

A STORY OF RUINS

Presence and Absence in
Chinese Visual Art and Culture

WU HUNG

This richly illustrated book examines the changing significance of ruins as vehicles for cultural memory in Chinese art and visual culture from ancient times to the present. Leading scholar of Chinese art Wu Hung shows how the story of ruins in China is different from but connected to “ruin culture” in the West. He investigates indigenous Chinese concepts of ruins and their visual manifestations, as well as the complex historical interactions between China and the West since the eighteenth century.

Analyzing a broad variety of traditional and contemporary visual materials, including painting, architecture, photography, prints, and cinema, Hung also embraces a wide variety of subjects—from indigenous methods of recording damage and decay in ancient China, to realistic images of architectural ruins in the nineteenth and twentieth centuries, to the strong interest in urban ruins in contemporary China, as shown in the many artworks that depict demolished houses and decaying industrial sites. The result is an original interpretation of the development of Chinese art, as well as a unique contribution to global art history.

Wu Hung is the Harrie A. Vanderstappen Distinguished Service Professor in Chinese Art History and director of the Center for the Art of East Asia, both at the University of Chicago. He is the author of many books, including, most recently, *The Art of the Yellow Springs: Understanding Chinese Tombs* and *Remaking Beijing: Tiananmen Square and the Creation of a Political Space*.

JUNE

Cloth \$60.00S

978-0-691-15502-9
256 pages. 250 color illus.
7 1/2 x 11 1/2.

ART ■ ASIAN STUDIES

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its dependencies, and Canada

PUBLISHED IN ASSOCIATION WITH
THE METROPOLITAN MUSEUM OF ART

THE ROBERT LEHMAN COLLECTION AT
THE METROPOLITAN MUSEUM OF ART

VOLUME XII

EUROPEAN SCULPTURE AND METALWORK

FRITS SCHOLTEN

This volume catalogs the more than two hundred remarkable and varied pieces of European sculpture and metalwork—dating from the Middle Ages through the twentieth century—amassed by Robert Lehman, one of the foremost art collectors of his generation. Each work in this catalog is illustrated, in many cases with new color photography, and elucidated by in-depth scholarly discussion.

Frits Scholten is senior curator of sculpture at the Rijksmuseum, Amsterdam. He has published widely on European sculpture and decorative arts.

MARCH

Cloth \$75.00S

978-0-691-15489-3
268 pages. 244 color illus.
110 duotones. 8 1/2 x 11.

ART

VOLUME XV

EUROPEAN AND ASIAN DECORATIVE ARTS

WOLFRAM KOEPPE, CLARE LE CORBEILLER,
WILLIAM RIEDER, CHARLES TRUMAN,
SUZANNE G. VALENSTEIN,
CLARE VINCENT & OTHERS

This volume catalogs more than four hundred decorative objects in the Robert Lehman Collection at The Metropolitan Museum of Art, including painted enamels, snuffboxes, porcelain, pottery, ceramics, jewelry, furniture, cast metal, and textiles from throughout Europe and Asia, with the majority dating from the late seventh century to the twentieth century.

MAY

Cloth \$95.00S

978-0-691-15490-9
400 pages. 354 halftones.
8 1/2 x 11.

ART

COMMEMORATIVE LANDSCAPE PAINTING IN CHINA

ANNE DE COURSEY CLAPP

When is a landscape more than a landscape? This is a richly illustrated study of an important genre of Ming-dynasty Chinese painting in which landscapes are actually disguised portraits that celebrate an individual and his achievements, ambitions, and tastes in an open effort to win recognition, support, and social status. In this unique study, Anne de Coursey Clapp presents a broad view of these commemorative landscape paintings, including antecedents in the Song and Yuan dynasties.

The book traces how in commemorative landscape painting members of the literati address their peers in a deeply familiar language of values, just as they had for centuries through literary biography. Although the setting for such pictures is always natural landscape, it is secondary to the man, and its true function is to mirror him as the humanistic ideal of the recluse-scholar. The book shows how the literary associations attached to the new landscape increased during the Yuan dynasty (1271–1368), when the first commemorative paintings appeared, and flourished through the Ming (1368–1644), producing an art form that was simultaneously pictorial and verbal. In the course of exploring the sources and meaning of these paintings, the book examines several varieties of dedicatory paintings, including departure paintings, and the interesting subgenre of “biehao,” in which portrait subjects are symbolized through pictorial representations of their literary names.

Anne de Coursey Clapp is professor emerita of Wellesley College, where she taught East and Southeast Asian art history in the Art Department for more than three decades, retiring in 1999. She is the author of monographs on the Ming dynasty artists Wen Zhengming and Tang Yin.

PUBLICATIONS OF THE DEPARTMENT OF ART AND
ARCHAEOLOGY, PRINCETON UNIVERSITY

JULY

Flexibound \$29.95S

978-0-691-15476-3

176 pages. 51 color illus.

35 halftones. 7 x 10.

ART ■ ASIAN STUDIES

PRINCETON AND THE GOTHIC REVIVAL

1870–1930

JOHANNA G. SEASONWEIN

Princeton and the Gothic Revival investigates America's changing attitudes toward medieval art around the turn of the twentieth century through the lens of Princeton University and its role as a major patron of Gothic Revival art and architecture. Johanna Seasonwein charts a shift from eclecticism to a more unified, “authentic” approach to medieval art, and examines how the language of medieval forms was used to articulate a new model of American higher education in campus design and the classroom.

The catalog for an exhibition at the Princeton University Art Museum, *Princeton and the Gothic Revival* breaks new ground by addressing why universities, and Princeton in particular, were so effective at bringing together what had been disparate interests in the Middle Ages. Revivalists and Medievalists were often at odds, yet at Princeton they used the language of the Middle Ages to create a new identity for the American university, one that was steeped in the traditions of Oxford and Cambridge but also embraced the model of the German research university.

Princeton and the Gothic Revival provides an overview of Princeton's Romanesque and Gothic Revival architecture and examines the changing approach to the idea of the “Gothic” by looking at three Princeton buildings and their stained glass windows: the Marquand Chapel, Procter Hall at the Graduate College, and the University Chapel.

Johanna G. Seasonwein is the Andrew W. Mellon Curatorial Fellow for Academic Programs at the Princeton University Art Museum. An art historian specializing in the Middle Ages, she holds a PhD from Columbia University.

PUBLICATIONS OF
THE PRINCETON UNIVERSITY ART MUSEUM

APRIL

Cloth \$35.00S

978-0-691-15401-5

128 pages. 65 color illus.

2 halftones. 9 x 10.

ART ■ ARCHITECTURE

NOMADS AND NETWORKS

The Ancient Art and Culture of Kazakhstan

EDITED BY

SÖREN STARK, ZAINOLLA SAMASHEV,
KAREN S. RUBINSON &
JENNIFER Y. CHI

The catalog for the groundbreaking exhibition at New York University's Institute for the Study of the Ancient World, *Nomads and Networks* presents an unparalleled overview of the sophisticated ancient nomadic culture of Kazakhstan. Contrary to the perception that Central Asia's nomadic societies were less developed than sedentary ones and randomly roamed over the steppes, this catalog argues that the nomadic peoples of Kazakhstan followed a systematic cycle of movement based on established economic and societal needs, and that pastoralism, or herding of domesticated animals, played an integral role.

Focusing on sixth to first century BC material from the Altai and Tianshan regions, *Nomads and Networks* explores how the reliance on animals is reflected in the material culture, which represented all types of creatures, from the domestic to the mythic. Materials featured for the first time include saddles and saddle covers, and grave goods from the burial mounds in the Berel valley. Other objects, such as gold mortuary ornaments from Shilikty and Kargali, attest to influences from foreign cultures—most notably China and Persia. Contributors include: Alisher Akishev, Nursan Alimbaev, Nikolai Bokovenko, Claudia Chang, Bryan Hanks, Sarynbai Murgabaev, and Abdesh Toleubaev.

Sören Stark is assistant professor of Central Asian Art and Archaeology at the Institute for the Study of the Ancient World at New York University. **Zainolla Samashev** is a senior researcher at the A. Kh. Margulan Institute of Archaeology, Kazakhstan. **Karen S. Rubinson** is a research associate at the Institute for the Study of the Ancient World. **Jennifer Y. Chi** is exhibitions director and chief curator at the Institute for the Study of the Ancient World.

A COPUBLICATION WITH THE INSTITUTE FOR THE STUDY OF
THE ANCIENT WORLD AT NEW YORK UNIVERSITY

APRIL

Cloth \$49.95S

978-0-691-15480-0

240 pages. 140 color illus. 6 x 9.

ARCHAEOLOGY ■ ANCIENT HISTORY

SLAVES TELL TALES

And Other Episodes in the Politics of
Popular Culture in Ancient Greece

SARA FORSDYKE

Most studies of ancient Greek politics focus on formal institutions such as the political assembly and the law courts, and overlook the role that informal social practices played in the regulation of the political order. Sara Forsdyke argues, by contrast, that various forms of popular culture in ancient Greece—including festival revelry, oral storytelling, and popular forms of justice—were a vital medium for political expression and played an important role in the negotiation of relations between elites and masses, as well as masters and slaves, in the Greek city-states. Although these forms of social life are only poorly attested in the sources, Forsdyke suggests that Greek literature reveals traces of popular culture that can be further illuminated by comparison with later historical periods. By looking beyond institutional contexts, moreover, Forsdyke recovers the ways that groups that were excluded from the formal political sphere—especially women and slaves—participated in the process by which society was ordered.

Forsdyke begins each chapter with an apparently marginal incident in Greek history—the worship of a dead slave by masters on Chios, the naming of Sicyon's civic divisions after lowly animals such as pigs and asses, and the riding of an adulteress on a donkey through the streets of Cyme—and shows how these episodes demonstrate the significance of informal social practices and discourses in the regulation and reproduction of the social order. The result is an original, fascinating, and enlightening new perspective on politics and popular culture in ancient Greece.

Sara Forsdyke is associate professor of classical studies at the University of Michigan. She is the author of *Exile, Ostracism, and Democracy: The Politics of Expulsion in Ancient Greece* (Princeton).

JULY

Cloth \$39.50S

978-0-691-14005-6

208 pages. 10 halftones. 1 map. 6 x 9.

CLASSICS ■ ANCIENT HISTORY

A WRITTEN REPUBLIC

Cicero's Philosophical Politics

YELENA BARAZ

In the 40s BCE, during his forced retirement from politics under Caesar's dictatorship, Cicero turned to philosophy, producing a massive and important body of work. As he was acutely aware, this was an unusual undertaking for a Roman statesman because Romans were often hostile to philosophy, perceiving it as foreign and incompatible with fulfilling one's duty as a citizen. How, then, are we to understand Cicero's decision to pursue philosophy in the context of the political, intellectual, and cultural life of the late Roman republic? In *A Written Republic*, Yelena Baraz takes up this question and makes the case that philosophy for Cicero was not a retreat from politics but a continuation of politics by other means, an alternative way of living a political life and serving the state under newly restricted conditions.

Baraz examines the rhetorical battle that Cicero stages in his philosophical prefaces—a battle between the forces that would oppose or support his project. He presents his philosophy as intimately connected to the new political circumstances and his exclusion from politics. His goal—to benefit the state by providing new moral resources for the Roman elite—was traditional, even if his method of translating Greek philosophical knowledge into Latin and combining Greek sources with Roman heritage was unorthodox.

A Written Republic provides a new perspective on Cicero's conception of his philosophical project while also adding to the broader picture of late-Roman political, intellectual, and cultural life.

Yelena Baraz is assistant professor of classics at Princeton University.

MAY

Cloth \$45.00S
978-0-691-15332-2
272 pages. 6 x 9.
CLASSICS

ARCHIVES OF AUTHORITY

Empire, Culture, and the Cold War

ANDREW N. RUBIN

Combining literary, cultural, and political history, and based on extensive archival research, including previously unseen FBI and CIA documents, *Archives of Authority* argues that cultural politics—specifically America's often covert patronage of the arts—played a highly important role in the transfer of imperial authority from Britain to the United States during a critical period after World War II. Andrew Rubin argues that this transfer reshaped the postwar literary space and he shows how, during this time, new and efficient modes of cultural transmission, replication, and travel—such as radio and rapidly and globally circulated journals—completely transformed the position occupied by the postwar writer and the role of world literature.

Rubin demonstrates that the nearly instantaneous translation of texts by George Orwell, Thomas Mann, W. H. Auden, Richard Wright, Mary McCarthy, and Albert Camus, among others, into interrelated journals that were sponsored by organizations such as the CIA's Congress for Cultural Freedom and circulated around the world effectively reshaped writers, critics, and intellectuals into easily recognizable, transnational figures. Their work formed a new canon of world literature that was celebrated in the United States and supposedly represented the best of contemporary thought, while less politically attractive authors were ignored or even demonized. This championing and demonizing of writers occurred in the name of anti-Communism—the new, transatlantic “civilizing mission” through which postwar cultural and literary authority emerged.

Andrew N. Rubin is assistant professor of English at Georgetown University. He is the coeditor of *Adorno: A Critical Reader* and *The Edward Said Reader*.

TRANSLATION/TRANSNATION
Emily Apter, Series Editor

AUGUST

Cloth \$39.50S
978-0-691-15415-2
168 pages. 6 x 9.
LITERATURE ■ HISTORY

HOW TO DO THINGS WITH BOOKS IN VICTORIAN BRITAIN

LEAH PRICE

How to Do Things with Books in Victorian Britain asks how our culture came to frown on using books for any purpose other than reading. When did the coffee-table book become an object of scorn? Why did law courts forbid witnesses to kiss the Bible? What made Victorian cartoonists mock commuters who hid behind the newspaper, ladies who matched their books' binding to their dress, and servants who reduced newspapers to fish 'n' chips wrap?

Shedding new light on novels by Thackeray, Dickens, the Brontës, Trollope, and Collins, as well as the urban sociology of Henry Mayhew, Leah Price also uncovers the lives and afterlives of anonymous religious tracts and household manuals. From knickknacks to wastepaper, books mattered to the Victorians in ways that cannot be explained by their printed content alone. And whether displayed, defaced, exchanged, or discarded, printed matter participated, and still participates, in a range of transactions that stretches far beyond reading.

Supplementing close readings with a sensitive reconstruction of how Victorians thought and felt about books, Price offers a new model for integrating literary theory with cultural history. *How to Do Things with Books in Victorian Britain* reshapes our understanding of the interplay between words and objects in the nineteenth century and beyond.

Leah Price is professor of English at Harvard University. She is the author of *The Anthology and the Rise of the Novel*.

MAY

Cloth \$45.00S

978-0-691-11417-0

328 pages. 18 halftones.

2 line illus. 6 x 9.

LITERATURE

THE RISE AND FALL OF METER

Poetry and English National Culture, 1860–1930

MEREDITH MARTIN

Why do we often teach English poetic meter by the Greek terms iamb and trochee? How is our understanding of English meter influenced by the history of England's sense of itself in the nineteenth century? Not an old-fashioned approach to poetry, but a dynamic, contested, and inherently nontraditional field, "English meter" concerned issues of personal and national identity, class, education, patriotism, militarism, and the development of English literature as a discipline. *The Rise and Fall of Meter* tells the unknown story of English meter from the late eighteenth century until just after World War I. Uncovering a vast and unexplored archive in the history of poetics, Meredith Martin shows that the history of prosody is tied to the ways Victorian England argued about its national identity. Gerard Manley Hopkins, Coventry Patmore, and Robert Bridges used meter to negotiate their relationship to England and the English language; George Saintsbury, Matthew Arnold, and Henry Newbolt worried about the rise of one metrical model among multiple competitors. The pressure to conform to a stable model, however, produced reactionary misunderstandings of English meter and the culture it stood for. This unstable relationship to poetic form influenced the prose and poems of Robert Graves, Siegfried Sassoon, Wilfred Owen, W. B. Yeats, Ezra Pound, and Alice Meynell. A significant intervention in literary history, this book argues that our contemporary understanding of the rise of modernist poetic form was crucially bound to narratives of English national culture.

