social sciences at the University of California, Irvine. **Frederick F. Wherry** is professor of sociology and codirector of the Center for Cultural Sociology at Yale University. **Viviana A. Zelizer** is the Lloyd Cotsen '50 Professor of Sociology at Princeton University.

MAY

978-0-691-16868-5 **Cloth \$45.00S**
264 pages. 2 halftones. 1 line illus. 6 x 9.

SOCIOLOGY | ECONOMICS

120 Sociology

Under the Cover

The Creation, Production, and Reception of a Novel

CLAYTON CHILDRESS

Under the Cover follows the life trajectory of a single work of fiction from its initial inspiration to its reception by reviewers and readers. The subject is *Jarrettsville*, a historical novel by Cornelia Nixon, which was published in 2009 and based on an actual murder committed by an ancestor of Nixon's in the postbellum South.

Clayton Childress takes you behind the scenes to examine how *Jarrettsville* was shepherded across three interdependent fields—authoring, publishing, and reading—and how it was transformed by its journey. Along the way, he covers all aspects of the life of a book, including the author's creative process, the role of the literary agent, how editors decide which books to acquire, how publishers build lists and distinguish themselves from other publishers, how they sell a book to stores and publicize it, and how authors choose their next projects. Childress looks at how books get selected for the front tables in bookstores, why reviewers and readers can draw such different meanings from the same novel, and how book groups across the country make sense of a novel and what it means to them.

Drawing on original survey data, in-depth interviews, and groundbreaking ethnographic fieldwork, *Under the Cover* reveals how decisions are made, inequalities are reproduced, and novels are built to travel in the creation, production, and consumption of culture.

Clayton Childress is assistant professor of sociology at the University of Toronto.

JULY

978-0-691-16038-2 **Cloth \$35.00S**
296 pages. 32 line illus. 6 x 9.

Princeton Studies in Cultural Sociology
Paul J. DiMaggio, Michèle Lamont, Robert J. Wuthnow, and Viviana A. Zelizer, Series Editors

SOCIOLOGY | LITERATURE

Biomedical Odysseys

Fetal Cell Experiments from Cyberspace to China

PRISCILLA SONG

Thousands of people from more than eighty countries have traveled to China since 2001 to undergo fetal cell transplantation. Galvanized by the potential of stem and fetal cells to regenerate damaged neurons and restore lost bodily functions, people grappling with paralysis and neurodegenerative disorders have ignored the warnings of doctors and scientists back home in order to stake their futures on a Chinese experiment. *Biomedical Odysseys* looks at why and how these individuals have entrusted their lives to Chinese neurosurgeons operating on the forefront of experimental medicine, in a world where technologies and risks move faster than laws can keep pace. Priscilla Song shows how cutting-edge medicine is not just about the latest advances in biomedical science but also encompasses transformations in online patient activism, surgical intervention, and borderline experiments in health care bureaucracy.

Bringing together a decade of ethnographic research in hospital wards, laboratories, and online patient discussion forums, Song opens up important theoretical and methodological horizons in the anthropology of science, technology, and medicine. She illuminates how poignant journeys in search of fetal cell cures become tangled in complex webs of digital mediation, the entrepreneurial logics of postsocialist medicine, and fraught debates about the ethics of clinical experimentation.

Priscilla Song is assistant professor of anthropology at Washington University in St. Louis.

JUNE

978-0-691-17478-5 **Paper \$27.95S**

978-0-691-17477-8 **Cloth \$85.00S**

280 pages. 5 halftones. 9 line illus. 6 x 9.

Princeton Studies in Culture and Technology
Tom Boellstorff and Bill Maurer, Series Editors

ANTHROPOLOGY | MEDICINE

Disruptive Fixation

School Reform and the Pitfalls
of Techno-Idealism

CHRISTO SIMS

In New York City in 2009, a new kind of public school opened its doors to its inaugural class of middle schoolers. Conceived by a team of game designers and progressive educational reformers and backed by prominent philanthropic foundations, it promised to reinvent the classroom for the digital age. Ethnographer Christo Sims documented the life of the school from its planning stages to the graduation of its first eighth-grade class. *Disruptive Fixation* is his account of how this “school for digital kids,” heralded as a model of tech-driven educational reform, reverted to a more conventional type of schooling with rote learning, an emphasis on discipline, and traditional hierarchies of authority.

Sims shows how the philanthropic possibilities of new media technologies are repeatedly idealized even though actual interventions routinely fall short of the desired outcomes—often dramatically so. He traces the complex processes by which idealistic tech-reform perennially takes root, unsettles the worlds into which it intervenes, and eventually stabilizes in ways that remake and extend many of the social predicaments reformers hope to fix.

Disruptive Fixation offers a timely examination of techno-philanthropism and the yearnings and dilemmas it seeks to address, revealing what failed interventions do manage to accomplish—and for whom.

Christo Sims is assistant professor of communication and a founding member of the Studio for Ethnographic Design at the University of California, San Diego.

APRIL

978-0-691-16399-4 **Paper \$27.95S**

978-0-691-16398-7 **Cloth \$80.00S**

224 pages. 1 line illus. 1 table. 6 x 9.

Princeton Studies in Culture and Technology
Tom Boellstorff and Bill Maurer, Series Editors

ANTHROPOLOGY | EDUCATION

Anthropology 121

Continuous-Time Models in Corporate Finance

A User's Guide

SANTIAGO MORENO-BROMBERG &
JEAN-CHARLES ROCHET

Continuous-Time Models in Corporate Finance

synthesizes four decades of research to show how stochastic calculus can be used in corporate finance. Combining mathematical rigor with economic intuition, Santiago Moreno-Bromberg and Jean-Charles Rochet analyze corporate decisions such as dividend distribution, the issuance of securities, and capital structure and default. They pay particular attention to financial intermediaries, including banks and insurance companies.

The authors begin by recalling the ways that option-pricing techniques can be employed for the pricing of corporate debt and equity. They then present the dynamic model of the trade-off between taxes and bankruptcy costs and derive implications for optimal capital structure. The core chapter introduces the workhorse liquidity-management model—where liquidity and risk management decisions are made in order to minimize the costs of external finance. This model is used to study corporate finance decisions and specific features of banks and insurance companies. The book concludes by presenting the dynamic agency model, where financial frictions stem from the lack of interest alignment between a firm's manager and its financiers. The appendix contains an overview of the main mathematical tools used throughout the book.

Santiago Moreno-Bromberg is senior research associate in the Center for Finance and Insurance at the University of Zurich. **Jean-Charles Rochet** is professor of banking at the University of Zurich, senior chair and head of research at the Swiss Finance Institute, and research director at the Toulouse School of Economics.

JULY

978-0-691-17652-9 **Cloth \$45.00S**
200 pages. 15 line illus. 5 ½ x 8 ½.

ECONOMICS | FINANCE

122 Economics

Matching with Transfers

The Economics of Love and Marriage

PIERRE-ANDRÉ CHIAPPORI

Over the past few decades, matching models, which use mathematical frameworks to analyze allocation mechanisms for heterogeneous products and individuals, have attracted renewed attention in both theoretical and applied economics. These models have been used in many contexts, from labor markets to organ donations, but recent work has tended to focus on “nontransferable” cases rather than matching models with transfers. In this important book, Pierre-André Chiappori fills a gap in the literature by presenting a clear and elegant overview of matching with transfers and provides a set of tools that enable the analysis of matching patterns in equilibrium, as well as a series of extensions. He then applies these tools to the field of family economics and shows how analysis of matching patterns and of the incentives thus generated can contribute to our understanding of long-term economic trends, including inequality and the demand for higher education.

Pierre-André Chiappori is the E. Rowan and Barbara Steinschneider Professor of Economics at Columbia University and a Distinguished Fellow at the Becker Friedman Institute for Research in Economics at the University of Chicago. He is the author or coauthor of several books, including *Economics of the Family*.

JUNE

978-0-691-17173-9 **Cloth \$59.95S**
288 pages. 36 line illus. 2 tables. 6 x 9.

The Gorman Lectures in Economics
Richard Blundell, Series Editor

ECONOMICS

Open Economy Macroeconomics

MARTÍN URIBE & STEPHANIE SCHMITT-GROHÉ

Combining theoretical models and data in ways unimaginable just a few years ago, open economy macroeconomics has experienced enormous growth over the past several decades. This rigorous and self-contained textbook brings graduate students, scholars, and policymakers to the research frontier and provides the tools and context necessary for new research and policy proposals.

Martín Uribe and Stephanie Schmitt-Grohé factor in the discipline's latest developments, including major theoretical advances in incorporating financial and nominal frictions into microfounded dynamic models of the open economy, the availability of macro- and microdata for emerging and developed countries through the efforts of national and international statistical agencies, and a revolution in the tools available to simulate and estimate dynamic stochastic models. The authors begin with a canonical general equilibrium model of an open economy and then build levels of complexity through the coverage of important topics such as international business-cycle analysis, financial frictions as drivers and transmitters of business cycles and global crises, sovereign default, pecuniary externalities, involuntary unemployment, optimal macroprudential policy, and the role of nominal rigidities in shaping optimal exchange-rate policy.

Based on courses taught by the authors at several universities, *Open Economy Macroeconomics* is an essential resource for students, researchers, and practitioners.

- ◆ Detailed exploration of international business-cycle analysis
- ◆ Coverage of financial frictions as drivers and transmitters of business cycles and global crises
- ◆ Extensive investigation of nominal rigidities and their role in shaping optimal exchange-rate policy

Martín Uribe is professor of economics at Columbia University and a research associate at the National Bureau of Economic Research.

Stephanie Schmitt-Grohé is professor of economics at Columbia University, a research associate at the National Bureau of Economic Research, and a research fellow at the Center for Economic and Policy Research.

APRIL

978-0-691-15877-8 **Cloth \$85.00S**

608 pages. 100 line illus. 72 tables. 7 x 10.

ECONOMICS | FINANCE

A cutting-edge graduate-level textbook on the macroeconomics of international trade

“Written by leading scholars in the field, this thorough textbook presents comprehensive coverage of modern open economy macroeconomics through the use of rigorous models. It will become a classic of the discipline.”

—Ugo Panizza, Graduate Institute of International and Development Studies in Geneva

“No other single textbook provides the level of detailed mathematics behind open economy macroeconomics like this one.”

—Eddery Lam, Rochester Institute of Technology

Arab Patriotism

The Ideology and Culture of Power in
Late Ottoman Egypt

ADAM MESTYAN

Arab Patriotism presents the essential backstory to the formation of the modern nation-state and mass nationalism in the Middle East. While standard histories claim that the roots of Arab nationalism emerged in opposition to the Ottoman milieu, Adam Mestyan points to the patriotic sentiment that grew in the Egyptian province of the Ottoman Empire during the nineteenth century, arguing that it served as a pivotal way station on the path to the birth of Arab nationhood.

Through extensive archival research, Mestyan examines the collusion of various Ottoman elites in creating this nascent sense of national belonging and finds that learned culture played a central role in this development. Mestyan investigates the experience of community during this period, engendered through participation in public rituals and being part of a theater audience. He describes the embodied and textual ways these experiences were produced through urban spaces, poetry, performances, and journals. From the Khedivial Opera House's staging of Verdi's *Aida* and the first Arabic magazine to the 'Urabi revolution and the restoration of the authority of Ottoman viceroys under British occupation, Mestyan illuminates the cultural dynamics of a regime that served as the precondition for nation-building in the Middle East.

A wholly original exploration of Egypt in the context of the Ottoman Empire, *Arab Patriotism* sheds fresh light on the evolving sense of political belonging in the Arab world.

Adam Mestyan is assistant professor of history at Duke University.

MAY

978-0-691-17264-4 **Cloth \$45.00S**
312 pages. 12 halftones. 8 tables. 6 x 9.

MIDDLE EAST STUDIES | HISTORY

Aftershocks

Great Powers and Domestic Reforms
in the Twentieth Century

SEVA GUNITSKY

Over the past century, democracy spread around the world in turbulent bursts of change, sweeping across national borders in dramatic cascades of revolution and reform. *Aftershocks* is the first book to offer a detailed explanation for this wavelike spread and retreat—not only of democracy but also of its twentieth-century rivals, fascism and communism.

Seva Gunitsky argues that waves of regime change are driven by the aftermath of cataclysmic disruptions to the international system. These hegemonic shocks, marked by the sudden rise and fall of great powers, have been essential and often-neglected drivers of domestic transformations. Though rare and fleeting, they not only repeatedly alter the global hierarchy of powerful states but also create unique and powerful opportunities for sweeping national reforms—by triggering military impositions, swiftly changing the incentives of domestic actors, or transforming the basis of political legitimacy itself. As a result, the evolution of modern regimes cannot be fully understood without examining the consequences of clashes between great powers, which repeatedly—and often unsuccessfully—sought to cajole, inspire, and intimidate other states into joining their camps.

Seva Gunitsky is assistant professor of political science at the University of Toronto.

APRIL

978-0-691-17234-7 **Paper \$29.95S**
978-0-691-17233-0 **Cloth \$95.00S**
280 pages. 23 line illus. 4 tables. 6 x 9.

Princeton Studies in International History and Politics
G. John Ikenberry, Marc Trachtenberg, and
William C. Wohlforth, Series Editors

POLITICAL SCIENCE | INTERNATIONAL RELATIONS

Communism's Shadow

Historical Legacies and Contemporary Political Attitudes

GRIGORE POP-ELECHES & JOSHUA A. TUCKER

It has long been assumed that the historical legacy of Soviet Communism would have an important effect on post-communist states. However, prior research has focused primarily on the institutional legacy of communism. *Communism's Shadow* instead turns the focus to the individuals who inhabit post-communist countries, presenting a rigorous assessment of the legacy of communism on political attitudes.

Post-communist citizens hold political, economic, and social opinions that consistently differ from individuals in other countries. Grigore Pop-Eleches and Joshua Tucker introduce two distinct frameworks to explain these differences, the first of which focuses on the effects of *living in a post-communist country*, and the second on *living through communism*. Drawing on large-scale research encompassing post-communist states and other countries around the globe, the authors demonstrate that living through communism has a clear, consistent influence on why citizens in post-communist countries are, on average, less supportive of democracy and markets and more supportive of state-provided social welfare. The longer citizens have lived through communism, especially as adults, the greater their support for beliefs associated with communist ideology—the one exception being opinions regarding gender equality.