Meredith Martin is assistant professor of English at Princeton University.

JUNE

Paper \$35.00S

978-0-691-15512-8

Cloth \$75.00S

978-0-691-15273-8

288 pages. 4 halftones. 6 x 9.

LITERATURE

MOTHERS OF CONSERVATISM

Women and the Postwar Right

MICHELLE M. NICKERSON

Mothers of Conservatism tells the story of 1950s southern Californian housewives who shaped the grassroots right in the two decades following World War II. Michelle Nickerson describes how red-hunting homemakers mobilized activist networks, institutions, and political consciousness in local education battles, and she introduces a generation of women who developed political styles and practices around their domestic routines. From the conservative movement's origins in the early fifties through the presidential election of 1964, Nickerson documents how women shaped conservatism from the bottom up, out of the fabric of their daily lives and into the agenda of the Republican Party.

Female activists formed study groups, gave lectures, published newsletters, hosted public events, and opened conservative bookstores, bringing Cold War geopolitics into their local communities. Frightened that communism was infecting the minds of their children through the public education system, these women took it upon themselves to address potential threats. This sense of duty, ironically, removed many of them from the house for numerous hours of the week to perform political work, and their activities contributed to a feminine ideal that Nickerson calls the "populist housewife"—a political model of womanhood that emphasized common sense, lack of pretension, and spirituality.

A unique history of the American conservative movement, *Mothers of Conservatism* shows how housewives got out of the house and discovered their political capital.

Michelle M. Nickerson is assistant professor of history at Loyola University, Chicago. She is coeditor of *Sunbelt Rising: The Politics of Space, Place, and Region*.

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

MAY

Cloth \$35.00S

978-0-691-12184-0

248 pages. 16 halftones. 2 maps. 6 x 9.

AMERICAN HISTORY ■
POLITICAL SCIENCE

JIM AND JAP CROW

A Cultural History of 1940s Interracial America

MATTHEW M. BRIONES

Following Japan's attack on Pearl Harbor in 1941, the U.S. government rounded up more than one hundred thousand Japanese Americans and sent them to internment camps. One of those internees was Charles Kikuchi. In thousands of diary pages, he documented his experiences in the camps, his resettlement in Chicago and drafting into the Army on the eve of Hiroshima and Nagasaki, and his postwar life as a social worker in New York City. Kikuchi's diaries bear witness to a watershed era in American race relations, and expose both the promise and the hypocrisy of American democracy.

Jim and Jap Crow follows Kikuchi's personal odyssey among fellow Japanese American intellectuals, immigrant activists, Chicago School social scientists, everyday people on Chicago's South Side, and psychologically scarred veterans in the hospitals of New York. The book chronicles a remarkable moment in America's history in which interracial alliances challenged the limits of the elusive democratic ideal, and in which the nation was forced to choose between civil liberty and the fearful politics of racial hysteria. It was an era of world war and the atomic bomb, desegregation in the military but Jim and Jap Crow elsewhere in America, and a hopeful progressivism that gave way to Cold War paranoia.

Jim and Jap Crow looks at Kikuchi's life and diaries as a lens through which to observe the possibilities, failures, and key conversations in a dynamic multi-racial America.

Matthew M. Briones is assistant professor of American history and the College at the University of Chicago.

MAY

Cloth \$39.50S

978-0-691-12948-8

288 pages. 3 halftones. 6 x 9.

AMERICAN HISTORY ■
AMERICAN STUDIES

A NEW HISTORY EXPLORING
U.S. IMMIGRATION IN GLOBAL CONTEXT

FOREIGN RELATIONS

American Immigration in Global Perspective

DONNA R. GABACCIA

“No one has done more than Donna Gabaccia to develop a global framework for understanding the history of American immigration. In this book, she brings together her earlier work on international migration with a new interest in American foreign relations. The result is a bold, sweeping, and provocative recasting of America’s encounter with immigrants past and present.”

—Gary Gerstle, author of *American Crucible: Race and Nation in the Twentieth Century*

“Gabaccia offers a way for readers to situate U.S. migration history in an international context and to understand how the American experience is similar to yet different from the experience of other migrant-receiving countries. Putting the history of migration in the context of historical global trends, she gives globalization itself a history. A much-needed book from a preeminent historian.”

—Mae Ngai, author of *The Lucky Ones: One Family and the Extraordinary Invention of Chinese America*

Histories investigating U.S. immigration have often portrayed America as a domestic melting pot, merging together those who arrive on its shores. Yet this is not a truly accurate depiction of the nation’s complex connections to immigration. Offering a brand-new global history, *Foreign Relations* takes a comprehensive look at the links between American immigration and U.S. foreign relations. Donna Gabaccia examines America’s relationship to immigration and its debates through the prism of the nation’s changing foreign policy over the past two centuries, and she highlights how these ever-evolving dynamics have influenced the lives of individuals moving to and from the United States.

With an emphasis on American immigration during the late nineteenth- and early twentieth-century industrial era and the contemporary era of free trade, Gabaccia shows that immigrants were not isolationists who cut ties to their countries of origin or their families. Instead, their relations to America were often in flux and dependent on government policies of the time. She cites a wide range of examples, such as how bilateral commercial treaties of the nineteenth century influenced whether family members might receive passage to America, how families maintained bonds to their countries of origin through the exchange of letters and goods, and how politics on behalf of the mother country could still be fought from across the ocean. Today, U.S. commercial diplomacy in China and NAFTA-era Mexico raises concerns about immigrants once again, and Gabaccia demonstrates that immigration has altered with America’s developing geopolitical position in the world.

An innovative history of U.S. immigration, *Foreign Relations* casts a fresh eye on a compelling and controversial topic.

Donna R. Gabaccia is professor of history and the Rudolph J. Vecoli Chair and Director of the Immigration History Research Center at the University of Minnesota. Her many books include *We Are What We Eat* and *Immigration and American Diversity*.

APRIL

Cloth \$29.95S

978-0-691-13419-2

296 pages. 2 halftones.

1 line illus. 3 tables. 5 1/2 x 8 1/2.

AMERICAN HISTORY ■ WORLD HISTORY

AMERICA IN THE WORLD

Sven Beckert and Jeremi Suri, Series Editors

IRISH NATIONALISTS AND THE MAKING OF THE IRISH RACE

BRUCE NELSON

This is a book about Irish nationalism and how Irish nationalists developed their own conception of the Irish race. Bruce Nelson begins with an exploration of the discourse of race—from the nineteenth-century belief that “race is everything” to the more recent argument that there are no races. He focuses on how English observers constructed the “native” and Catholic Irish as uncivilized and savage, and on the racialization of the Irish in the nineteenth century, especially in Britain and the United States, where Irish immigrants were often portrayed in terms that had been applied mainly to enslaved Africans and their descendants.

Most of the book focuses on how the Irish created their own identity—in the context of slavery and abolition, empire, and revolution. Since the Irish were a dispersed people, this process unfolded not only in Ireland, but in the United States, Britain, Australia, South Africa, and other countries. Many nationalists were determined to repudiate anything that could interfere with the goal of building a united movement aimed at achieving full independence for Ireland. But others, including men and women who are at the heart of this study, believed that the Irish struggle must create a more inclusive sense of Irish nationhood and stand for freedom everywhere. Nelson pays close attention to this argument within Irish nationalism, and to the ways it resonated with nationalists worldwide, from India to the Caribbean.

Bruce Nelson is professor emeritus of history at Dartmouth College. He is the author of *Divided We Stand: American Workers and the Struggle for Black Equality* (Princeton) and *Workers on the Waterfront: Seamen, Longshoremen, and Unionism in the 1930s*.

JUNE

Cloth \$45.00S

978-0-691-15312-4

348 pages. 22 halftones. 6 x 9.

HISTORY

A KING TRAVELS

Festive Traditions in
Late Medieval and Early Modern Spain

TEOFILO F. RUIZ

A King Travels examines the scripting and performance of festivals in Spain between 1327 and 1620, offering an unprecedented look at the different types of festivals that were held in Iberia during this crucial period of European history. Bridging the gap between the medieval and early modern eras, Teofilo Ruiz focuses on the travels and festivities of Philip II, exploring the complex relationship between power and ceremony, and offering a vibrant portrait of Spain’s cultural and political life.

Ruiz covers a range of festival categories: carnival, royal entries, tournaments, calendrical and noncalendrical celebrations, autos de fe, and Corpus Christi processions. He probes the ritual meanings of these events, paying special attention to the use of colors and symbols, and to the power relations articulated through these festive displays. Ruiz argues that the fluid and at times subversive character of medieval festivals gave way to highly formalized and hierarchical events reflecting a broader shift in how power was articulated in late medieval and early modern Spain. Yet Ruiz contends that these festivals, while they sought to buttress authority and instruct different social orders about hierarchies of power, also served as sites of contestation, dialogue, and resistance.

A King Travels sheds new light on Iberian festive traditions and their unique role in the centralizing state in early modern Castile.

Teofilo F. Ruiz is Distinguished Professor of History at the University of California, Los Angeles. His many books include *The Terror of History: On the Uncertainties of Life in Western Civilization* and *From Heaven to Earth: The Reordering of Castilian Society, 1150–1350* (both Princeton).

APRIL

Paper \$45.00S

978-0-691-15358-2

Cloth \$75.00S

978-0-691-15357-5

368 pages. 4 halftones. 2 maps. 6 x 9.

HISTORY

A COMPREHENSIVE HISTORY OF
MANHUNTING IN THE WEST,
FROM ANCIENT TIMES TO THE PRESENT

MANHUNTS

A Philosophical History

GRÉGOIRE CHAMAYOU

Translated by Steven Rendall

“From manhunting for sport in the Occident to the global search for ‘illegal aliens’ in the twenty-first century, this book offers a history of humans’ preying on other human beings. Applying the rubric of hunting to contemporary debates about illegal migrants, Chamayou shows that the supposedly newest hunt refreshes an old motif. A provocative take on a topic of great currency.”

—Jimmy Casas Klausen, University of Wisconsin–Madison

Touching on issues of power, authority, and domination, *Manhunts* takes an in-depth look at the hunting of humans in the West, from ancient Sparta, through the Middle Ages, to the modern practices of chasing undocumented migrants. Incorporating historical events and philosophical reflection, Grégoire Chamayou examines the systematic and organized search for individuals and small groups on the run because they have defied authority, committed crimes, seemed dangerous for simply existing, or been categorized as subhuman or dispensable.

Chamayou begins in ancient Greece, where young Spartans hunted and killed Helots (Sparta’s serfs) as an initiation rite, and where Aristotle and other philosophers helped to justify raids to capture and enslave foreigners by creating the concept of natural slaves. He discusses the hunt for heretics in the Middle Ages; New World natives in the early modern period; vagrants, Jews, criminals, and runaway slaves in other eras; and illegal immigrants today. Exploring evolving ideas about the human and the subhuman, what we owe to enemies and people on the margins of society, and the supposed legitimacy of domination, Chamayou shows that the hunting of humans should not be treated ahistorically, and that manhunting has varied as widely in its justifications and aims as in its practices. He investigates the psychology of manhunting, noting that many people, from bounty hunters to Louis XI, have written about the thrill of hunting when the prey is equally intelligent and cunning.

An unconventional history on an unconventional subject, *Manhunts* is an in-depth consideration of the dynamics of an age-old form of violence.

Grégoire Chamayou is a research scholar in philosophy at the Centre National de la Recherche Scientifique in Paris.

AUGUST

Cloth \$35.00S

978-0-691-15165-6

232 pages. 9 halftones. 5 1/2 x 8 1/2.

HISTORY ■ PHILOSOPHY

PRESS.PRINCETON.EDU

THE FIRST MODERN JEW

Spinoza and the History of an Image

DANIEL B. SCHWARTZ

Pioneering biblical critic, theorist of democracy, and legendary conflator of God and nature, Jewish philosopher Baruch Spinoza (1632–1677) was excommunicated by the Sephardic Jews of Amsterdam in 1656 for his “horrible heresies” and “monstrous deeds.” Yet, over the past three centuries, Spinoza’s rupture with traditional Jewish beliefs and practices has elevated him to a prominent place in genealogies of Jewish modernity. *The First Modern Jew* provides a riveting look at how Spinoza went from being one of Judaism’s most notorious outcasts to one of its most celebrated, if still highly controversial, cultural icons, and a powerful and protean symbol of the first modern secular Jew.

Ranging from Amsterdam to Palestine and back again to Europe, the book chronicles Spinoza’s posthumous odyssey from marginalized heretic to hero, the exemplar of a whole host of Jewish identities, including cosmopolitan, nationalist, reformist, and rejectionist. Daniel Schwartz shows that in fashioning Spinoza into “the first modern Jew,” generations of Jewish intellectuals—German liberals, East European maskilim, secular Zionists, and Yiddishists—have projected their own dilemmas of identity onto him, reshaping the Amsterdam thinker in their own image. The many afterlives of Spinoza are a kind of looking glass into the struggles of Jewish writers over where to draw the boundaries of Jewishness and whether a secular Jewish identity is indeed possible. Cumulatively, these afterlives offer a kaleidoscopic view of modern Jewish culture—and a vivid history of an obsession with Spinoza that continues to this day.

Daniel B. Schwartz is assistant professor of history at George Washington University.

MARCH

Cloth \$39.50S

978-0-691-14291-3

296 pages. 10 halftones. 6 x 9.

HISTORY ■ JEWISH STUDIES

THE EVERLASTING EMPIRE

The Political Culture of Ancient China
and Its Imperial Legacy

YURI PINES

Established in 221 BCE, the Chinese empire lasted for 2,132 years before being replaced by the Republic of China in 1912. During its two millennia, the empire endured internal wars, foreign incursions, alien occupations, and devastating rebellions—yet fundamental institutional, sociopolitical, and cultural features of the empire remained intact. *The Everlasting Empire* traces the roots of the Chinese empire’s exceptional longevity and unparalleled political durability, and shows how lessons from the imperial past are relevant for China today.

Yuri Pines demonstrates that the empire survived and adjusted to a variety of domestic and external challenges through a peculiar combination of rigid ideological premises and their flexible implementation. The empire’s major political actors and neighbors shared its fundamental ideological principles, such as unity under a single monarch—hence, even the empire’s strongest domestic and foreign foes adopted the system of imperial rule. Yet details of this rule were constantly negotiated and adjusted. Pines shows how deep tensions between political actors including the emperor, the literati, local elites, and rebellious commoners actually enabled the empire’s basic institutional framework to remain critically vital and adaptable to ever-changing sociopolitical circumstances. As contemporary China moves toward a new period of prosperity and power in the twenty-first century, Pines argues that the legacy of the empire may become an increasingly important force in shaping the nation’s future trajectory.

Yuri Pines holds the Michael W. Lipson Chair in Chinese Studies at the Hebrew University of Jerusalem and is a visiting professor at Nankai University in Tianjin, China. He is the author of *Foundations of Confucian Thought* and *Envisioning Eternal Empire*.

JUNE

Cloth \$39.50S

978-0-691-13495-6

248 pages. 1 map. 6 x 9.

WORLD HISTORY ■ ASIAN STUDIES

HOW THE RISE OF CHRISTIANITY
PROFOUNDLY INFLUENCED THE DEVELOPMENT
OF JUDAISM IN LATE ANTIQUITY

THE JEWISH JESUS

How Judaism and Christianity Shaped Each Other

PETER SCHÄFER

“Schäfer’s thought-provoking book challenges readers to reimagine the relationship of early Judaism and Christianity and the theological matrices in which they developed. Must reading for students and scholars alike.”

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“This excellent and important book will be seized on eagerly and read with attention. Peter Schäfer makes his argument with great clarity and a formidable command of the sources, building his case from close readings of the texts. The scholarship is impeccable.”

—Philip Alexander, professor emeritus,
University of Manchester

In late antiquity, as Christianity emerged from Judaism, it was not only the new religion that was being influenced by the old. The rise and revolutionary challenge of Christianity also had a profound influence on rabbinic Judaism, which was itself just emerging and, like Christianity, trying to shape its own identity. In *The Jewish Jesus*, Peter Schäfer reveals the crucial ways in which various Jewish heresies, including Christianity, affected the development of rabbinic Judaism. He even shows that some of the ideas that the rabbis appropriated from Christianity were actually reappropriated Jewish ideas. The result is a demonstration of a deep mutual influence between the sister religions, one that calls into question hard and fast distinctions between orthodoxy and heresy, and even Judaism and Christianity, during the first centuries CE.

Peter Schäfer is the Ronald O. Perelman Professor of Jewish Studies and professor of religion at Princeton University, where he directs the Program in Judaic Studies. His books include *The Origins of Jewish Mysticism* and *Jesus in the Talmud* (both Princeton). He received a Distinguished Achievement Award from the Andrew W. Mellon Foundation in 2007.

MARCH

Cloth \$35.00S

978-0-691-15390-2

352 pages. 5 halftones. 1 table. 5 1/2 x 8 1/2.

JEWISH STUDIES ■ RELIGION

PRESS.PRINCETON.EDU

MERE POSSIBILITIES

Metaphysical Foundations of Modal Semantics

ROBERT STALNAKER

It seems reasonable to believe that there might have existed things other than those that in fact exist, or have existed. But how should we understand such claims? Standard semantic theories exploit the Leibnizian metaphor of a set of all possible worlds: a proposition might or must be true if it is true in some or all possible worlds. The actualist, who believes that nothing exists except what actually exists, prefers to talk of possible states of the world, or of ways that a world might be. But even the actualist still faces the problem of explaining what we are talking about when we talk about the domains of other possible worlds. In *Mere Possibilities*, Robert Stalnaker develops a framework for clarifying this problem, and explores a number of actualist strategies for solving it.

Some philosophers have hypothesized a realm of individual essences that stand as proxies for all merely possible beings. Others have argued that we are committed to the necessary existence of everything that does or might exist. In contrast, *Mere Possibilities* shows how we can make sense of ordinary beliefs about what might and must exist without making counterintuitive metaphysical commitments. The book also sheds new light on the nature of metaphysical theorizing by exploring the interaction of semantic and metaphysical issues, the connections between different metaphysical issues, and the nature of ontological commitment.

Robert Stalnaker is the Laurance S. Rockefeller Professor of Philosophy at Massachusetts Institute of Technology. He is the author of *Our Knowledge of the Internal World*, *Ways a World Might Be*, *Context and Content*, and *Inquiry*.

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FEBRUARY

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PHILOSOPHY

WHEN IS TRUE BELIEF KNOWLEDGE?

RICHARD FOLEY

A woman glances at a broken clock and comes to believe it is a quarter past seven. Yet, despite the broken clock, it really does happen to be a quarter past seven. Her belief is true, but it isn't knowledge. This is a classic illustration of a central problem in epistemology: determining what knowledge requires in addition to true belief.

In this provocative book, Richard Foley finds a new solution to the problem in the observation that whenever someone has a true belief but not knowledge, there is some significant aspect of the situation about which she lacks true beliefs—something important that she doesn't quite “get.” This may seem a modest point but, as Foley shows, it has the potential to reorient the theory of knowledge. Whether a true belief counts as knowledge depends on the importance of the information one does or doesn't have. This means that questions of knowledge cannot be separated from questions about human concerns and values. It also means that, contrary to what is often thought, there is no privileged way of coming to know. Knowledge is a mutt. Proper pedigree is not required. What matters is that one doesn't lack important nearby information.

Challenging some of the central assumptions of contemporary epistemology, this is an original and important account of knowledge.

Richard Foley is professor of philosophy and vice chancellor for strategic planning at New York University. He is the author of *Intellectual Trust in Oneself and Others*, *Working Without a Net: A Theory of Egocentric Epistemology*, and *The Theory of Epistemic Rationality*.

PRINCETON MONOGRAPHS IN PHILOSOPHY
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JULY

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PHILOSOPHY

AN IN-DEPTH AND ACCESSIBLE INTRODUCTION
TO THE HOWS AND WHYS OF LOGIC

LOGIC

The Laws of Truth

NICHOLAS J. J. SMITH

“Lots of books aim to provide a first introduction to symbolic logic. I predict that this one will be widely adopted throughout the English-speaking world. One of its unique strengths is that it broaches important philosophical issues that naturally arise in connection with symbolic logic. The book thus serves both as an introduction to logic itself and to the philosophy of logic.”

—Stewart Shapiro, editor of *The Oxford Handbook of Philosophy of Mathematics and Logic*

“Smith’s book combines accessibility with comprehensiveness in a way that I have not found in other texts. It is very readable and well paced, but does not sacrifice precision. Difficult issues aren’t glossed over or skipped, but are introduced at a gentle pace for novice logicians. As a teacher of logic, I see real benefits in Smith’s approach.”

—Jennifer Duke-Yonge, Macquarie University, Australia

Logic is essential to correct reasoning and also has important theoretical applications in philosophy, computer science, linguistics, and mathematics. This book provides an exceptionally clear introduction to classical logic, with a unique approach that emphasizes both the hows and whys of logic. Here Nicholas Smith thoroughly covers the formal tools and techniques of logic while also imparting a deeper understanding of their underlying rationales and broader philosophical significance. In addition, this is the only introduction to logic available today that presents all the major forms of proof—trees, natural deduction in all its major variants, axiomatic proofs, and sequent calculus. The book also features numerous exercises, with solutions available on an accompanying website.

Logic is the ideal textbook for undergraduates and graduate students seeking a comprehensive and accessible introduction to the subject.

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- ◆ The ideal textbook for undergraduates and graduate students

Nicholas J. J. Smith is senior lecturer in philosophy at the University of Sydney in Australia. He is the author of *Vagueness and Degrees of Truth*.

MAY

Cloth \$49.50S

978-0-691-15163-2

576 pages. 80 line illus. 90 tables. 6 x 9.

PHILOSOPHY

PRESS.PRINCETON.EDU

PURSUITS OF WISDOM

Six Ways of Life in Ancient Philosophy
from Socrates to Plotinus

JOHN M. COOPER

This is a major reinterpretation of ancient philosophy that recovers the long Greek and Roman tradition of philosophy as a complete way of life—and not simply an intellectual discipline. Distinguished philosopher John Cooper traces how, for many ancient thinkers, philosophy was not just to be studied or even used to solve particular practical problems. Rather, philosophy—not just ethics but even logic and physical theory—was literally to be lived. Yet there was great disagreement about how to live philosophically: philosophy was not one but many, mutually opposed, ways of life. Examining this tradition from its establishment by Socrates in the fifth century BCE through Plotinus in the third century CE and the eclipse of pagan philosophy by Christianity, *Pursuits of Wisdom* examines six central philosophies of living—Socratic, Aristotelian, Stoic, Epicurean, Skeptic, and the Platonist life of late antiquity.

The book describes the shared assumptions that allowed these thinkers to conceive of their philosophies as ways of life, as well as the distinctive ideas that led them to widely different conclusions about the best human life. Clearing up many common misperceptions and simplifications, Cooper explains in detail the Socratic devotion to philosophical discussion about human nature, human life, and human good; the Aristotelian focus on the true place of humans within the total system of the natural world; the Stoic commitment to dutifully accepting Zeus's plans; the Epicurean pursuit of pleasure through tranquil activities that exercise perception, thought, and feeling; the Skeptical eschewal of all critical reasoning in forming their beliefs; and, finally, the late Platonist emphasis on spiritual concerns and the eternal realm of Being.

Pursuits of Wisdom is essential reading for anyone interested in understanding what the great philosophers of antiquity thought was the true purpose of philosophy—and of life.

John M. Cooper is the Henry Putnam University Professor of Philosophy at Princeton University. He is the general editor of the authoritative English-language edition of Plato's complete writings, and the author of *Reason and Emotion* and *Knowledge, Nature, and the Good* (both Princeton), among other books.

A MAJOR NEW ACCOUNT OF
THE DIFFERENT WAYS ANCIENT PHILOSOPHERS
THOUGHT WE SHOULD LIVE OUR LIVES

"This book not only discusses philosophy as a way of life, but manifests many of the virtues such a life might be hoped to embody. There is scarcely an instance in which Cooper's sureness of grasp, vivacity of expression, or clarity of purpose falters. The book invites a wide readership, and should receive it."

—C.D.C. Reeve, University of North Carolina, Chapel Hill

JUNE

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456 pages. 6 x 9.

PHILOSOPHY ■ CLASSICS

PRESS.PRINCETON.EDU

PHILOSOPHICAL FOUNDATIONS
OF THE PHYSICS OF SPACE-TIME

PHILOSOPHY OF PHYSICS

Space and Time

TIM MAUDLIN

“Exceptionally clear and comprehensive, this engrossing volume will be extremely useful to students. Most introductions to space-time and relativity are written by physicists, but readers interested in a careful examination of the philosophical foundations of the subject are much better served by starting here. I had fun reading this book.”

—Sean Carroll, author of *From Eternity to Here: The Quest for the Ultimate Theory of Time*

“Maudlin adroitly guides readers through the mathematical, physical, and philosophical subtleties of Newtonian physics and special and general relativity. The book is filled with lucid and original observations, and succeeds in presenting material that was previously only accessible to those who could stomach significant amounts of differential geometry. A major contribution.”

—David Wallace, University of Oxford

This concise book introduces nonphysicists to the core philosophical issues surrounding the nature and structure of space and time, and is also an ideal resource for physicists interested in the conceptual foundations of space-time theory.

Tim Maudlin’s broad historical overview examines Aristotelian and Newtonian accounts of space and time, and traces how Galileo’s conceptions of relativity and space-time led to Einstein’s special and general theories of relativity. Maudlin explains special relativity using a geometrical approach, emphasizing intrinsic space-time structure rather than coordinate systems or reference frames. He gives readers enough detail about special relativity to solve concrete physical problems while presenting general relativity in a more qualitative way, with an informative discussion of the geometrization of gravity, the bending of light, and black holes. Additional topics include the Twins Paradox, the physical aspects of the Lorentz-FitzGerald contraction, the constancy of the speed of light, time travel, the direction of time, and more.

- ◆ Introduces nonphysicists to the philosophical foundations of space-time theory
- ◆ Provides a broad historical overview, from Aristotle to Einstein
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- ◆ Covers the Twins Paradox, Galilean relativity, time travel, and more
- ◆ Requires only basic algebra and no formal knowledge of physics

Tim Maudlin is professor of philosophy at New York University. His books include *The Metaphysics within Physics* and *Quantum Non-Locality and Relativity*.

PRINCETON FOUNDATIONS OF CONTEMPORARY PHILOSOPHY
Scott Soames, Series Editor

AUGUST

Cloth \$29.95S

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224 pages. 32 line illus. 5 1/2 x 8 1/2.

PHILOSOPHY

PRESS.PRINCETON.EDU

TRUST AND VIOLENCE

An Essay on a Modern Relationship

JAN PHILIPP REEMTSMA

A PHILOSOPHICAL INVESTIGATION
INTO THE CONNECTIONS
BETWEEN TRUST AND VIOLENCE

The limiting of violence through state powers is one of the central projects of the modern age. Why then have recent centuries been so bloody? In *Trust and Violence*, acclaimed German intellectual and public figure Jan Philipp Reemtsma demonstrates that the aim of decreasing and deterring violence has gone hand in hand with the misleading idea that violence is abnormal and beyond comprehension. We would be far better off, Reemtsma argues, if we acknowledged the disturbing fact that violence is normal. At the same time, Reemtsma contends that violence cannot be fully understood without delving into the concept of trust. Not in violence, but trust, rests the foundation of true power.

Reemtsma makes his case with a wide-ranging history of ideas about violence, from ancient philosophy through Shakespeare and Schiller to Michel Foucault, and by considering specific cases of extreme violence from medieval torture to the Holocaust and beyond. In the midst of this gloomy account of human tendencies, Reemtsma shrewdly observes that even dictators have to sleep at night and cannot rely on violence alone to ensure their safety. These authoritarian leaders must trust others while, by means other than violence, they must convince others to trust them. The history of violence is therefore a history of the peculiar relationship between violence and trust, and a recognition of trust's crucial place in humanity.

A broad and insightful book that touches on philosophy, sociology, and political theory, *Trust and Violence* sheds new, and at times disquieting, light on two integral aspects of our society.

Jan Philipp Reemtsma is professor of modern German literature at the University of Hamburg and founder and director of the Hamburg Institute of Social Research. Of his many books on literature, history, politics, philosophy, and contemporary society, two have been published in English—*More Than a Champion: The Style of Muhammad Ali* (Vintage) and *In the Cellar* (Knopf).

“This is the most exciting work of philosophy that I have read in years. It is brilliant, deep, and destined to be a classic. Bringing together fifteen years of work on violence, modernity, good, and evil, this book should change the way we think about all these concepts.”

—Susan Neiman, *Einstein Forum*

MAY

Cloth \$49.50S

978-0-691-14296-8

416 pages. 6 x 9.

PHILOSOPHY ■ HISTORY

PRESS.PRINCETON.EDU

ON SACRIFICE

MOSHE HALBERTAL

The idea and practice of sacrifice play a profound role in religion, ethics, and politics. In this brief book, philosopher Moshe Halbertal explores the meaning and implications of sacrifice, developing a theory of sacrifice as an offering and examining the relationship between sacrifice, ritual, violence, and love. *On Sacrifice* also looks at the place of self-sacrifice within ethical life and at the complex role of sacrifice as both a noble and destructive political ideal.

In the religious domain, Halbertal argues, sacrifice is an offering, a gift given in the context of a hierarchical relationship. As such it is vulnerable to rejection, a trauma at the root of both ritual and violence. An offering is also an ambiguous gesture torn between a genuine expression of gratitude and love and an instrument of exchange, a tension that haunts the practice of sacrifice.

In the moral and political domains, sacrifice is tied to the idea of self-transcendence, in which an individual sacrifices his or her self-interest for the sake of higher values and commitments. While self-sacrifice has great potential moral value, it can also be used to justify the most brutal acts. In his exploration of the positive and negative dimensions of self-sacrifice, Halbertal also addresses the role of past sacrifice in obligating future generations and in creating a bond for political associations, and considers the function of the modern state as a sacrificial community.

Moshe Halbertal is the Gruss Professor of Law at New York University School of Law and professor of Jewish thought and philosophy at the Hebrew University of Jerusalem.

MARCH

Cloth \$24.955

978-0-691-15285-1

152 pages. 5 1/2 x 8 1/2.