A thorough and nuanced examination of communist legacies' lasting influence on public opinion, *Communism's Shadow* highlights the ways in which political beliefs can outlast institutional regimes.

Grigore Pop-Eleches is professor of politics and international affairs at the Woodrow Wilson School at Princeton University. He is the author of *From Economic Crisis to Reform*. **Joshua A. Tucker** is professor of politics and (by courtesy) Russian and Slavic studies and data science at New York University. He is the author of *Regional Economic Voting: Russia, Poland, Hungary, Slovakia, and the Czech Republic, 1990–1999*.

MAY

978-0-691-17559-1 **Paper \$29.95S**

978-0-691-17558-4 **Cloth \$99.00S**

328 pages. 25 line illus. 25 tables. 6 x 9.

Princeton Studies in Political Behavior
Tali Mendelberg, Series Editor

POLITICAL SCIENCE | COMPARATIVE POLITICS

The first book to measure the impact of communism on the social beliefs of post-communist citizens

“Looking at post-Soviet countries and ordinary members of the general public, *Communism's Shadow* investigates the argument that cultural legacies from the past influence current political attitudes and behaviors. This book is the first to systematically test this theory and is undoubtedly a landmark study in the field of comparative politics.”

—James L. Gibson, Washington University in St. Louis

“*Communism's Shadow* compares the extent to which attitudes toward democracy, the market, the welfare state, and gender equality in post-communist nations differ from opinions found in the rest of the world. Taking on a perennially important topic with considerable sophistication and care, this terrific book will be widely read.”

—Timothy Frye, Columbia University

How Statesmen Think

The Psychology of International Politics

ROBERT JERVIS

Robert Jervis has been a pioneering leader in the study of the psychology of international politics for more than four decades. *How Statesmen Think* presents his most important ideas on the subject from across his career. This collection of revised and updated essays applies, elaborates, and modifies his pathbreaking work. The result is an indispensable book for students and scholars of international relations.

How Statesmen Think demonstrates that expectations and political and psychological needs are the major drivers of perceptions in international politics, as well as in other arenas. Drawing on the increasing attention psychology is paying to emotions, the book discusses how emotional needs help structure beliefs. It also shows how decision makers use multiple shortcuts to seek and process information when making foreign policy and national security judgments. For example, the desire to conserve cognitive resources can cause decision makers to look at misleading indicators of military strength. The book also looks at how deterrent threats and counterpart promises often fail because they are misperceived.

How Statesmen Think examines how these processes play out in many areas of foreign and security policy, including the threat of inadvertent war, the development of domino beliefs, the formation and role of national identities, and conflicts between intelligence organizations and policymakers.

Robert Jervis is the Adlai E. Stevenson Professor of International Politics at Columbia University. He is the author of *Perception and Misperception in International Politics* (see page 103).

MARCH

978-0-691-17644-4 **Paper \$29.95S**

978-0-691-17505-8 **Cloth \$95.00S**

288 pages. 6 x 9.

POLITICAL SCIENCE | INTERNATIONAL RELATIONS

126 Political Science

Fighting for Status

Hierarchy and Conflict in World Politics

JONATHAN RENSHON

There is widespread agreement that status or standing in the international system is a critical element in world politics. The desire for status is recognized as a key factor in nuclear proliferation, the rise of China, and other contemporary foreign policy issues, and has long been implicated in foundational theories of international relations and foreign policy. Despite the consensus that status matters, we lack a basic understanding of status dynamics in international politics. The first book to comprehensively examine this subject, *Fighting for Status* presents a theory of status dissatisfaction that delves into the nature of prestige in international conflicts and specifies why states want status and how they get it.

What actions do status concerns trigger, and what strategies do states use to maximize or salvage their standing? When does status matter, and under what circumstances do concerns over relative position overshadow the myriad other concerns that leaders face? In examining these questions, Jonathan Renshon moves beyond a focus on major powers and shows how different states construct status communities of peer competitors that shift over time as states move up or down, or out, of various groups.

Combining innovative network-based statistical analysis, historical case studies, and a lab experiment that uses a sample of real-world political and military leaders, *Fighting for Status* provides a compelling look at the causes and consequences of status on the global stage.

Jonathan Renshon is an assistant professor and Trice Faculty Scholar in the Department of Political Science at the University of Wisconsin–Madison.

APRIL

978-0-691-17450-1 **Paper \$29.95S**

978-0-691-17449-5 **Cloth \$95.00S**

312 pages. 24 line illus. 9 tables. 6 x 9.

POLITICAL SCIENCE | INTERNATIONAL RELATIONS

Building an American Empire

The Era of Territorial and Political Expansion

PAUL FRYMER

Westward expansion of the United States is most conventionally remembered for rugged individualism, geographic isolationism, and a fair amount of luck. Yet the establishment of the forty-eight contiguous states was hardly a foregone conclusion, and the federal government played a critical role in its success. This book examines the politics of American expansion, showing how the government's regulation of population movements on the frontier, both settlement and removal, advanced national aspirations for empire and promoted the formation of a white settler nation.

Building an American Empire details how a government that struggled to exercise plenary power used federal land policy to assert authority over the direction of expansion by engineering the pace and patterns of settlement and to control the movement of populations. At times, the government mobilized populations for compact settlement in strategically important areas of the frontier; at other times, policies were designed to actively restrain settler populations in order to prevent violence, international conflict, and breakaway states. Paul Frymer examines how these settlement patterns helped construct a dominant racial vision for America by incentivizing and directing the movement of white European settlers onto indigenous and diversely populated lands. These efforts were hardly seamless, and Frymer pays close attention to the failures as well, from the lack of further expansion into Latin America to the defeat of the black colonization movement.

Building an American Empire reveals the lasting and profound significance government settlement policies had for the nation, both for establishing America as dominantly white and for restricting broader aspirations for empire in lands that could not be so racially engineered.

Paul Frymer is professor of politics and director of the Program in Law and Public Affairs at Princeton University.

MAY

978-0-691-16605-6 **Cloth \$35.00S**

312 pages. 3 halftones. 25 line illus. 19 maps. 6 x 9.

Princeton Studies in American Politics: Historical, International, and Comparative Perspectives

Ira Katznelson, Eric Schickler, Martin Shefter, and Theda Skocpol, Series Editors

POLITICAL SCIENCE | AMERICAN HISTORY

How American westward expansion was governmentally engineered to promote the formation of a white settler nation

"*Building an American Empire* is full of interesting ideas, facts, and insights. Frymer argues that the American state vigorously engaged in acquiring and governing land, and built a predominantly white society that employed racial removal and envisioned a marginal role for Native Americans and free blacks."

—David Brian Robertson, author of *The Original Compromise: What the Constitution's Framers Were Really Thinking*

"Frymer has crafted an intellectually ambitious, important book that addresses one of the most significant questions in American history: how did a tiny coastal federation with a weak state effectively settle a rich and contested—not to mention already occupied—land mass?"