PHILOSOPHY ■

POLITICAL PHILOSOPHY ■

JEWISH STUDIES

CATHOLICISM AND
DEMOCRACY

An Essay in the History of Political Thought

EMILE PERREAU-SAUSSINE

Translated by Richard Rex

Catholicism and Democracy is a history of Catholic political thinking from the French Revolution to the present day. Emile Perreau-Saussine investigates the Church's response to liberal democracy, a political system for which the Church was utterly unprepared.

Looking at leading philosophers and political theologians—among them Joseph de Maistre, Alexis de Tocqueville, and Charles Péguy—Perreau-Saussine shows how the Church redefined its relationship to the State in the long wake of the French Revolution. Disenfranchised by the fall of the monarchy, the Church in France at first embraced that most conservative of ideologies, “ultramontanism” (an emphasis on the central role of the papacy). Catholics whose church had lost its national status henceforth looked to the papacy for spiritual authority. Perreau-Saussine argues that this move paradoxically combined a fundamental repudiation of the liberal political order with an implicit acknowledgment of one of its core principles, the autonomy of the Church from the State. However, as Perreau-Saussine shows, in the context of twentieth-century totalitarianism, the Catholic Church retrieved elements of its Gallican heritage and came to embrace another liberal (and Gallican) principle, the autonomy of the State from the Church, for the sake of its corollary, freedom of religion. Perreau-Saussine concludes that Catholics came to terms with liberal democracy, though not without abiding concerns about the potential of that system to compromise freedom of religion in the pursuit of other goals.

Emile Perreau-Saussine (1972–2010) was a lecturer in the Department of Politics and International Studies at the University of Cambridge. He was the author of *Alasdair MacIntyre*.

MAY

Cloth \$45.005

978-0-691-15394-0

200 pages. 6 x 9.

POLITICAL THEORY ■ RELIGION

WHEN THE STATE SPEAKS, WHAT SHOULD IT SAY?

How Democracies Can Protect Expression
and Promote Equality

COREY BRETTSCHEIDER

How should a liberal democracy respond to hate groups and others that oppose the ideal of free and equal citizenship? The democratic state faces the hard choice of either protecting the rights of hate groups and allowing their views to spread, or banning their views and violating citizens' rights to freedoms of expression, association, and religion. Avoiding the familiar yet problematic responses to these issues, political theorist Corey Brettschneider proposes a new approach called value democracy. The theory of value democracy argues that the state should protect the right to express illiberal beliefs, but the state should also engage in democratic persuasion when it speaks through its various expressive capacities: publicly criticizing, and giving reasons to reject, hate-based or other discriminatory viewpoints.

Distinguishing between two kinds of state action—expressive and coercive—Brettschneider contends that public criticism of viewpoints advocating discrimination based on race, gender, or sexual orientation should be pursued through the state's expressive capacities as speaker, educator, and spender. When the state uses its expressive capacities to promote the values of free and equal citizenship, it engages in democratic persuasion. By using democratic persuasion, the state can both respect rights and counter hateful or discriminatory viewpoints. Brettschneider extends this analysis from freedom of expression to the freedoms of religion and association, and he shows that value democracy can uphold the protection of these freedoms while promoting equality for all citizens.

Corey Brettschneider is associate professor of political science and associate professor, by courtesy, of philosophy at Brown University. He is the author of *Democratic Rights: The Substance of Self-Government* (Princeton).

JUNE

Cloth \$35.00S
978-0-691-14762-8
232 pages. 6 x 9.
POLITICAL THEORY

IN OUR NAME

The Ethics of Democracy

ERIC BEERBOHM

When a government in a democracy acts in our name, are we, as citizens, responsible for those acts? What if the government commits a moral crime? The protestor's slogan—"Not in our name!"—testifies to the need to separate ourselves from the wrongs of our leaders. Yet the idea that individual citizens might bear a special responsibility for political wrongdoing is deeply puzzling for ordinary morality and leading theories of democracy. *In Our Name* explains how citizens may be morally exposed to the failures of their representatives and state institutions, and how complicity is the professional hazard of democratic citizenship. Confronting the ethical challenges that citizens are faced with in a self-governing democracy, Eric Beerbohm proposes institutional remedies for dealing with them.

Beerbohm questions prevailing theories of democracy's failure to account for our dual position as both citizens and subjects. Showing that the obligation to participate in the democratic process is even greater when we risk serving as accomplices to wrongdoing, Beerbohm argues for a distinctive division of labor between citizens and their representatives that charges lawmakers with the responsibility of incorporating their constituents' moral principles into their reasoning about policy. Grappling with the practical issues of democratic decision making, *In Our Name* engages with political science, law, and psychology to envision mechanisms for citizens seeking to avoid democratic complicity.

Eric Beerbohm is assistant professor of government and social studies and director of graduate fellowships for the Safra Center for Ethics at Harvard University.

JULY

Cloth \$45.00S
978-0-691-15461-9
304 pages. 1 table. 6 x 9.
POLITICAL THEORY

A PROVOCATIVE NEW VISION OF
FREE MARKET CAPITALISM THAT ACHIEVES
LIBERAL ENDS BY LIBERTARIAN MEANS

FREE MARKET FAIRNESS

JOHN TOMASI

“This is one of the very best philosophical treatments of libertarian thought, ever. John Tomasi cements his position as one of America’s leading social and political philosophers.”

—Tyler Cowen, author of *Creative Destruction*

“This is a terrific book—lively, stimulating, novel, and important. Written with clarity and lightness, it is appealingly wide-ranging, spanning political philosophy, intellectual history, and more. It will be widely read and cited.”

—Jacob T. Levy, McGill University

Can libertarians care about social justice? In *Free Market Fairness*, John Tomasi argues that they can and should. Drawing simultaneously on moral insights from defenders of economic liberty such as F. A. Hayek and advocates of social justice such as John Rawls, Tomasi presents a new theory of liberal justice. This theory, free market fairness, is committed to both limited government and the material betterment of the poor.

Unlike traditional libertarians, Tomasi argues that property rights are best defended not in terms of self-ownership or economic efficiency but as requirements of democratic legitimacy. At the same time, he encourages egalitarians concerned about social justice to listen more sympathetically to the claims ordinary citizens make about the importance of private economic liberty in their daily lives. In place of the familiar social democratic interpretations of social justice, Tomasi offers a “market democratic” conception of social justice: free market fairness. Tomasi argues that free market fairness, with its twin commitment to economic liberty and a fair distribution of goods and opportunities, is a morally superior account of liberal justice. Free market fairness is also a distinctively American ideal. It extends the notion, prominent in America’s founding period, that protection of property and promotion of real opportunity are indivisible goals. Indeed, according to Tomasi, free market fairness is social justice, American style.

Provocative and vigorously argued, *Free Market Fairness* offers a bold new way of thinking about politics, economics, and justice—one that will challenge readers on both the left and right.

John Tomasi is professor of political science and, by courtesy, of philosophy at Brown University. The founding director of Brown’s Political Theory Project, Tomasi is also a research associate at the Freedom Center at the University of Arizona. He is the author of *Liberalism Beyond Justice* (Princeton).

MARCH

Cloth \$35.00S

978-0-691-14446-7

368 pages. 3 tables. 6 x 9.

POLITICAL THEORY ■ PHILOSOPHY

PRESS.PRINCETON.EDU

ROUSSEAU, THE AGE OF ENLIGHTENMENT, AND THEIR LEGACIES

ROBERT WOKLER

Edited by Bryan Garsten, and
with an introduction by Christopher Brooke

Robert Wokler was one of the world's leading experts on Rousseau and the Enlightenment, but some of his best work was published in the form of widely scattered and difficult-to-find essays. This book collects for the first time a representative selection of his most important essays on Rousseau and the legacy of Enlightenment political thought. These essays concern many of the great themes of the age, including liberty, equality, and the origins of revolution. But they also address a number of less prominent debates, including those over cosmopolitanism, the nature and social role of music, and the origins of the human sciences in the Enlightenment controversy over the relationship between humans and the great apes. These essays also explore Rousseau's relationships to Rameau, Pufendorf, Voltaire, and Marx; reflect on the work of important earlier scholars of the Enlightenment, including Ernst Cassirer and Isaiah Berlin; and examine the influence of the Enlightenment on the twentieth century. One of the central themes of the book is a defense of the Enlightenment against the common charge that it bears responsibility for the Terror of the French Revolution, the totalitarian regimes of the twentieth century, and the Holocaust.

Robert Wokler (1942–2006) was at the time of his death Senior Lecturer in Political Science and in the Directed Studies program at Yale University. He was formerly Reader in the History of Political Thought at the University of Manchester. He was the author of *Rousseau on Society, Politics, Music and Language* and *Rousseau: A Very Short Introduction*. He was also the editor or coeditor of many books, including *The Cambridge History of Eighteenth-Century Political Thought*, *Diderot: Political Writings, The Enlightenment and Modernity*, and *Inventing Human Science*.

MAY

Paper \$45.00S

978-0-691-14789-5

Cloth \$85.00S

978-0-691-14788-8

400 pages. 6 line illus. 6 x 9.

POLITICAL THEORY ■ PHILOSOPHY

PHILOSOPHIC PRIDE

Stoicism and Political Thought
from Lipsius to Rousseau

CHRISTOPHER BROOKE

Philosophic Pride is the first full-scale look at the essential place of Stoicism in the foundations of modern political thought. Spanning the period from Justus Lipsius's *Politics* in 1589 to Jean-Jacques Rousseau's *Emile* in 1762, and concentrating on arguments originating from England, France, and the Netherlands, the book considers how political writers of the period engaged with the ideas of the Roman and Greek Stoics that they found in works by Cicero, Seneca, Epictetus, and Marcus Aurelius. Christopher Brooke examines key texts in their historical context, paying special attention to the history of classical scholarship and the historiography of philosophy.

Brooke delves into the persisting tension between Stoicism and the tradition of Augustinian anti-Stoic criticism, which held Stoicism to be a philosophy for the proud who denied their fallen condition. Concentrating on arguments in moral psychology surrounding the foundations of human sociability and self-love, *Philosophic Pride* details how the engagement with Roman Stoicism shaped early modern political philosophy and offers significant new interpretations of Lipsius and Rousseau together with fresh perspectives on the political thought of Hugo Grotius and Thomas Hobbes.

Philosophic Pride shows how the legacy of the Stoics played a vital role in European intellectual life in the early modern era.

Christopher Brooke is lecturer in political theory and the history of political thought in the Department of Politics and International Studies at the University of Cambridge, where he is a fellow of King's College.

MAY

Cloth \$45.00S

978-0-691-15208-0

296 pages. 6 x 9.

POLITICAL THEORY ■ PHILOSOPHY

A VIRTUE FOR COURAGEOUS MINDS

Moderation in French Political Thought, 1748–1830

AURELIAN CRAIUTU

Political moderation is the touchstone of democracy, which could not function without compromise and bargaining, yet it is one of the most understudied concepts in political theory. How can we explain this striking paradox? Why do we often underestimate the virtue of moderation? Seeking to answer these questions, *A Virtue for Courageous Minds* examines moderation in modern French political thought and sheds light on the French Revolution and its legacy.

Aurelian Craiutu begins with classical thinkers who extolled the virtues of a moderate approach to politics, such as Aristotle and Cicero. He then shows how Montesquieu inaugurated the modern rebirth of this tradition by laying the intellectual foundations for moderate government. Craiutu looks at important figures such as Jacques Necker, Madame de Staël, and Benjamin Constant, not only in the context of revolutionary France but throughout Europe. He traces how moderation evolves from an individual moral virtue into a set of institutional arrangements calculated to protect individual liberty, and he explores the deep affinity between political moderation and constitutional complexity. Craiutu demonstrates how moderation navigates between political extremes, and he challenges the common notion that moderation is an essentially conservative virtue, stressing instead its eclectic nature.

Drawing on a broad range of writings in political theory, the history of political thought, philosophy, and law, *A Virtue for Courageous Minds* reveals how the virtue of political moderation can address the profound complexities of the world today.

Aurelian Craiutu is associate professor of political science at Indiana University, Bloomington. His books include *Liberalism under Siege: The Political Thought of the French Doctrinaires* and (with Jeremy Jennings) *Tocqueville on America after 1840: Letters and Other Writings*.

MARCH

Cloth \$49.50S

978-0-691-14676-8

336 pages. 6 x 9.

POLITICAL THEORY ■
INTELLECTUAL HISTORY

TALK AT THE BRINK

Deliberation and Decision during
the Cuban Missile Crisis

DAVID R. GIBSON

In October 1962, the fate of the world hung on the American response to the discovery of Soviet nuclear missile sites in Cuba. That response was informed by hours of discussions between John F. Kennedy and his top advisers. What those advisers did not know was that President Kennedy was secretly taping their talks, providing future scholars with a rare inside look at high-level political deliberation in a moment of crisis. *Talk at the Brink* is the first book to examine these historic audio recordings from a sociological perspective. It reveals how conversational practices and dynamics shaped Kennedy's perception of the options available to him, thereby influencing his decisions and ultimately the outcome of the crisis.

David Gibson looks not just at the positions taken by Kennedy and his advisers but how those positions were articulated, challenged, revised, and sometimes ignored. He argues that Kennedy's decisions arose from the intersection of distant events unfolding in Cuba, Moscow, and the high seas with the immediate conversational minutia of turn-taking, storytelling, argument, and justification. In particular, Gibson shows how Kennedy's group told and retold particular stories again and again, sometimes settling upon a course of action only after the most frightening consequences were omitted or actively suppressed.

Talk at the Brink presents an image of Kennedy's response to the Cuban missile crisis that is sharply at odds with previous scholarship, and has important implications for our understanding of decision making, deliberation, social interaction, and historical contingency.

David R. Gibson is assistant professor of sociology at the University of Pennsylvania.

AUGUST

Cloth \$35.00S

978-0-691-15131-1

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

SOCIOLOGY ■ POLITICAL SCIENCE ■
HISTORY

CLIMBING THE CHARTS

GABRIEL ROSSMAN

Despite the growth of digital media, traditional FM radio airplay still remains the essential way for musicians to achieve commercial success. *Climbing the Charts* examines how songs rise, or fail to rise, up the radio airplay charts. Looking at the relationships between record labels, tastemakers, and the public, Gabriel Rossman develops a clear picture of the roles of key players and the gatekeeping mechanisms in the commercial music industry. Along the way, he explores its massive inequalities, debunks many popular misconceptions about radio stations' abilities to dictate hits, and shows how a song diffuses throughout the nation to become a massive success.

Contrary to the common belief that Clear Channel sees every sparrow that falls, Rossman demonstrates that corporate radio chains neither micromanage the routine decision of when to start playing a new single nor make top-down decisions to blacklist such politically inconvenient artists as the Dixie Chicks. Neither do stations imitate either ordinary peers or the so-called kingmaker radio stations who are wrongly believed to be able to make or break a single. Instead, Rossman shows that hits spread rapidly across radio because they clearly conform to an identifiable style or genre. Radio stations respond to these songs, and major labels put their money behind them through extensive marketing and promotion efforts, including the illegal yet time-honored practice of payoffs known within the industry as payola.

Climbing the Charts provides a fresh take on the music industry and a model for understanding the diffusion of innovation.

Gabriel Rossman is assistant professor of sociology at the University of California, Los Angeles.

HOW SONGS ACHIEVE
COMMERCIAL SUCCESS ON THE RADIO

"Pop radio has been written about in hundreds of books, mainly by musicologists or radio/music executives in their memoirs. *Climbing the Charts* adds a much-needed social scientific perspective on how the industry operates. Effectively disputing many pieces of conventional wisdom about the business, this fascinating and important book makes a substantial contribution to the work on innovation and diffusion, and the production of culture."