—Brian Balogh, author of *A Government Out of Sight: The Mystery of National Authority in Nineteenth-Century America*

Ideology in the Supreme Court

LAWRENCE BAUM

Ideology in the Supreme Court is the first book to analyze the process by which the ideological stances of U.S. Supreme Court justices translate into the positions they take on the issues that the Court addresses. Eminent Supreme Court scholar Lawrence Baum argues that the links between ideology and issues are not simply a matter of reasoning logically from general premises. Rather, they reflect the development of shared understandings among political elites, including Supreme Court justices. And broad values about matters such as equality are not the only source of these understandings. Another potentially important source is the justices' attitudes about social or political groups, such as the business community and the Republican and Democratic parties.

The book probes these sources by analyzing three issues on which the relative positions of liberal and conservative justices changed between 1910 and 2013: freedom of expression, criminal justice, and government "takings" of property. Analyzing the Court's decisions and other developments during that period, Baum finds that the values underlying liberalism and conservatism help to explain these changes, but that justices' attitudes toward social and political groups also played a powerful role.

Providing a new perspective on how ideology functions in Supreme Court decision making, *Ideology in the Supreme Court* has important implications for how we think about the Court and its justices.

Lawrence Baum is professor emeritus of political science at Ohio State University. His books include *Judges and Their Audiences* (Princeton).

MAY

978-0-691-17552-2 **Cloth \$35.00S**
256 pages. 12 line illus. 11 tables. 6 x 9.

POLITICAL SCIENCE | AMERICAN POLITICS

Trading Barriers

Immigration and the Remaking of Globalization

MARGARET E. PETERS

Why have countries increasingly restricted immigration even when they have opened their markets to foreign competition through trade or allowed their firms to move jobs overseas? In *Trading Barriers*, Margaret Peters argues that the increased ability of firms to produce anywhere in the world combined with growing international competition due to lowered trade barriers has led to greater limits on immigration.

Peters explains that businesses relying on low-skill labor have been the major proponents of greater openness to immigrants. Immigration helps lower costs, making these businesses more competitive at home and abroad. However, increased international competition, due to lower trade barriers and greater economic development in the developing world, has led many businesses in wealthy countries to close or move overseas. Productivity increases have allowed those firms that have chosen to remain behind to do more with fewer workers. Together, these changes in the international economy have sapped the crucial business support necessary for more open immigration policies at home, empowered anti-immigrant groups, and spurred greater controls on migration.

Debunking the commonly held belief that domestic social concerns are the deciding factor in determining immigration policy, *Trading Barriers* demonstrates the important and influential role played by international trade and capital movements.

Margaret E. Peters is assistant professor of political science at the University of California, Los Angeles.

JUNE

978-0-691-17448-8 **Paper \$32.95S**
978-0-691-17447-1 **Cloth \$95.00S**
352 pages. 33 line illus. 33 tables. 6 x 9.

POLITICAL SCIENCE | INTERNATIONAL RELATIONS

The Probability Lifesaver

All the Tools You Need to Understand Chance

STEVEN J. MILLER

For students learning probability, its numerous applications, techniques, and methods can seem intimidating and overwhelming. That's where *The Probability Lifesaver* steps in. Designed to serve as a complete stand-alone introduction to the subject or as a supplement for a course, this accessible and user-friendly textbook helps students comfortably navigate probability's terrain and achieve positive results.

The Probability Lifesaver is based on a successful course that Steven Miller has taught at Brown University, Mount Holyoke College, and Williams College. With a relaxed and informal style, Miller presents the math with thorough reviews of prerequisite materials, worked-out problems of varying difficulty, and proofs. He explores a topic first to build intuition, and only after that does he dive into technical details. Coverage of topics is comprehensive, and materials are repeated for reinforcement—both in the textbook and on the book's website. An appendix goes over proof techniques, and video lectures of the course are available online. Students using this book should have some familiarity with algebra and precalculus.

The Probability Lifesaver not only enables students to survive probability but also to achieve mastery of the subject for use in future courses.

- ◆ A helpful introduction to probability or a perfect supplement for a course
- ◆ Numerous worked-out examples
- ◆ Lectures based on the chapters are available free online
- ◆ Intuition of problems emphasized first, then technical proofs given

Steven J. Miller is associate professor of mathematics at Williams College. He is the coauthor of *An Invitation to Modern Number Theory* (Princeton) and *The Mathematics of Encryption: An Elementary Introduction*.

JUNE

978-0-691-14955-4 **Paper \$29.95S**

978-0-691-14954-7 **Cloth \$99.50S**

752 pages. 8 color illus. 64 line illus. 21 tables. 7 x 10.

A Princeton Lifesaver Study Guide

MATHEMATICS | PROBABILITY

The essential lifesaver for students who want to master probability

"I see a tremendous value in this fun, engaging, and informal book. It has a conversational tone, which invites students to engage the material and concepts. It is as if Miller is there, lecturing on the topics, helping students to think things through for themselves."

—John Imbrie, University of Virginia

"This fun book gives readers the feeling that they are having a live conversation with the author. A wonderful resource for students and teachers alike, *The Probability Lifesaver* contains clear and detailed explanations, problems with solutions on every topic, and extremely helpful background material."

—Iddo Ben-Ari, University of Connecticut

Office Hours with a Geometric Group Theorist

EDITED BY MATT CLAY & DAN MARGALIT

Geometric group theory is the study of the interplay between groups and the spaces they act on, and has its roots in the works of Henri Poincaré, Felix Klein, J.H.C. Whitehead, and Max Dehn. *Office Hours with a Geometric Group Theorist* brings together leading experts who provide one-on-one instruction on key topics in this exciting and relatively new field of mathematics. It's like having office hours with your most trusted math professors.

An essential primer for undergraduates making the leap to graduate work, the book begins with free groups—actions of free groups on trees, algorithmic questions about free groups, the ping-pong lemma, and automorphisms of free groups. It goes on to cover several large-scale geometric invariants of groups, including quasi-isometry groups, Dehn functions, Gromov hyperbolicity, and asymptotic dimension. It also delves into important examples of groups, such as Coxeter groups, Thompson's groups, right-angled Artin groups, lamplighter groups, mapping class groups, and braid groups. The tone is conversational throughout, and the instruction is driven by examples.

Accessible to students who have taken a first course in abstract algebra, *Office Hours with a Geometric Group Theorist* also features numerous exercises and in-depth projects designed to engage readers and provide jumping-off points for research projects.

Matt Clay is associate professor of mathematics at the University of Arkansas. **Dan Margalit** is professor of mathematics at the Georgia Institute of Technology.

AUGUST

978-0-691-15866-2 **Paper \$55.00S**
464 pages. 136 color illus. 2 halftones.
86 line illus. 2 tables. 6 x 9.

MATHEMATICS

130 Mathematics

Rays, Waves, and Scattering

Topics in Classical Mathematical Physics

JOHN A. ADAM

This one-of-a-kind book presents many of the mathematical concepts, structures, and techniques used in the study of rays, waves, and scattering. Panoramic in scope, it includes discussions of how ocean waves are refracted around islands and underwater ridges, how seismic waves are refracted in the earth's interior, how atmospheric waves are scattered by mountains and ridges, how the scattering of light waves produces the blue of the sky, and meteorological phenomena such as rainbows and coronas.