—Jennifer C. Lena, author of *Banding Together*

AUGUST

Cloth \$35.00S

978-0-691-14873-1

248 pages. 2 halftones.

26 line illus. 1 table. 6 x 9.

SOCIOLOGY ■ MUSIC

PRESS.PRINCETON.EDU

A COMPREHENSIVE TEXTBOOK ON THE TOOLS
OF MATHEMATICAL SOCIOLOGY
AND THEIR APPLICATIONS

INTRODUCTION TO MATHEMATICAL SOCIOLOGY

PHILLIP BONACICH & PHILIP LU

“This book provides a concise and up-to-date introduction to mathematical sociology and social network analysis. It presents a solid platform for engaging undergraduates in mathematical approaches to sociological inquiry, and includes Mathematica modules with which students can explore the properties and implications of a variety of formal models. I plan on using it in my courses on social networks.”

—Noah E. Friedkin, coauthor of *Social Influence Network Theory*

“A first-rate introduction. The coverage is exemplary, starting with basic math techniques and progressing to models that incorporate a number of these techniques. Chapters on evolutionary game theory, cooperative games, and chaos are significantly innovative, as is the incorporation of simulations. This book brings mathematics to life for students who may entertain doubts about the role of math in sociology.”

—Peter Abell, professor emeritus, London School of Economics and Political Science

Mathematical models and computer simulations of complex social systems have become everyday tools in sociology. Yet until now, students had no up-to-date textbook from which to learn these techniques. *Introduction to Mathematical Sociology* fills this gap, providing undergraduates with a comprehensive, self-contained primer on the mathematical tools and applications that sociologists use to understand social behavior.

Phillip Bonacich and Philip Lu cover all the essential mathematics, including linear algebra, graph theory, set theory, game theory, and probability. They show how to apply these mathematical tools to demography; patterns of power, influence, and friendship in social networks; Markov chains; the evolution and stability of cooperation in human groups; chaotic and complex systems—and more.

Introduction to Mathematical Sociology also features numerous exercises throughout, and is accompanied by easy-to-use Mathematica-based computer simulations that students can use to examine the effects of changing parameters on model behavior.

- ◆ Provides an up-to-date and self-contained introduction to mathematical sociology
- ◆ Explains essential mathematical tools and their applications
- ◆ Includes numerous exercises throughout
- ◆ Features easy-to-use computer simulations to help students master concepts

Phillip Bonacich is professor emeritus of sociology at the University of California, Los Angeles. **Philip Lu** is a PhD candidate in sociology at UCLA.

APRIL

Cloth \$55.00S

978-0-691-14549-5

224 pages. 25 halftones.

58 line illus. 30 tables. 7 x 10.

SOCIOLOGY ■ MATHEMATICS

PRESS.PRINCETON.EDU

LECTURE NOTES IN MICROECONOMIC THEORY

The Economic Agent
Second Edition

ARIEL RUBINSTEIN

This book presents Ariel Rubinstein's lecture notes for the first part of his well-known graduate course in microeconomics. Developed during the fifteen years that Rubinstein taught the course at Tel Aviv University, Princeton University, and New York University, these notes provide a critical assessment of models of rational economic agents, and are an invaluable supplement to any primary textbook in microeconomic theory.

In this fully revised and expanded second edition, Rubinstein retains the striking originality and deep simplicity that characterize his famously engaging style of teaching. He presents these lecture notes with a precision that gets to the core of the material, and he places special emphasis on the interpretation of key concepts. Rubinstein brings this concise book thoroughly up to date, covering topics like modern choice theory and including dozens of original new problems.

Written by one of the world's most respected and provocative economic theorists, this second edition of *Lecture Notes in Microeconomic Theory* is essential reading for students, teachers, and research economists.

- ◆ Fully revised, expanded, and updated
- ◆ Retains the engaging style and method of Rubinstein's well-known lectures
- ◆ Covers topics like modern choice theory
- ◆ Features numerous original new problems— including 21 new review problems
- ◆ Solutions manual (available only to teachers)

Ariel Rubinstein is professor of economics at Tel Aviv University and New York University. He is the author of *Economics and Language* and *Modeling Bounded Rationality* and the coauthor of *A Course in Game Theory* and *Bargaining and Markets*.

ARIEL RUBINSTEIN'S WELL-KNOWN
LECTURE NOTES ON MICROECONOMICS—
NOW FULLY REVISED AND EXPANDED

Praise for the first edition:

"Ariel Rubinstein is one of the most original and provocative theorists of his generation. These notes, coming from his teaching of graduate microeconomics, exhibit his originality and clarity of thought. Students interested in mastering the foundations of microeconomics will benefit from studying these notes in conjunction with one of the more standard texts."

—David M. Kreps, author of *A Course in Microeconomic Theory*

"This book will be a valuable addition to the small collection of high-level texts in microeconomics. It is distinguished by Rubinstein's characteristic skill in choice of topics and exposition, and by his unique perspective on economic theory and game theory. At the same time, it will be accessible to a wide range of students."

—Vincent Crawford, University of California, San Diego

MARCH

Paper \$35.00S

978-0-691-15413-8

192 pages. 21 line illus. 3 tables. 6 x 9.

ECONOMICS

PRESS.PRINCETON.EDU

THE DEFINITIVE GRADUATE TEXTBOOK
ON MODERN MACROECONOMICS

MACROECONOMIC THEORY

A Dynamic General Equilibrium Approach

Second Edition

MICHAEL WICKENS

Praise for the first edition:

“Wickens’s text provides a tremendous introduction to modern macroeconomics. The coverage of material is thorough. The writing is clear and lively. The mathematics is sufficiently detailed without being overly technical, and the mathematical appendix helps keep the text largely self-contained. Intuition behind key results is provided beautifully throughout. Having worked through the text, students will be well-equipped for a journey toward the macroeconomics frontier.”

—David N. DeJong, University of Pittsburgh

“This is an innovative graduate textbook that develops much of modern macroeconomics in the framework of stochastic general equilibrium models. The book is especially good for its integration of macro and finance.”

—Christopher Pissarides, London School of Economics and Political Science

Macroeconomic Theory is the most up-to-date graduate-level macroeconomics textbook available today. This revised second edition emphasizes the general equilibrium character of macroeconomics to explain effects across the whole economy while taking into account recent research in the field. It is the perfect resource for economists who need to brush up on the latest developments.

Michael Wickens lays out the core ideas of modern macroeconomics and its links with finance. He presents the simplest general equilibrium macroeconomic model for a closed economy, and then gradually develops a comprehensive model of the open economy. Every important topic is covered, including growth, business cycles, fiscal policy, taxation and debt finance, current account sustainability, and exchange-rate determination. There is also an up-to-date account of monetary policy through inflation targeting. Wickens addresses the interrelationships between macroeconomics and modern finance and shows how they affect stock, bond, and foreign-exchange markets. In this edition, he also examines issues raised by the most recent financial crisis and two new chapters explore banks, financial intermediation, and unconventional monetary policy, as well as modern theories of unemployment. There is new material in most other chapters, including macrofinance models and inflation targeting when there are supply shocks. While the mathematics in the book is rigorous, the fundamental concepts presented make the text self-contained and easy to use. Accessible, comprehensive, and wide-ranging, *Macroeconomic Theory* is the standard book on the subject for students and economists.

- ◆ The most up-to-date graduate macroeconomics textbook available today
- ◆ General equilibrium macroeconomics and the latest advances covered fully and completely
- ◆ Two new chapters investigate banking and monetary policy, and unemployment

APRIL

Cloth \$85.00X

978-0-691-15286-8

608 pages. 12 line illus. 85 tables. 7 x 10.

ECONOMICS

Michael Wickens is professor of economics at the University of York and at Cardiff Business School. He is the coeditor of *Handbook of Applied Econometrics* and was managing editor of the *Economic Journal* from 1996 to 2004. He is specialist adviser to the House of Lords on macroeconomics and a member of the Shadow Monetary Policy Committee.

THE CHOSEN FEW

How Education Shaped Jewish History, 70–1492

HOW THE JEWISH PEOPLE WENT
FROM FARMERS TO MERCHANTS

MARISTELLA BOTTICINI
& ZVI ECKSTEIN

In 70 CE, the Jews were an agrarian and illiterate people living mostly in the Land of Israel and Mesopotamia. By 1492 the Jewish people had become a small group of literate urbanites specializing in crafts, trade, moneylending, and medicine in hundreds of places across the Old World, from Seville to Mangalore. What caused this radical change? *The Chosen Few* presents a new answer to this question by applying the lens of economic analysis to the key facts of fifteen formative centuries of Jewish history.

Maristella Botticini and Zvi Eckstein show that, contrary to previous explanations, this transformation was driven not by anti-Jewish persecution and legal restrictions, but rather by changes within Judaism itself after 70 CE—most importantly, the rise of a new norm that required every Jewish male to read and study the Torah and to send his sons to school. Over the next six centuries, those Jews who found the norms of Judaism too costly to obey converted to other religions, making world Jewry shrink. Later, when urbanization and commercial expansion in the newly established Muslim Caliphates increased the demand for occupations in which literacy was an advantage, the Jews found themselves literate in a world of almost universal illiteracy. From then forward, almost all Jews entered crafts and trade, and many of them began moving in search of business opportunities, creating a worldwide Diaspora in the process.

The Chosen Few offers a powerful new explanation of one of the most significant transformations in Jewish history while also providing fresh insights to the growing debate about the social and economic impact of religion.

Maristella Botticini is professor of economics, as well as director and fellow of the Innocenzo Gasparini Institute for Economic Research (IGIER), at Bocconi University in Milan. **Zvi Eckstein** is the Mario Henrique Simonson Chair in Labor Economics at Tel Aviv University and professor and dean of the School of Economics at IDC Herzliya in Herzliya, Israel.

“Maristella Botticini and Zvi Eckstein have written a remarkably interesting book with a new hypothesis about the occupational structure of the Jews. The authors adduce serious evidence for their hypothesis, which lays stress on the requirement introduced nearly 2,000 years ago for universal male literacy among the Jews—the institution of the bar mitzvah. This is a fascinating and persuasive combination of history and economics, worth reading by all, even the unhappy few who like neither history nor economics.”

—Stanley Fischer, governor of the Bank of Israel

“This is a mature, original, and significant new attempt to answer one of the most vexing problems in Jewish and economic history. For the general reader it provides an incisive view of the salient facts of Jewish economic history. For the economic historian it opens up a challenging new thesis. And for historians of Judaism and religion it provides a new interpretation of the social and economic impact of religion.”

—Michael Toch, Hebrew University of Jerusalem

THE PRINCETON ECONOMIC HISTORY OF THE WESTERN WORLD
Joel Mokyr, Series Editor

SEPTEMBER

Cloth \$39.50S

978-0-691-14487-0

304 pages. 4 line illus.

29 tables. 11 maps. 6 x 9.

ECONOMICS ■ HISTORY ■ JEWISH STUDIES

PRESS.PRINCETON.EDU

A NEW WAY OF LOOKING AT
INTERNATIONAL RELATIONS
FROM A LEADING EXPERT IN THE FIELD

THE COLD WAR AND AFTER

History, Theory, and the Logic of International Politics

MARC TRACHTENBERG

“Marc Trachtenberg is unsurpassed in his ability to combine history and political science, and by bringing together a set of wide-ranging and incisive essays, he has produced a volume that belongs on the shelves of all serious scholars working in the field. The deep research, probing analysis, and distinctive voice make this book a pleasure to read.”

—Robert Jervis, Columbia University

“This is an outstanding book, engaging and stimulating from beginning to end. Trachtenberg is one of the rare analysts of international relations with a rich sense of history, and he is one of those rare historians who can look at public policy without harsh partisan blinders. This is exactly the type of book I wish our political leaders would read when they contemplate making important decisions in foreign policy.”

—Thomas A. Schwartz, Vanderbilt University

What makes for war or for a stable international system? Are there general principles that should govern foreign policy? In *The Cold War and After*, Marc Trachtenberg, a leading historian of international relations, explores how historical work can throw light on these questions. The essays in this book deal with specific problems—with such matters as nuclear strategy and U.S.-European relations. But Trachtenberg’s main goal is to show how in practice a certain type of scholarly work can be done. He demonstrates how, in studying international politics, the conceptual and empirical sides of the analysis can be made to connect with each other, and how historical, theoretical, and even policy issues can be tied together in an intellectually respectable way.

These essays address a wide variety of topics, from theoretical and policy issues such as the question of preventive war and the problem of international order, to more historical subjects—for example, American policy on Eastern Europe in 1945 and Franco-American relations during the Nixon-Pompidou period. But in each case the aim is to show how a theoretical perspective can be brought to bear on the analysis of historical issues, and how historical analysis can shed light on basic conceptual problems.

Marc Trachtenberg is professor of political science at the University of California, Los Angeles. His books include *A Constructed Peace* and *The Craft of International History* (both Princeton).

PRINCETON STUDIES IN INTERNATIONAL HISTORY AND POLITICS
Thomas J. Christensen, G. John Ikenberry, and Marc Trachtenberg, Series Editors

APRIL

Paper \$27.95S

978-0-691-15203-5

Cloth \$75.00S

978-0-691-15202-8

335 pages. 6 x 9.

POLITICAL SCIENCE ■
INTERNATIONAL RELATIONS

PRESS.PRINCETON.EDU

REFORMING THE EUROPEAN UNION

Realizing the Impossible

DANIEL FINKE, THOMAS KÖNIG,
SVEN-OLIVER PROKSCH &
GEORGE TSEBELIS

For decades the European Union tried changing its institutions, but achieved only unsatisfying political compromises and modest, incremental treaty revisions. In late 2009, however, the EU was successfully reformed through the Treaty of Lisbon. This book examines how political leaders ratified this treaty against all odds and shows how this victory involved all stages of treaty reform negotiations—from the initial proposal to referendums in several European countries.

The authors emphasize the strategic role of political leadership and domestic politics, and they use state-of-the-art methodology, applying a comprehensive data set for actors' reform preferences. They look at how political leaders reacted to apparent failures of the process by recreating or changing the rules of the game. While domestic actors played a significant role in the process, their influence over the outcome was limited as leaders ignored negative referendums and plowed ahead with intended reforms. The book's empirical analyses shed light on critical episodes: strategic agenda setting during the European Convention, the choice of ratification instrument, intergovernmental bargaining dynamics, and the reaction of the German Council presidency to the negative referendums in France, the Netherlands, and Ireland.

Daniel Finke is assistant professor of political science at the University of Heidelberg. **Thomas König** is professor of political science and director of the Research Centre for the Political Economy of Reforms at the University of Mannheim. **Sven-Oliver Proksch** is a research fellow at the Mannheim Centre for European Social Research. **George Tsebelis** is the Anatol Rapoport Collegiate Professor of Political Science at the University of Michigan.

AUGUST

Paper \$35.00S

978-0-691-15393-3

Cloth \$80.00S

978-0-691-15392-6

248 pages. 34 line illus. 13 tables. 6 x 9.

POLITICAL SCIENCE ■
INTERNATIONAL RELATIONS

WHY ADJUDICATE?

Enforcing Trade Rules in the WTO

CHRISTINA L. DAVIS

The World Trade Organization (WTO) oversees the negotiation and enforcement of formal rules governing international trade. Why do countries choose to adjudicate their trade disputes in the WTO rather than settling their differences on their own? In *Why Adjudicate?*, Christina Davis investigates the domestic politics behind the filing of WTO complaints, and reveals why formal dispute settlement creates better outcomes for governments and their citizens.