Rays, Waves, and Scattering is a valuable resource for practitioners, graduate students, and advanced undergraduates in applied mathematics, theoretical physics, and engineering. Bridging the gap between advanced treatments of the subject written for specialists and less mathematical books aimed at beginners, this unique mathematical compendium features problems and exercises throughout that are geared to various levels of sophistication, covering everything from Ptolemy's theorem to Fresnel integrals, and several informative appendixes.

- ◆ Provides a panoramic look at wave motion in many different contexts
- ◆ Features problems and exercises throughout
- ◆ Includes numerous appendices, some on topics not often covered
- ◆ An ideal reference book for practitioners

John A. Adam is professor of mathematics at Old Dominion University.

JULY

978-0-691-14837-3 **Cloth \$85.00S**
656 pages. 126 line illus. 6 x 9.

Princeton Series in Applied Mathematics
Ingrid Daubechies, Weinan E, Jan Karel Lenstra, and
Endre Süli, Series Editors

MATHEMATICS | PHYSICS | ENGINEERING

Asymptotic Differential Algebra and Model Theory of Transseries

MATTHIAS ASCHENBRENNER, LOU VAN DEN DRIES & JORIS VAN DER HOEVEN

Asymptotic differential algebra seeks to understand the solutions of differential equations and their asymptotics from an algebraic point of view. The differential field of transseries plays a central role in the subject. Besides powers of the variable, these series may contain exponential and logarithmic terms. Over the last thirty years, transseries emerged variously as super-exact asymptotic expansions of return maps of analytic vector fields, in connection with Tarski's problem on the field of reals with exponentiation, and in mathematical physics. Their formal nature also makes them suitable for machine computations in computer algebra systems.

This self-contained book validates the intuition that the differential field of transseries is a universal domain for asymptotic differential algebra. It does so by establishing in the realm of transseries a complete elimination theory for systems of algebraic differential equations with asymptotic side conditions. Beginning with background chapters on valuations and differential algebra, the book goes on to develop the basic theory of valued differential fields, including a notion of differential-henselianity.

Matthias Aschenbrenner is professor of mathematics at the University of California, Los Angeles.

Lou van den Dries is professor of mathematics at the University of Illinois, Urbana-Champaign.

Joris van der Hoeven is director of research at the French National Center for Scientific Research (CNRS).

JUNE

978-0-691-17543-0 **Paper \$75.00S**

978-0-691-17542-3 **Cloth \$165.00S**

880 pages. 12 line illus. 6 x 9.

Annals of Mathematics Studies, 195

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

MATHEMATICS

Hölder Continuous Euler Flows in Three Dimensions with Compact Support in Time

PHILIP ISETT

Motivated by the theory of turbulence in fluids, the physicist and chemist Lars Onsager conjectured in 1949 that weak solutions to the incompressible Euler equations might fail to conserve energy if their spatial regularity was below $1/3$ -Hölder. In this book, Philip Isett uses the method of convex integration to achieve the best-known results regarding nonuniqueness of solutions and Onsager's conjecture. Focusing on the intuition behind the method, the ideas introduced now play a pivotal role in the ongoing study of weak solutions to fluid dynamics equations.

The construction itself—an intricate algorithm with hidden symmetries—mixes together transport equations, algebra, the method of nonstationary phase, underdetermined partial differential equations (PDEs), and specially designed high-frequency waves built using nonlinear phase functions. The powerful “Main Lemma”—used here to construct nonzero solutions with compact support in time and to prove nonuniqueness of solutions to the initial value problem—has been extended to a broad range of applications that are surveyed in the appendix. Appropriate for students and researchers studying nonlinear PDEs, this book aims to be as robust as possible and pinpoints the main difficulties that presently stand in the way of a full solution to Onsager's conjecture.

Philip Isett is assistant professor of mathematics at the University of Texas, Austin.

APRIL

978-0-691-17483-9 **Paper \$75.00S**

978-0-691-17482-2 **Cloth \$165.00S**

224 pages. 6 x 9.

Annals of Mathematics Studies, 196

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

MATHEMATICS

The Mathematics of Shock Reflection-Diffraction and von Neumann's Conjectures

GUI-QIANG G. CHEN &
MIKHAIL FELDMAN

This book offers a survey of recent developments in the analysis of shock reflection-diffraction, a detailed presentation of original mathematical proofs of von Neumann's conjectures for potential flow, and a collection of related results and new techniques in the analysis of partial differential equations (PDEs), as well as a set of fundamental open problems for further development.

Shock waves are fundamental in nature. They are governed by the Euler equations or their variants, generally in the form of nonlinear conservation laws—PDEs of divergence form. When a shock hits an obstacle, shock reflection-diffraction configurations take shape. To understand the fundamental issues involved, such as the structure and transition criteria of different configuration patterns, it is essential to establish the global existence, regularity, and structural stability of shock reflection-diffraction solutions. This involves dealing with several core difficulties in the analysis of nonlinear PDEs—mixed type, free boundaries, and corner singularities—that also arise in fundamental problems in diverse areas such as continuum mechanics, differential geometry, mathematical physics, and materials science.

Gui-Qiang G. Chen is the Statutory Professor in the Analysis of Partial Differential Equations at the Mathematical Institute of the University of Oxford.

Mikhail Feldman is professor of mathematics at the University of Wisconsin–Madison.

JULY

978-0-691-16055-9 **Paper \$75.00S**
978-0-691-16054-2 **Cloth \$165.00S**
776 pages. 35 line illus. 6 x 9.

Annals of Mathematics Studies, 197
Phillip A. Griffiths, John N. Mather, and Elias M. Stein,
Series Editors

MATHEMATICS

132 Mathematics | Engineering

Noncooperative Game Theory

An Introduction for Engineers
and Computer Scientists

JOÃO P. HESPANHA

Noncooperative Game Theory is aimed at students interested in using game theory as a design methodology for solving problems in engineering and computer science. João Hespanha shows that such design challenges can be analyzed through game theoretical perspectives that help to pinpoint each problem's essence: Who are the players? What are their goals? Will the solution to "the game" solve the original design problem? Using the fundamentals of game theory, Hespanha explores these issues and more.

The use of game theory in technology design is a recent development arising from the intrinsic limitations of classical optimization-based designs. In optimization, one attempts to find values for parameters that minimize suitably defined criteria—such as monetary cost, energy consumption, or heat generated. However, in most engineering applications, there is always some uncertainty as to how the selected parameters will affect the final objective. Through a sequential and easy-to-understand discussion, Hespanha examines how to make sure that the selection leads to acceptable performance, even in the presence of uncertainty—the unforgiving variable that can wreck engineering designs. Hespanha looks at such standard topics as zero-sum, non-zero-sum, and dynamics games and includes a MATLAB guide to coding.

Noncooperative Game Theory offers students a fresh way of approaching engineering and computer science applications.

João P. Hespanha is a professor in the Department of Electrical and Computer Engineering at the University of California, Santa Barbara. He is the author of *Linear Systems Theory* (Princeton).

JUNE

978-0-691-17521-8 **Cloth \$65.00X**
214 pages. 8 x 10.

ENGINEERING | COMPUTER SCIENCE | MATHEMATICS

Ecological Forecasting

MICHAEL C. DIETZE

Ecologists are being asked to respond to unprecedented environmental challenges. How can they provide the best available scientific information about what will happen in the future? *Ecological Forecasting* is the first book to bring together the concepts and tools needed to make ecology a more predictive science.

Ecological Forecasting presents a new way of doing ecology. A closer connection between data and models can help us to project our current understanding of ecological processes into new places and times. This accessible and comprehensive book covers a wealth of topics, including Bayesian calibration and the complexities of real-world data; uncertainty quantification, partitioning, propagation, and analysis; feedbacks from models to measurements; state-space models and data fusion; iterative forecasting and the forecast cycle; and decision support.

- ◆ Features case studies that highlight the advances and opportunities in forecasting across a range of ecological subdisciplines, such as epidemiology, fisheries, endangered species, biodiversity, and the carbon cycle
- ◆ Presents a probabilistic approach to prediction and iteratively updating forecasts based on new data
- ◆ Describes statistical and informatics tools for bringing models and data together, with emphasis on:
 - ◆ Quantifying and partitioning uncertainties
 - ◆ Dealing with the complexities of real-world data
 - ◆ Feedbacks to identifying data needs, improving models, and decision support
- ◆ Numerous hands-on activities in R available online

Michael C. Dietze is associate professor in the Department of Earth and Environment at Boston University.

JUNE

978-0-691-16057-3 **Cloth \$65.00S**

304 pages. 1 halftone. 81 line illus. 6 tables. 7 x 10.

ECOLOGY | BIOLOGY

An authoritative and accessible introduction to the concepts and tools needed to make ecology a more predictive science

“As the world enters an era of change in which the past is a limited guide to the future, one great challenge is predicting how ecosystems will behave in situations for which there is no analog. While many scientists have recognized this problem, Dietze has done something about it, and mobilized a set of concepts and tools to draw on. He synthesizes a wide range of material and makes some genuinely difficult material accessible. This book really has no competitors.”

—David Schimel, author of *Climate and Ecosystems*

“Dietze’s subject is a really important one, and his focus on forecasting and its implementation is novel.”

—Alan Hastings, University of California, Davis

Mate Choice

The Evolution of Sexual Decision Making
from Microbes to Humans

GIL G. ROSENTHAL

*A major new look at the evolution
of mating decisions in organisms
from protozoans to humans*

“This book takes an interesting and substantial look at mate choice and will become a new reference on the topic. With its exhaustive references, broad taxonomic coverage, and fresh direction, this important work is a major, significant contribution to the field.”
—Richard O. Prum, Yale University

“Taking on the enormous field of mate choice, Gil Rosenthal reviews and curates research from neurobiology and endocrinology through psychology and evolutionary genetics to produce a towering work. An indispensable resource for students of animal behavior and evolution, this comprehensive and thoughtful book will anchor the study of mate choice for decades to come.”
—Robert Brooks, University of New South Wales, Australia

The popular consensus on mate choice has long been that females select mates likely to pass good genes to offspring. In *Mate Choice*, Gil Rosenthal overturns much of this conventional wisdom. Providing the first synthesis of the topic in more than three decades, and drawing from a wide range of fields, including animal behavior, evolutionary biology, social psychology, neuroscience, and economics, Rosenthal argues that “good genes” play a relatively minor role in shaping mate choice decisions and demonstrates how mate choice is influenced by genetic factors, environmental effects, and social interactions.

Looking at diverse organisms, from protozoans to humans, Rosenthal explores how factors beyond the hunt for good genes combine to produce an endless array of preferences among species and individuals. He explains how mating decisions originate from structural constraints on perception and from nonsexual functions, and how single organisms benefit or lose from their choices. Both the origin of species and their fusion through hybridization are strongly influenced by direct selection on preferences in sexual and nonsexual contexts. Rosenthal broadens the traditional scope of mate choice research to encompass not just animal behavior and behavioral ecology but also neurobiology, the social sciences, and other areas.

Focusing on mate choice mechanisms, rather than the traits they target, *Mate Choice* offers a groundbreaking perspective on the proximate and ultimate forces determining the evolutionary fate of species and populations.

Gil G. Rosenthal is professor of biology and of ecology and evolutionary biology at Texas A&M University. He is codirector of the CICHAZ field station in central Mexico.

AUGUST

978-0-691-15067-3 **Cloth \$55.00S**

664 pages. 24 halftones. 99 line illus. 4 tables. 6 x 9.

BIOLOGY | PSYCHOLOGY | SOCIAL SCIENCE

The Standard Model in a Nutshell

DAVE GOLDBERG

For a theory as genuinely elegant as the Standard Model—the current framework describing elementary particles and their forces—it can sometimes appear to students to be little more than a complicated collection of particles and ranked list of interactions. *The Standard Model in a Nutshell* provides a comprehensive and uncommonly accessible introduction to one of the most important subjects in modern physics, revealing why, despite initial appearances, the entire framework really is as elegant as physicists say.

Dave Goldberg uses a “just-in-time” approach to instruction that enables students to gradually develop a deep understanding of the Standard Model even if this is their first exposure to it. He covers everything from relativity, group theory, and relativistic quantum mechanics to the Higgs boson, unification schemes, and physics beyond the Standard Model. The book also looks at new avenues of research that could answer still-unresolved questions and features numerous worked examples, helpful illustrations, and more than 120 exercises.

- ◆ Provides an essential introduction to the Standard Model for graduate students and advanced undergraduates across the physical sciences
- ◆ Requires no more than an undergraduate-level exposure to quantum mechanics, classical mechanics, and electromagnetism
- ◆ Uses a “just-in-time” approach to topics such as group theory, relativity, classical fields, Feynman diagrams, and quantum field theory
- ◆ Ideal for a one-semester course or independent study
- ◆ Includes a wealth of examples, illustrations, and exercises
- ◆ Solutions manual (available only to professors)

Dave Goldberg is professor of physics at Drexel University, where he also serves as associate dean for research and graduate studies at the College of Arts and Sciences.

MARCH

978-0-691-16759-6 **Cloth \$85.00S**

320 pages. 9 halftones. 66 line illus. 12 tables. 7 x 10.

In a Nutshell

PHYSICS

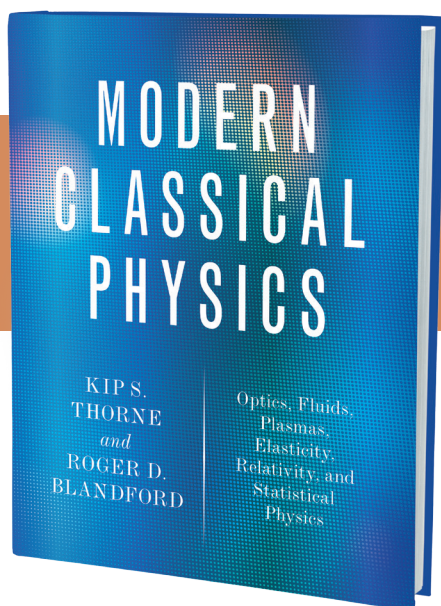
A concise and authoritative introduction to one of the central theories of modern physics

“I’ve never read a clearer or more approachable presentation of the Standard Model. This book is a welcome gem for students.”

—Christopher G. Tully, author of *Elementary Particle Physics in a Nutshell*

“A very complete book, with a lot of information, nice problems, and reference appendixes.”