Davis demonstrates that industry lobbying, legislative demands, and international politics influence which countries and cases appear before the WTO. Democratic checks and balances bias the trade policy process toward public lawsuits and away from informal settlements. Trade officials use legal complaints to manage domestic politics and defend trade interests. WTO dispute settlement enables states and domestic groups to signal resolve more effectively, thereby enhancing the information available to policymakers and reducing the risk of a trade war. Davis establishes her argument with data on trade disputes and landmark cases, including the Boeing-Airbus controversy over aircraft subsidies, disagreement over Chinese intellectual property rights, and Japan's repeated challenges of U.S. steel industry protection. In her analysis of foreign trade barriers against U.S. exports, Davis explains why the United States gains better outcomes for cases taken to formal dispute settlement than for those negotiated. Case studies of Peru and Vietnam show that legal action can also benefit developing countries.

Christina L. Davis is associate professor of politics and international affairs at Princeton University. She is the author of *Food Fights over Free Trade: How International Institutions Promote Agricultural Trade Liberalization* (Princeton).

JUNE

Paper \$35.00S

978-0-691-15276-9

Cloth \$80.00S

978-0-691-15275-2

320 pages. 2 halftones.

4 line illus. 21 tables. 6 x 9.

POLITICAL SCIENCE ■
INTERNATIONAL RELATIONS

MONITORING DEMOCRACY

When International Election Observation Works,
and Why It Often Fails

JUDITH G. KELLEY

Is international election monitoring a good idea? In recent decades, governments and NGOs—in an effort to promote democracy, freedom, fairness, and stability throughout the world—have organized teams of observers to monitor elections in a variety of countries. But when more and more organizations join the practice without uniform standards, are assessments reliable? When politicians nonetheless cheat and monitors must return to countries even after two decades of engagement, what is accomplished? *Monitoring Democracy* argues that the practice of international election monitoring is broken, but still worth fixing. By analyzing the evolving interaction between domestic and international politics, Judith Kelley refutes prevailing arguments that international efforts cannot curb government behavior and that democratization is entirely a domestic process. Yet, she also shows that democracy promotion efforts are deficient and that outside actors often have no power and sometimes even do harm.

Analyzing original data on over 600 monitoring missions and 1,300 elections, Kelley grounds her investigation in solid historical context as well as studies of long-term developments over several elections in fifteen countries. She pinpoints the weaknesses of international election monitoring and looks at how practitioners and policymakers might help to improve them. Demonstrating the power and problems of transnational actors, Kelley crystallizes the tough dilemmas that the international community faces in using international election monitoring to promote democracy and liberal values.

Judith G. Kelley is associate professor of public policy and political science at Duke University. She is the author of *Ethnic Politics in Europe: The Power of Norms and Incentives* (Princeton).

APRIL

Paper \$35.00S

978-0-691-15278-3

Cloth \$80.00S

978-0-691-15277-6

352 pages. 28 line illus. 38 tables. 6 x 9.

POLITICAL SCIENCE ■
INTERNATIONAL RELATIONS

VOTES, VETOES, AND THE POLITICAL ECONOMY OF INTERNATIONAL TRADE AGREEMENTS

EDWARD D. MANSFIELD &
HELEN V. MILNER

Preferential trading arrangements (PTAs) play an increasingly prominent role in the global political economy, two notable examples being the European Union and the North American Free Trade Agreement. These agreements foster economic integration among member states by enhancing their access to one another's markets. Yet despite the importance of PTAs to international trade and world politics, until now little attention has been focused on why governments choose to join them and how governments design them. This book offers valuable new insights into the political economy of PTA formation. Many economists have argued that the roots of these agreements lie in the promise they hold for improving the welfare of member states. Others have posited that trade agreements are a response to global political conditions. Edward Mansfield and Helen Milner argue that domestic politics provide a crucial impetus to the decision by governments to enter trade pacts. Drawing on this argument, they explain why democracies are more likely to enter PTAs than nondemocratic regimes, and why as the number of veto players—interest groups with the power to block policy change—increases in a prospective member state, the likelihood of the state entering a trade agreement is reduced. The book provides a novel view of the political foundations of trade agreements.

Edward D. Mansfield is the Hum Rosen Professor of Political Science at the University of Pennsylvania.

Helen V. Milner is the B. C. Forbes Professor of Public Affairs at Princeton University.

JUNE

Paper \$29.95S

978-0-691-13530-4

Cloth \$60.00S

978-0-691-13529-8

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

POLITICAL SCIENCE ■
INTERNATIONAL RELATIONS

LOCAL ELECTIONS AND THE POLITICS OF SMALL-SCALE DEMOCRACY

J. ERIC OLIVER

With Shang E. Ha & Zachary Callen

Local government is the hidden leviathan of American politics: it accounts for nearly a quarter of gross domestic product, it collects nearly as much in taxes as the federal government, and its decisions have an enormous impact on Americans' daily lives. Yet political scientists have few explanations for how people vote in local elections, particularly in the smaller cities, towns, and suburbs where most Americans live. Drawing on a wide variety of data sources and case studies, this book offers the first comprehensive analysis of electoral politics in America's municipalities.

Arguing that current explanations of voting behavior are ill suited for most local contests, Eric Oliver puts forward a new theory that highlights the crucial differences between local, state, and national democracies. Being small in size, limited in power, and largely unbiased in distributing their resources, local governments are "managerial democracies" with a distinct style of electoral politics. Instead of hinging on the partisanship, ideology, and group appeals that define national and state elections, local elections are based on the custodial performance of civic-oriented leaders and on their personal connections to voters with similarly deep community ties. Explaining not only the dynamics of local elections, Oliver's findings also upend many long-held assumptions about community power and local governance, including the importance of voter turnout and the possibilities for grassroots political change.

J. Eric Oliver is professor of political science at the University of Chicago. **Shang E. Ha** is assistant professor of political science at Brooklyn College. **Zachary Callen** is assistant professor of political science at Allegheny College.

JULY

Paper \$29.95

978-0-691-14356-9

Cloth \$75.00S

978-0-691-14355-2

232 pages. 15 line illus. 14 tables. 6 x 9.

POLITICAL SCIENCE

THE REPUTATIONAL PREMIUM

A Theory of Party Identification
and Policy Reasoning

PAUL M. SNIDERMAN &
EDWARD H. STIGLITZ

The Reputational Premium presents a new theory of party identification, the central concept in the study of voting. Challenging the traditional idea that voters identify with a political party out of blind emotional attachment, this pioneering book explains why party identification in contemporary American politics enables voters to make coherent policy choices.

Standard approaches to the study of policy-based voting hold that voters choose based on the policy positions of the two candidates competing for their support. This study demonstrates that candidates can get a premium in support from the policy reputations of their parties. In particular, Paul Sniderman and Edward Stiglitz present a theory of how partisans take account of the parties' policy reputations as a function of the competing candidates' policy positions.

A central implication of this theory of reputation-centered choices is that party identification gives candidates tremendous latitude in their policy positioning. Paradoxically, it is the party supporters who understand and are in synch with the ideological logic of the American party system who open the door to a polarized politics precisely by making the best-informed choices on offer.

Paul M. Sniderman is the Fairleigh S. Dickinson, Jr., Professor of Public Policy at Stanford University and a fellow of the American Academy of Arts and Sciences. **Edward H. Stiglitz** holds a PhD in political science from Stanford University and is completing a JD at Stanford Law School.

JULY

Paper \$29.95

978-0-691-15417-6

Cloth \$75.00S

978-0-691-15414-5

192 pages. 11 line illus. 26 tables. 6 x 9.

POLITICAL SCIENCE

THE POLITICS OF PRECAUTION

Regulating Health, Safety, and Environmental Risks
in Europe and the United States

DAVID VOGEL

The Politics of Precaution examines the politics of consumer and environmental risk regulation in the United States and Europe over the last five decades, explaining why America and Europe have often regulated a wide range of similar risks differently. It finds that between 1960 and 1990, American health, safety, and environmental regulations were more stringent, risk averse, comprehensive, and innovative than those adopted in Europe. But since around 1990, the book shows, global regulatory leadership has shifted to Europe. What explains this striking reversal?

David Vogel takes an in-depth, comparative look at European and American policies toward a range of consumer and environmental risks, including vehicle air pollution, ozone depletion, climate change, beef and milk hormones, genetically modified agriculture, antibiotics in animal feed, pesticides, cosmetic safety, and hazardous substances in electronic products. He traces how concerns over such risks—and pressure on political leaders to do something about them—have risen among the European public but declined among Americans. Vogel explores how policymakers in Europe have grown supportive of more stringent regulations while those in the United States have become sharply polarized along partisan lines. And as European policymakers have grown more willing to regulate risks on precautionary grounds, increasingly skeptical American policymakers have called for higher levels of scientific certainty before imposing additional regulatory controls on business.

David Vogel is professor at the Haas School of Business and in the Department of Political Science at the University of California, Berkeley. His books include *The Market for Virtue: The Potential and Limits of Corporate Social Responsibility*.

MAY

Cloth \$39.50S

978-0-691-12416-2

320 pages. 6 x 9.

POLITICAL SCIENCE ■ PUBLIC POLICY

BUILDING THE JUDICIARY

Law, Courts, and the Politics of
Institutional Development

JUSTIN CROWE

How did the federal judiciary transcend early limitations to become a powerful institution of American governance? How did the Supreme Court move from political irrelevance to political centrality? *Building the Judiciary* uncovers the causes and consequences of judicial institution-building in the United States from the commencement of the new government in 1789 through the close of the twentieth century. Explaining why and how the federal judiciary became an independent, autonomous, and powerful political institution, Justin Crowe moves away from the notion that the judiciary is exceptional in the scheme of American politics, illustrating instead how it is subject to the same architectonic politics as other political institutions.

Arguing that judicial institution-building is fundamentally based on a series of contested questions regarding institutional design and delegation, Crowe develops a theory to explain why political actors seek to build the judiciary and the conditions under which they are successful. He both demonstrates how the motivations of institution-builders ranged from substantive policy to partisan and electoral politics to judicial performance, and details how reform was often provoked by substantial changes in the political universe or transformational entrepreneurship by political leaders. Embedding case studies of landmark institution-building episodes within a contextual understanding of each era under consideration, Crowe presents a historically rich narrative that offers analytically grounded explanations for why judicial institution-building was pursued, how it was accomplished, and what—in the broader scheme of American constitutional democracy—it achieved.

Justin Crowe is assistant professor of political science at Williams College.

PRINCETON STUDIES IN AMERICAN POLITICS: HISTORICAL,
INTERNATIONAL, AND COMPARATIVE PERSPECTIVES
Ira Katznelson, Martin Shefter, and Theda Skocpol, Series Editors

APRIL

Paper \$35.00S

978-0-691-15293-6

Cloth \$80.00S

978-0-691-15292-9

328 pages. 4 tables. 6 x 9.

POLITICAL SCIENCE ■ LAW

THREE WORLDS OF RELIEF

Race, Immigration, and the American Welfare State
from the Progressive Era to the New Deal

CYBELLE FOX

Three Worlds of Relief examines the role of race and immigration in the development of the American social welfare system by comparing how blacks, Mexicans, and European immigrants were treated by welfare policies during the Progressive Era and the New Deal. Taking readers from the turn of the twentieth century to the dark days of the Depression, Cybelle Fox finds that, despite rampant nativism, European immigrants received generous access to social welfare programs. The communities in which they lived invested heavily in relief. Social workers protected them from snooping immigration agents, and ensured that noncitizenship and illegal status did not prevent them from receiving the assistance they needed. But that same helping hand was not extended to Mexicans and blacks. Fox reveals, for example, how blacks were relegated to racist and degrading public assistance programs, while Mexicans who asked for assistance were deported with the help of the very social workers they turned to for aid.

Drawing on a wealth of archival evidence, Fox paints a riveting portrait of how race, labor, and politics combined to create three starkly different worlds of relief. She debunks the myth that white America's immigrant ancestors pulled themselves up by their bootstraps, unlike immigrants and minorities today. *Three Worlds of Relief* challenges us to reconsider not only the historical record but also the implications of our past on contemporary debates about race, immigration, and the American welfare state.

Cybelle Fox is assistant professor of sociology at the University of California, Berkeley. She is the coauthor of *Rampage: The Social Roots of School Shootings*.

PRINCETON STUDIES IN AMERICAN POLITICS: HISTORICAL,
INTERNATIONAL, AND COMPARATIVE PERSPECTIVES
Ira Katznelson, Martin Shefter, and Theda Skocpol, Series Editors

MAY

Paper \$35.00S

978-0-691-15224-0

Cloth \$80.00S

978-0-691-15223-3

368 pages. 1 halftone. 11 line illus.
5 tables. 2 maps. 6 x 9.

POLITICAL SCIENCE ■ SOCIOLOGY

REANNOUNCING

PATHS OUT OF DIXIE

The Democratization of Authoritarian Enclaves
in America's Deep South, 1944–1972

ROBERT MICKEY

The transformation of the American South—from authoritarian to democratic rule—is the most important political development since World War II. It has resorted voters into parties, remapped presidential elections, and helped polarize Congress. Most important, it is the final step in America's democratization. *Paths Out of Dixie* illuminates this sea change by analyzing the democratization experiences of Georgia, Mississippi, and South Carolina.

Robert Mickey argues that Southern states, from the 1890s until the early 1970s, constituted pockets of authoritarian rule trapped within and sustained by a federal democracy. These enclaves—devoted to cheap agricultural labor and white supremacy—were established by conservative Democrats to protect their careers and clients. From the abolition of the whites-only Democratic primary in 1944 until the national party reforms of the early 1970s, enclaves were battered and destroyed by a series of democratization pressures from inside and outside their borders. Drawing on archival research, Mickey traces how Deep South rulers—dissimilar in their internal conflict and political institutions—varied in their responses to these challenges. Ultimately, enclaves differed in their degree of violence, incorporation of African Americans, and reconciliation of Democrats with the national party. These diverse paths generated political and economic legacies that continue to reverberate today.

Robert Mickey is associate professor of political science at the University of Michigan.

PRINCETON STUDIES IN AMERICAN POLITICS: HISTORICAL,
INTERNATIONAL, AND COMPARATIVE PERSPECTIVES
Ira Katznelson, Martin Shefter, and Theda Skocpol, Series Editors

JULY

Paper \$35.00S

978-0-691-14963-9

Cloth \$80.00S

978-0-691-13338-6

392 pages. 4 halftones.
9 line illus. 12 tables. 6 x 9.

POLITICAL SCIENCE ■
AMERICAN HISTORY

AN ANTHROPOLOGIST LOOKS AT THE
NEW “CRACK COCAINE” OF HIGH-TECH GAMBLING

REANNOUNCING

ADDICTION BY DESIGN

Machine Gambling in Las Vegas

NATASHA DOW SCHÜLL

“A gripping, insightful, and poignant analysis of the psychological power of machine gambling, read through the lens of an extraordinary collection of narratives and theoretical sources. Schüll illuminates the multiple, intersecting logics of the industry as a sociotechnical assemblage, showing how casino design, gambling machines, and gamblers are drawn together into a kind of integrated circuit aimed at maximizing the gamblers’ entrainment and the industry’s profits.”

—Lucy A. Suchman, author of *Human-Machine Reconfigurations*

“*Addiction by Design* is an extremely enlightening ethnographic account of a little-studied form of gambling. The ethnography is rich and deep, shedding original light on the significance of addiction and gambling in American culture. Schüll offers a provocative and important study of the imperative some people feel to lose themselves in a machine. The story told in the book is absolutely riveting.”

—Emily Martin, author of *Bipolar Expeditions*

Recent decades have seen a dramatic shift away from social forms of gambling played around roulette wheels and card tables to solitary gambling at electronic terminals. *Addiction by Design* takes readers into the intriguing world of machine gambling, an increasingly popular and absorbing form of play that blurs the line between human and machine, compulsion and control, risk and reward.

Drawing on fifteen years of field research in Las Vegas, anthropologist Natasha Dow Schüll shows how the mechanical rhythm of electronic gambling pulls players into a trancelike state they call the “machine zone,” in which daily worries, social demands, and even bodily awareness fade away. Once in the zone, gambling addicts play not to win but simply to keep playing, for as long as possible—even at the cost of physical and economic exhaustion. In continuous machine play, gamblers seek to lose themselves while the gambling industry seeks profit. Schüll describes the strategic calculations behind game algorithms and machine ergonomics, casino architecture and “ambience management,” player tracking and cash access systems—all designed to meet the market’s desire for maximum “time on device.” Her account moves from casino floors into gamblers’ everyday lives, from gambling industry conventions and Gamblers Anonymous meetings to regulatory debates over whether addiction to gambling machines stems from the consumer, the product, or the interplay between the two.

Addiction by Design is a compelling inquiry into the intensifying traffic between people and machines of chance, offering clues to some of the broader anxieties and predicaments of contemporary life.

Natasha Dow Schüll is assistant professor in the Program in Science, Technology, and Society at the Massachusetts Institute of Technology.

JUNE

Cloth \$35.00S

978-0-691-12755-2

368 pages. 29 halftones. 6 x 9.

ANTHROPOLOGY ■ SOCIOLOGY

PRESS.PRINCETON.EDU

POGROM IN GUJARAT

Hindu Nationalism and
Anti-Muslim Violence in India

PARVIS GHASSEM-FACHANDI

In 2002, after an altercation between Muslim vendors and Hindu travelers at a railway station in the Indian state of Gujarat, fifty-nine Hindu pilgrims were burned to death. The ruling nationalist Bharatiya Janata Party blamed Gujarat's entire Muslim minority for the tragedy and incited fellow Hindus to exact revenge. The resulting violence left more than one thousand people dead—most of them Muslims—and tens of thousands more displaced from their homes. Parvis Ghassem-Fachandi witnessed the bloodshed up close. In *Pogrom in Gujarat*, he provides a riveting ethnographic account of collective violence in which the doctrine of ahimsa—or nonviolence—and the closely associated practices of vegetarianism became implicated by legitimating what they formally disavow.

Ghassem-Fachandi looks at how newspapers, movies, and other media helped to fuel the pogrom. He shows how the vegetarian sensibilities of Hindus and the language of sacrifice were manipulated to provoke disgust against Muslims and mobilize the aspiring middle classes across caste and class differences in the name of Hindu nationalism. Drawing on his intimate knowledge of Gujarat's culture and politics and the close ties he shared with some of the pogrom's sympathizers, Ghassem-Fachandi offers a strikingly original interpretation of the different ways in which Hindu proponents of ahimsa became complicit in the very violence they claimed to renounce.

Parvis Ghassem-Fachandi is assistant professor of anthropology at Rutgers University. He is the editor of *Violence: Ethnographic Encounters*.

MAY

Paper \$29.955

978-0-691-15177-9

Cloth \$75.005

978-0-691-15176-2

344 pages. 20 halftones. 6 x 9.

ANTHROPOLOGY ■ ASIAN STUDIES

THE BLACK HOLE OF EMPIRE

History of a Global Practice of Power

PARTHA CHATTERJEE

When Siraj, the ruler of Bengal, overran the British settlement of Calcutta in 1756, he allegedly jailed 146 European prisoners overnight in a cramped prison. Of the group, 123 died of suffocation. While this episode was never independently confirmed, the story of "the black hole of Calcutta" was widely circulated and seen by the British public as an atrocity committed by savage colonial subjects. *The Black Hole of Empire* follows the ever-changing representations of this historical event and founding myth of the British Empire in India, from the eighteenth century to the present. Partha Chatterjee explores how a supposed tragedy paved the ideological foundations for the civilizing force of British imperial rule and territorial control in India.

Chatterjee takes a close look at the justifications of modern empire by liberal thinkers, international lawyers, and conservative traditionalists, and examines the intellectual and political responses of the colonized, including those of Bengali nationalists. The two sides of empire's entwined history are brought together in the story of the Black Hole memorial: set up in Calcutta in 1760, demolished in 1821, restored by Lord Curzon in 1902, and removed in 1940 to a neglected churchyard. Challenging conventional truisms of imperial history, nationalist scholarship, and liberal visions of globalization, Chatterjee argues that empire is a necessary and continuing part of the history of the modern state.

Partha Chatterjee is professor of anthropology and of Middle Eastern, South Asian, and African Studies at Columbia University; and honorary professor at the Centre for Studies in Social Sciences, Calcutta. His books include *The Politics of the Governed*.

MAY

Paper \$29.955

978-0-691-15201-1

Cloth \$80.005

978-0-691-15200-4

440 pages. 23 halftones.

5 line illus. 6 x 9.

ANTHROPOLOGY ■ ASIAN STUDIES

MELANCHOLIA OF FREEDOM

Social Life in an Indian Township in South Africa

THOMAS BLOM HANSEN

The end of apartheid in 1994 signaled a moment of freedom and a promise of a nonracial future. With this promise came an injunction: define yourself as you truly are, as an individual, and as a community. Almost two decades later it is clear that it was less the future than the habits and horizons of anxious life in racially defined enclaves that determined post-apartheid freedom. In this book, Thomas Blom Hansen offers an in-depth analysis of the uncertainties, dreams, and anxieties that have accompanied post-apartheid freedoms in Chatsworth, a formerly Indian township in Durban. Exploring five decades of township life, Hansen tells the stories of ordinary Indians whose lives were racialized and framed by the township, and how these residents domesticated and inhabited this urban space and its institutions, during apartheid and after.

Hansen demonstrates the complex and ambivalent nature of ordinary township life. While the ideology of apartheid was widely rejected, its practical institutions, from urban planning to houses, schools, and religious spaces, were embraced in order to remake the community. Hansen describes how the racial segmentation of South African society still informs daily life, notions of race, personhood, morality, and religious ethics. He also demonstrates the force of global religious imaginings that promise a universal and inclusive community amid uncertain lives and futures in the post-apartheid nation-state.

Thomas Blom Hansen is professor of anthropology and the Reliance-Dhirubhai Ambani Professor of South Asian Studies at Stanford University, where he also directs the Center for South Asia. His books include *The Saffron Wave* and *Wages of Violence* (both Princeton).

JUNE

Paper \$29.95

978-0-691-15296-7

Cloth \$80.00

978-0-691-15295-0

344 pages. 10 halftones. 2 maps. 6 x 9.

ANTHROPOLOGY ■ AFRICAN STUDIES ■
ASIAN STUDIES

THE NEW ARAB MAN

Emergent Masculinities, Technologies,
and Islam in the Middle East

MARCIA C. INHORN

Middle Eastern Muslim men have been widely vilified as terrorists, religious zealots, and brutal oppressors of women. *The New Arab Man* challenges these stereotypes with the stories of ordinary Middle Eastern men as they struggle to overcome infertility and childlessness through assisted reproduction.

Drawing on two decades of ethnographic research across the Middle East with hundreds of men from a variety of social and religious backgrounds, Marcia Inhorn shows how the new Arab man is self-consciously rethinking the patriarchal masculinity of his forefathers and unseating received wisdoms. This is especially true in childless Middle Eastern marriages where, contrary to popular belief, infertility is more common among men than women. Inhorn captures the marital, moral, and material commitments of couples undergoing assisted reproduction, revealing how new technologies are transforming their lives and religious sensibilities. And she looks at the changing manhood of husbands who undertake transnational “egg quests”—set against the backdrop of war and economic uncertainty—out of devotion to the infertile wives they love.

Trenchant and emotionally gripping, *The New Arab Man* traces the emergence of new masculinities in the Middle East in the era of biotechnology.

Marcia C. Inhorn is the William K. Lanman, Jr., Professor of Anthropology and International Affairs at Yale University. Her many books include *Local Babies*, *Global Science: Gender, Religion, and In Vitro Fertilization in Egypt* and *Infertility and Patriarchy: The Cultural Politics of Gender and Family Life in Egypt*.

APRIL

Paper \$35.00

978-0-691-14889-2

Cloth \$75.00

978-0-691-14888-5

424 pages. 18 halftones. 16 tables. 6 x 9.

ANTHROPOLOGY ■
MIDDLE EAST STUDIES

HYBRID DYNAMICAL SYSTEMS

Modeling, Stability, and Robustness

RAFAL GOEBEL,
RICARDO G. SANFELICE &
ANDREW R. TEEL

Hybrid dynamical systems exhibit continuous and instantaneous changes, having features of continuous-time and discrete-time dynamical systems. Filled with a wealth of examples to illustrate concepts, this book presents a complete theory of robust asymptotic stability for hybrid dynamical systems that is applicable to the design of hybrid control algorithms—algorithms that feature logic, timers, or combinations of digital and analog components.

With the tools of modern mathematical analysis, *Hybrid Dynamical Systems* unifies and generalizes earlier developments in continuous-time and discrete-time nonlinear systems. It presents hybrid system versions of the necessary and sufficient Lyapunov conditions for asymptotic stability, invariance principles, and approximation techniques, and examines the robustness of asymptotic stability, motivated by the goal of designing robust hybrid control algorithms.

This self-contained and classroom-tested book requires standard background in mathematical analysis and differential equations or nonlinear systems. It will interest graduate students in engineering as well as students and researchers in control, computer science, and mathematics.

Rafal Goebel is an assistant professor in the Department of Mathematics and Statistics at Loyola University, Chicago. **Ricardo G. Sanfelice** is an assistant professor in the Department of Aerospace and Mechanical Engineering at the University of Arizona. **Andrew R. Teel** is a professor in the Electrical and Computer Engineering Department at the University of California, Santa Barbara.

APRIL

Cloth \$79.50S

978-0-691-15389-6

232 pages. 45 line illus. 6 x 9.

MATHEMATICS ■ ENGINEERING

CALCULUS OF VARIATIONS AND OPTIMAL CONTROL THEORY

A Concise Introduction

DANIEL LIBERZON

This textbook offers a concise yet rigorous introduction to calculus of variations and optimal control theory, and is a self-contained resource for graduate students in engineering, applied mathematics, and related subjects. Designed specifically for a one-semester course, the book begins with calculus of variations, preparing the ground for optimal control. It then gives a complete proof of the maximum principle and covers key topics such as the Hamilton-Jacobi-Bellman theory of dynamic programming and linear-quadratic optimal control.

Calculus of Variations and Optimal Control Theory also traces the historical development of the subject and features numerous exercises, notes and references at the end of each chapter, and suggestions for further study.

- ◆ Offers a concise yet rigorous introduction
- ◆ Requires limited background in control theory or advanced mathematics
- ◆ Provides a complete proof of the maximum principle
- ◆ Uses consistent notation in the exposition of classical and modern topics
- ◆ Traces the historical development of the subject
- ◆ Solutions manual (available only to teachers)

Daniel Liberzon is associate professor of electrical and computer engineering at the University of Illinois, Urbana-Champaign. He is the author of *Switching in Systems and Control*.

FEBRUARY

Cloth \$75.00S

978-0-691-15187-8

256 pages. 63 line illus. 7 x 10.

MATHEMATICS ■ ENGINEERING

MATHEMATICAL ANALYSIS OF DETERMINISTIC AND STOCHASTIC PROBLEMS IN COMPLEX MEDIA ELECTROMAGNETICS

G. F. ROACH, I. G. STRATIS &
A. N. YANNAKOPOULOS

Electromagnetic complex media are artificial materials that affect the propagation of electromagnetic waves in surprising ways not usually seen in nature. Because of their wide range of important applications, these materials have been intensely studied over the past twenty-five years, mainly from the perspectives of physics and engineering. But a body of rigorous mathematical theory has also gradually developed, and this is the first book to present that theory.

Designed for researchers and advanced graduate students in applied mathematics, electrical engineering, and physics, this book introduces the electromagnetics of complex media through a systematic, state-of-the-art account of their mathematical theory. The book combines the study of well-posedness, homogenization, and controllability of Maxwell equations complemented with constitutive relations describing complex media. The book treats deterministic and stochastic problems both in the frequency and time domains. It also covers computational aspects and scattering problems, among other important topics. Detailed appendices make the book self-contained in terms of mathematical prerequisites, and accessible to engineers and physicists as well as mathematicians.

G. F. Roach is professor emeritus in the Department of Mathematics and Statistics at the University of Strathclyde. **I. G. Stratiss** is professor in the Department of Mathematics at the National and Kapodistrian University, Athens. **A. N. Yannacopoulos** is associate professor in the Department of Statistics at the Athens University of Economics and Business.

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MARCH

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400 pages. 6 x 9.

MATHEMATICS ■ ENGINEERING ■
PHYSICS

STABILITY AND CONTROL OF LARGE-SCALE DYNAMICAL SYSTEMS

A Vector Dissipative Systems Approach

WASSIM M. HADDAD &
SERGEY G. NERSESOV

Modern complex large-scale dynamical systems exist in virtually every aspect of science and engineering, and are associated with a wide variety of physical, technological, environmental, and social phenomena, including aerospace, power, communications, and network systems, to name just a few. This book develops a general stability analysis and control design framework for nonlinear large-scale interconnected dynamical systems, and presents the most complete treatment on vector Lyapunov function methods, vector dissipativity theory, and decentralized control architectures.

Large-scale dynamical systems are strongly interconnected and consist of interacting subsystems exchanging matter, energy, or information with the environment. The sheer size, or dimensionality, of these systems necessitates decentralized analysis and control system synthesis methods for their analysis and design. Written in a theorem-proof format with examples to illustrate new concepts, this book addresses continuous-time, discrete-time, and hybrid large-scale systems. It develops finite-time stability and finite-time decentralized stabilization, thermodynamic modeling, maximum entropy control, and energy-based decentralized control.

This book will interest anyone seeking a fundamental and comprehensive understanding of large-scale interconnected dynamical systems and control.

Wassim M. Haddad is a professor in the School of Aerospace Engineering and chair of the Flight Mechanics and Control Discipline at Georgia Institute of Technology. **Sergey G. Nersesov** is an associate professor in the Department of Mechanical Engineering at Villanova University.

PRINCETON SERIES IN APPLIED MATHEMATICS
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JANUARY

Cloth \$99.50S
978-0-691-15346-9
392 pages. 60 line illus. 3 tables. 7 x 10.

MATHEMATICS ■ ENGINEERING

NUMERICAL METHODS

ANNE GREENBAUM &
TIMOTHY P. CHARTIER

Numerical Methods provides a clear and concise exploration of standard numerical analysis topics, as well as nontraditional ones, including mathematical modeling, Monte Carlo methods, Markov chains, and fractals. Filled with appealing examples that will motivate students, the textbook considers modern application areas, such as information retrieval and animation, and classical topics from physics and engineering. Exercises use MATLAB and promote understanding of computational results.

The book gives instructors the flexibility to emphasize different aspects—design, analysis, or computer implementation—of numerical algorithms, depending on the background and interests of students. Designed for upper-division undergraduates in mathematics or computer science classes, the textbook assumes that students have prior knowledge of linear algebra and calculus, although these topics are reviewed in the text. Short discussions of the history of numerical methods are interspersed throughout the chapters. The book also includes polynomial interpolation at Chebyshev points, use of the MATLAB package Chebfun, and a section on the fast Fourier transform. Supplementary materials are available online.