—Mario Campanelli, University College London



REANNOUNCING

Modern Classical Physics

Optics, Fluids, Plasmas, Elasticity, Relativity,
and Statistical Physics

KIP S. THORNE & ROGER D. BLANDFORD

*A groundbreaking textbook
on twenty-first-century
classical physics*

“Remarkable for its scope and authority, this text offers a new vision of the ‘theoretical minimum’ of classical physics that all physicists should know, a vision that I hope will revitalize the curricula of many physics departments.

On my own shelf it will replace half a dozen dog-eared reference texts.”

—Scott Tremaine, Institute for
Advanced Study

“In an era of fragmentation and specialization, Thorne and Blandford have given us an audacious and splendid grand unification of classical physics, using geometry and space-time as synthesizing principles.

Complicated fields as diverse as optics, elasticity, and plasma physics fall to their masterful pedagogy.”

—William H. Press, University of Texas
at Austin

This first-year graduate-level text and reference book covers the fundamental concepts and twenty-first-century applications of six major areas of classical physics that every masters- or PhD-level physicist should be exposed to, but often isn't: statistical physics, optics (waves of all sorts), elastodynamics, fluid mechanics, plasma physics, and special and general relativity and cosmology. Growing out of a full-year course that the eminent researchers Kip Thorne and Roger Blandford taught at Caltech for almost three decades, this book is designed to broaden the training of physicists. Its six main topical sections are also designed so they can be used in separate courses, and the book is an invaluable reference for researchers.

- ◆ Presents all the major fields of classical physics except three prerequisites: classical mechanics, electromagnetism, and elementary thermodynamics
- ◆ Elucidates the interconnections between diverse fields and explains their shared concepts and tools
- ◆ Focuses on fundamental concepts and modern, real-world applications
- ◆ Takes applications from fundamental, experimental, and applied physics; astrophysics and cosmology; geophysics, oceanography, and meteorology; biophysics and chemical physics; engineering and optical science and technology; and information science and technology
- ◆ Emphasizes the quantum roots of classical physics and how to use quantum techniques to elucidate classical concepts or simplify classical calculations
- ◆ Features hundreds of color figures, some five hundred exercises, extensive cross-references, and a detailed index

Kip S. Thorne is the Feynman Professor Emeritus of Theoretical Physics at Caltech. **Roger D. Blandford** is the Luke Blossom Professor of Physics and the director of the Kavli Institute of Particle Astrophysics and Cosmology at Stanford University.

AUGUST

978-0-691-15902-7 **Cloth \$125.00S**

1528 pages. 349 color illus. 6 halftones. 15 tables. 8 x 10.

PHYSICS

From Photon to Neuron

Light, Imaging, Vision

PHILIP NELSON

Students in the physical and life sciences, and in engineering, need to know about the physics and biology of light. Recently, it has become increasingly clear that an understanding of the quantum nature of light is essential, both for the latest imaging technologies and to advance our knowledge of fundamental life processes, such as photosynthesis and human vision. *From Photon to Neuron* provides undergraduates with an accessible introduction to the physics of light and offers a unified view of a broad range of optical and biological phenomena. Along the way, this richly illustrated textbook builds the necessary background in neuroscience, photochemistry, and other disciplines, bringing students to the latest work in optogenetics, superresolution microscopy, the single-photon response of individual photoreceptor cells, and more.

With its integrated approach, *From Photon to Neuron* can be used as the basis for interdisciplinary courses in physics, biophysics, sensory neuroscience, biophotonics, bioengineering, or nanotechnology. The goal is always for students to gain the fluency needed to derive every result for themselves, so the book includes a wealth of exercises, including many that guide students through computer-based solutions. Supplementary online materials include real experimental data to use with the exercises.

- ◆ Requires only first-year undergraduate physics and the corresponding math
- ◆ Advanced chapters also make the book suitable for graduate courses
- ◆ An electronic solutions manual is available to adopters
- ◆ Strong overlap with the goals of the new MCAT2015

Philip Nelson is professor of physics at the University of Pennsylvania. He is the author of *Biological Physics* and *Physical Models of Living Systems* and coauthor of *A Student's Guide to Python for Physical Modeling* (Princeton). Among other honors, he has received the Biophysical Society's Emily M. Gray Award for educational excellence.

MAY

978-0-691-17519-5 **Paper \$49.50X**

978-0-691-17518-8 **Cloth \$110.00X**

496 pages. 300 color illus. 8 x 10.

A richly illustrated undergraduate textbook on the physics and biology of light

"Nelson has taken a subject usually treated in depth only at the graduate level and developed an understandable and coherent treatment appropriate for undergraduates. He provides a unified framework with which to discuss the disparate ways biological systems interact with light and the variety of ways researchers use light as a biological probe. There is no serious competitor for this book."

—Alex J. Levine, University of California, Los Angeles

"Engaging and unique. This is an excellent and well-developed textbook on the physics of light as it is processed by biological organisms and on how light can be used to interrogate biological material. *From Photon to Neuron* is poised to become a standard text for both physicists and biologists."

—Stephanie Palmer, University of Chicago

An Introduction to X-Ray Physics, Optics, and Applications

CAROLYN MACDONALD

In this book, Carolyn MacDonald provides a comprehensive introduction to the physics of a wide range of x-ray applications, optics, and analysis tools. Theory is applied to practical considerations of optics and applications ranging from astronomy to medical imaging and materials analysis.

Emphasizing common physical concepts that underpin diverse phenomena and applications of x-ray physics, the book opens with a look at nuclear medicine, motivating further investigations into scattering, detection, and noise statistics. The second section explores topics in x-ray generation, including characteristic emission, x-ray fluorescence analysis, bremsstrahlung emission, and synchrotron and laser sources. The third section details the main forms of interaction, including the physics of photoelectric absorption, coherent and Compton scattering, diffraction, and refractive, reflective, and diffractive optics. Applications in this section include x-ray spectroscopy, crystallography, and dose and contrast in radiography. A bibliography is included at the end of every chapter, and solutions to chapter problems are provided in the appendix.

Based on a course for advanced undergraduates and graduate students in physics and related sciences and also intended for researchers, *An Introduction to X-Ray Physics, Optics, and Applications* offers a thorough survey of the physics of x-ray generation and interaction with materials.

Carolyn MacDonald is professor and former chair of physics at the University at Albany and the director of the UAlbany Center for X-ray Optics.

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Paul Langacker is senior scientist at Princeton University, visitor at the Institute for Advanced Study in Princeton, and professor emeritus of physics at the University of Pennsylvania. He is the author of *The Standard Model and Beyond*.

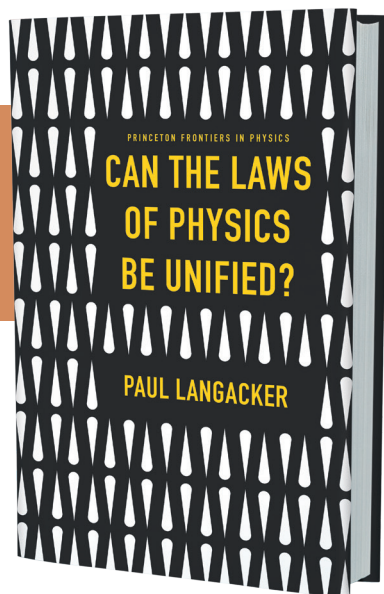
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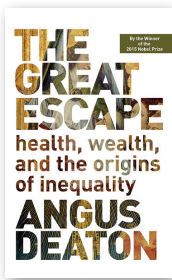
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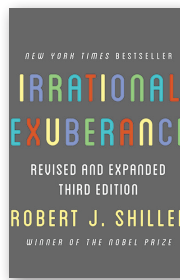
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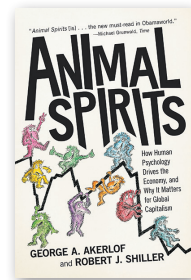
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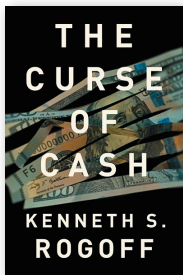
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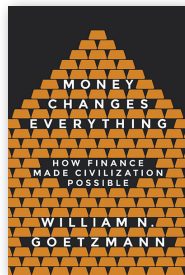
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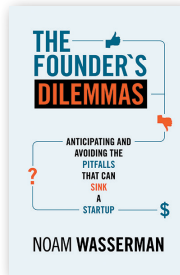
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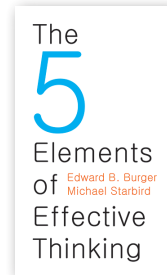
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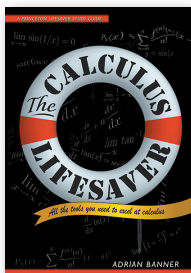
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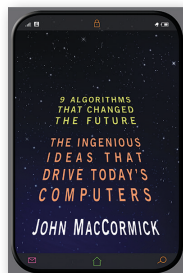
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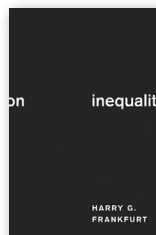
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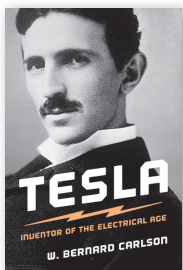
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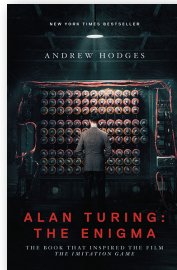
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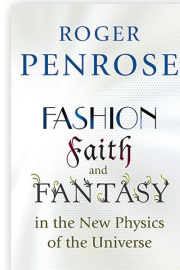
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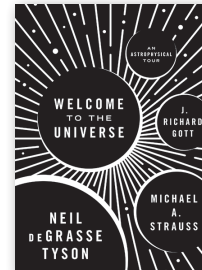
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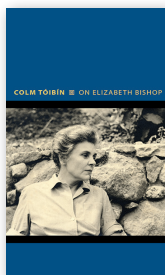
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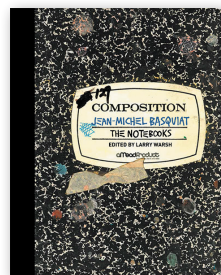
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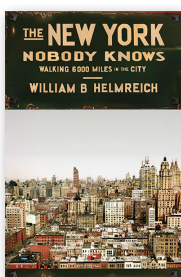
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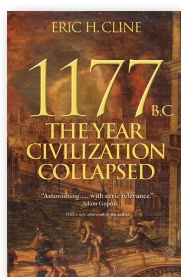
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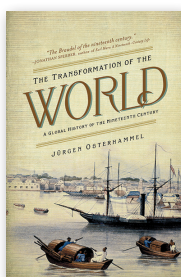
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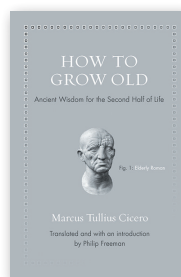
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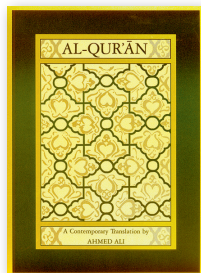
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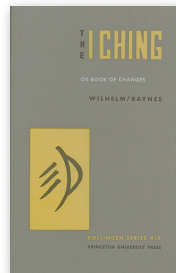
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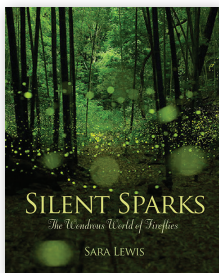
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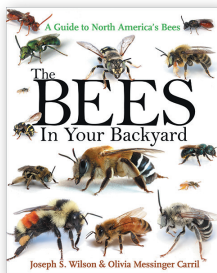
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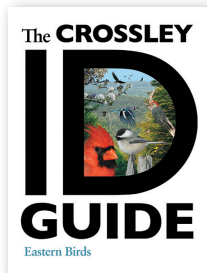
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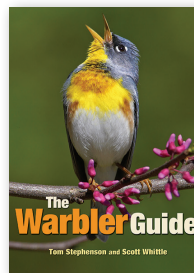
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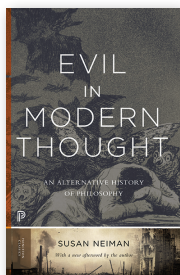
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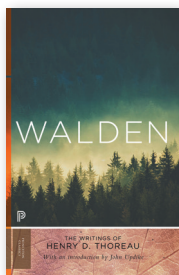
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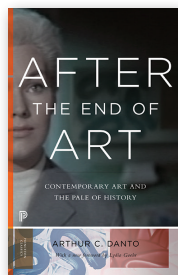
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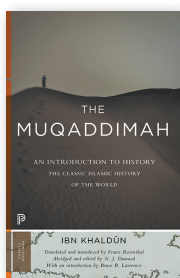
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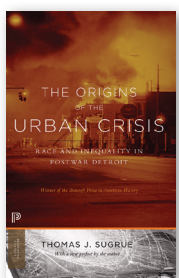
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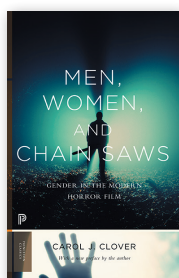
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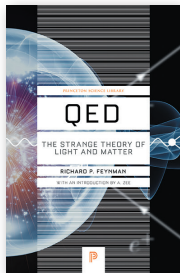
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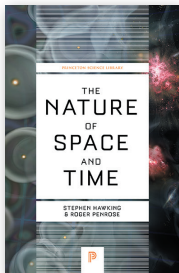
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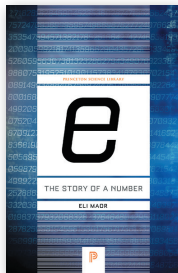
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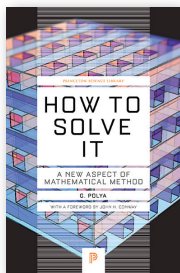
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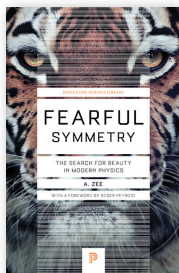
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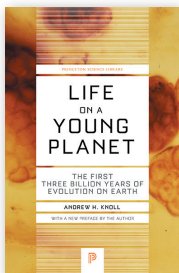
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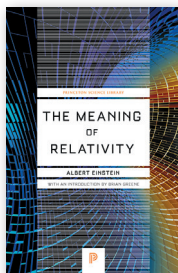
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