- ◆ Clear and concise exposition of standard numerical analysis topics
- ◆ Explores nontraditional topics, such as mathematical modeling and Monte Carlo methods
- ◆ Covers modern applications, including information retrieval and animation, and classical applications from physics and engineering
- ◆ Promotes understanding of computational results through MATLAB exercises
- ◆ Provides flexibility so instructors can emphasize mathematical or applied/computational aspects of numerical methods or a combination
- ◆ Includes recent results on polynomial interpolation at Chebyshev points and use of the MATLAB package Chebfun
- ◆ Short discussions of the history of numerical methods interspersed throughout
- ◆ Supplementary materials available online

Anne Greenbaum is professor of applied mathematics at the University of Washington. She is the author of *Iterative Methods for Solving Linear Systems*. **Timothy P. Chartier** is associate professor of mathematics at Davidson College.

A RIGOROUS AND COMPREHENSIVE
INTRODUCTION TO NUMERICAL ANALYSIS

“This is an excellent introduction to the exciting world of numerical analysis. Fulfilling the need for a modern textbook on numerical methods, this volume has a wealth of examples that will keep students interested in the material. The mathematics is completely rigorous and I applaud the authors for doing such a marvelous job.”

—Michele Benzi, Emory University

“Filled with polished details and a plethora of examples and illustrations, this ambitious and substantial text touches every standard topic of numerical analysis. The authors have done a huge amount of work and produced a major textbook for this subject.”

—Lloyd N. Trefethen, University of Oxford

APRIL

Cloth \$95.00S

978-0-691-15122-9

464 pages. 78 halftones. 145 line illus. 7 x 10.

MATHEMATICS ■ ENGINEERING ■
COMPUTER SCIENCE

PRESS.PRINCETON.EDU

WHY NARRATIVE IS ESSENTIAL TO MATHEMATICS

CIRCLES DISTURBED

The Interplay of Mathematics and Narrative

EDITED BY APOSTOLOS DOXIADIS
& BARRY MAZUR

“*Circles Disturbed* offers a range of possibilities for how narrative can function in mathematics and how narratives themselves show signs of a mathematical structure. An intelligent, exploratory collection of writings by a distinguished group of contributors.”

—Theodore Porter, University of California, Los Angeles

“This collection is a pioneering effort to trace the hidden connections between mathematics and narrative. It succeeds magnificently, and represents a very significant contribution that will appeal to the professional mathematician as well as the general educated reader. The articles are written by top authorities in their fields.”

—Doron Zeilberger, Rutgers University

Circles Disturbed brings together important thinkers in mathematics, history, and philosophy to explore the relationship between mathematics and narrative. The book’s title recalls the last words of the great Greek mathematician Archimedes before he was slain by a Roman soldier—“Don’t disturb my circles”—words that seem to refer to two radically different concerns: that of the practical person living in the concrete world of reality, and that of the theoretician lost in a world of abstraction. Stories and theorems are, in a sense, the natural languages of these two worlds—stories representing the way we act and interact, and theorems giving us pure thought, distilled from the hustle and bustle of reality. Yet, though the voices of stories and theorems seem totally different, they share profound connections and similarities.

A book unlike any other, *Circles Disturbed* delves into topics such as the way in which historical and biographical narratives shape our understanding of mathematics and mathematicians, the development of “myths of origins” in mathematics, the structure and importance of mathematical dreams, the role of storytelling in the formation of mathematical intuitions, the ways mathematics helps us organize the way we think about narrative structure, and much more.

In addition to the editors, the contributors are Amir Alexander, David Corfield, Peter Galison, Timothy Gowers, Michael Harris, David Herman, Federica La Nave, G.E.R. Lloyd, Uri Margolin, Colin McLarty, Jan Christoph Meister, Arkady Plotnitsky, and Bernard Teissier.

Apostolos Doxiadis is a writer whose books include *Uncle Petros and Goldbach’s Conjecture* and *Logicomix*. **Barry Mazur** is the Gerhard Gade University Professor in the Department of Mathematics at Harvard University. His books include *Imagining Numbers* and *Arithmetic Moduli of Elliptic Curves* (Princeton).

APRIL

Cloth \$49.50S

978-0-691-14904-2

552 pages. 91 line illus. 6 x 9.

MATHEMATICS

PRESS.PRINCETON.EDU

FRÉCHET DIFFERENTIABILITY OF LIPSCHITZ FUNCTIONS AND POROUS SETS IN BANACH SPACES

JORAM LINDENSTRAUSS, DAVID PREISS
& JAROSLAV TIŠER

This book makes a significant inroad into the unexpectedly difficult question of existence of Fréchet derivatives of Lipschitz maps of Banach spaces into higher dimensional spaces. Because the question turns out to be closely related to porous sets in Banach spaces, it provides a bridge between descriptive set theory and the classical topic of existence of derivatives of vector-valued Lipschitz functions. The topic is relevant to classical analysis and descriptive set theory on Banach spaces. The book opens several new research directions in this area of geometric nonlinear functional analysis.

The new methods developed here include a game approach to perturbational variational principles that is of independent interest. Detailed explanation of the underlying ideas and motivation behind the proofs of the new results on Fréchet differentiability of vector-valued functions should make these arguments accessible to a wider audience. The most important special case of the differentiability results, that Lipschitz mappings from a Hilbert space into the plane have points of Fréchet differentiability, is given its own chapter with a proof that is independent of much of the work done to prove more general results. The book raises several open questions concerning its two main topics.

Joram Lindenstrauss is professor emeritus of mathematics at the Hebrew University of Jerusalem. **David Preiss** is professor of mathematics at the University of Warwick. **Jaroslav Tišer** is associate professor of mathematics at Czech Technical University in Prague.

ANNALS OF MATHEMATICS STUDIES, 179
Phillip A. Griffiths, John N. Mather, and Elias M. Stein, Series Editors

MARCH

Paper \$75.00S
978-0-691-15356-8
Cloth \$165.00S
978-0-691-15355-1
424 pages. 6 x 9.
MATHEMATICS

CONVOLUTION AND EQUIDISTRIBUTION

Sato-Tate Theorems for
Finite-Field Mellin Transforms

NICHOLAS M. KATZ

Convolution and Equidistribution explores an important aspect of number theory—the theory of exponential sums over finite fields and their Mellin transforms—from a new, categorical point of view. The book presents fundamentally important results and a plethora of examples, opening up new directions in the subject.

The finite-field Mellin transform (of a function on the multiplicative group of a finite field) is defined by summing that function against variable multiplicative characters. The basic question considered in the book is how the values of the Mellin transform are distributed (in a probabilistic sense), in cases where the input function is suitably algebro-geometric. This question is answered by the book's main theorem, using a mixture of geometric, categorical, and group-theoretic methods.

By providing a new framework for studying Mellin transforms over finite fields, this book opens up a new way for researchers to further explore the subject.

Nicholas M. Katz is professor of mathematics at Princeton University. He is the author or coauthor of six previous titles in the Annals of Mathematics Studies: *Arithmetic Moduli of Elliptic Curves* (with Barry Mazur); *Gauss Sums, Kloosterman Sums, and Monodromy Groups*; *Exponential Sums and Differential Equations*; *Rigid Local Systems*; *Twisted L-Functions and Monodromy*; and *Moments, Monodromy, and Perversity*.

ANNALS OF MATHEMATICS STUDIES, 180
Phillip A. Griffiths, John N. Mather, and Elias M. Stein, Series Editors

MARCH

Paper \$75.00S
978-0-691-15331-5
Cloth \$165.00S
978-0-691-15330-8
212 pages. 6 x 9.
MATHEMATICS

SOME PROBLEMS OF UNLIKELY INTERSECTIONS IN ARITHMETIC AND GEOMETRY

UMBERTO ZANNIER

With appendixes by David Masser

This book considers the so-called Unlikely Intersections, a topic that embraces well-known issues, such as Lang's and Manin-Mumford's, concerning torsion points in subvarieties of tori or abelian varieties. More generally, the book considers algebraic subgroups that meet a given subvariety in a set of "unlikely" dimension. The book is an expansion of the Hermann Weyl Lectures delivered by Umberto Zannier at the Institute for Advanced Study in Princeton in May 2010.

The book consists of four chapters and seven brief appendixes, the last six by David Masser. The first chapter considers multiplicative algebraic groups, presenting proofs of several developments, ranging from the origins to recent results, and discussing many applications and relations with other contexts. The second chapter considers an analogue in arithmetic and several applications of this. The third chapter introduces a new method for approaching some of these questions, and presents a detailed application of this (by Masser and the author) to a relative case of the Manin-Mumford issue. The fourth chapter focuses on the André-Oort conjecture (outlining work by Pila).

Umberto Zannier is professor of mathematics at the Scuola Normale Superiore di Pisa in Pisa, Italy. He is the author of *Lecture Notes on Diophantine Analysis* and the editor of *Diophantine Geometry*.

ANNALS OF MATHEMATICS STUDIES, 181

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

APRIL

Paper \$75.00S

978-0-691-15371-1

Cloth \$165.00S

978-0-691-15370-4

160 pages. 7 x 10.

MATHEMATICS

THE DECOMPOSITION OF GLOBAL CONFORMAL INVARIANTS

SPYROS ALEXAKIS

This book addresses a basic question in differential geometry that was first considered by physicists Stanley Deser and Adam Schwimmer in 1993 in their study of conformal anomalies. The question concerns conformally invariant functionals on the space of Riemannian metrics over a given manifold. These functionals act on a metric by first constructing a Riemannian scalar out of it, and then integrating this scalar over the manifold. Suppose this integral remains invariant under conformal re-scalings of the underlying metric. What information can one then deduce about the Riemannian scalar? Deser and Schwimmer asserted that the Riemannian scalar must be a linear combination of three obvious candidates, each of which clearly satisfies the required property: a local conformal invariant, a divergence of a Riemannian vector field, and the Chern-Gauss-Bonnet integrand. This book provides a proof of this conjecture.

The result itself sheds light on the algebraic structure of conformal anomalies, which appear in many settings in theoretical physics. It also clarifies the geometric significance of the renormalized volume of asymptotically hyperbolic Einstein manifolds. The methods introduced here make an interesting connection between algebraic properties of local invariants—such as the classical Riemannian invariants and the more recently studied conformal invariants—and the study of global invariants, in this case conformally invariant integrals. Key tools used to establish this connection include the Fefferman-Graham ambient metric and the author's super divergence formula.

Spyros Alexakis is assistant professor of mathematics at the University of Toronto.

ANNALS OF MATHEMATICS STUDIES, 182

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

APRIL

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568 pages. 6 x 9.

MATHEMATICS

MUMFORD-TATE GROUPS AND DOMAINS

Their Geometry and Arithmetic

MARK GREEN, PHILLIP A. GRIFFITHS
& MATT KERR

Mumford-Tate groups are the fundamental symmetry groups of Hodge theory, a subject which rests at the center of contemporary complex algebraic geometry. This book is the first comprehensive exploration of Mumford-Tate groups and domains. Containing basic theory and a wealth of new views and results, it will become an essential resource for graduate students and researchers.

Although Mumford-Tate groups can be defined for general structures, their theory and use to date has mainly been in the classical case of abelian varieties. While the book does examine this area, it focuses on the nonclassical case. The general theory turns out to be very rich, such as in the unexpected connections of finite dimensional and infinite dimensional representation theory of real, semisimple Lie groups. The authors give the complete classification of Hodge representations, a topic that should become a standard in the finite-dimensional representation theory of noncompact, real, semisimple Lie groups. They also indicate that in the future, a connection seems ready to be made between Lie groups that admit discrete series representations and the study of automorphic cohomology on quotients of Mumford-Tate domains by arithmetic groups. Bringing together complex geometry, representation theory, and arithmetic, this book opens up a fresh perspective on an important subject.

Mark Green is professor of mathematics at the University of California, Los Angeles and is Director Emeritus of the Institute for Pure and Applied Mathematics.

Phillip A. Griffiths is Professor Emeritus of Mathematics and former director at the Institute for Advanced Study in Princeton. **Matt Kerr** is assistant professor of mathematics at Washington University in St. Louis.

ANNALS OF MATHEMATICS STUDIES, 183

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

MAY

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256 pages. 40 line illus. 6 tables. 7 x 10.

MATHEMATICS

THE EVERETT INTERPRETATION OF QUANTUM MECHANICS

Collected Works 1955–1980 with Commentary

EDITED BY JEFFREY A. BARRETT &
PETER BYRNE

Hugh Everett III was an American physicist best known for his many-worlds interpretation of quantum mechanics, which formed the basis of his PhD thesis at Princeton University in 1957. Although counterintuitive, Everett's revolutionary formulation of quantum mechanics offers the most direct solution to the infamous quantum measurement problem—that is, how and why the singular world of our experience emerges from the multiplicities of alternatives available in the quantum world. The many-worlds interpretation postulates the existence of multiple universes. Whenever a measurement-like interaction occurs, the universe branches into relative states, one for each possible outcome of the measurement, and the world in which we find ourselves is but one of these many, but equally real, possibilities. Everett's challenge to the orthodox interpretation of quantum mechanics was met with scorn from Niels Bohr and other leading physicists, and Everett subsequently abandoned academia to do military operations research. Today, however, Everett's formulation of quantum mechanics is widely recognized as one of the most controversial but promising physical theories of the last century.

Jeffrey Barrett and Peter Byrne present the long and short versions of Everett's thesis along with a collection of his explanatory writings and correspondence. These primary source documents, many of them newly discovered and most unpublished until now, reveal how Everett's thinking evolved from his days as a graduate student to his untimely death in 1982. This definitive volume also features Barrett and Byrne's introductory essays, notes, and commentary that put Everett's extraordinary theory into historical and scientific perspective.

Jeffrey A. Barrett is professor of logic and philosophy of science at the University of California, Irvine.

Peter Byrne is an award-winning investigative reporter and science writer.

JUNE

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978-0-691-14507-5

392 pages. 44 halftones. 6 x 9.

PHYSICS ■ PHILOSOPHY OF SCIENCE

A COMPREHENSIVE, MODERN INTRODUCTION
TO ELECTROMAGNETISM

CLASSICAL ELECTROMAGNETISM IN A NUTSHELL

ANUPAM GARG

“Classical Electromagnetism in a Nutshell is an interesting and elegant book, and an excellent text for a graduate-level course on the subject. Garg has a lively, modern writing style that will engage today’s graduate students.”

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Urbana-Champaign

“Garg’s textbook is truly excellent. It goes the extra mile to provide physical insight in ways that will enhance students’ understanding, and includes rarely seen topics as well. I want to compliment the author on the obvious care and expertise with which he assembled this text. If I were to teach a yearlong graduate-level electromagnetism course, I would use this book.”

—John W. Belcher, Massachusetts Institute
of Technology

This graduate-level physics textbook provides a comprehensive treatment of the basic principles and phenomena of classical electromagnetism. While many electromagnetism texts use the subject to teach mathematical methods of physics, here the emphasis is on the physical ideas themselves. Anupam Garg distinguishes between electromagnetism in vacuum and that in material media, stressing that the core physical questions are different for each. In vacuum, the focus is on the fundamental content of electromagnetic laws, symmetries, conservation laws, and the implications for phenomena such as radiation and light. In material media, the focus is on understanding the response of the media to imposed fields, the attendant constitutive relations, and the phenomena encountered in different types of media such as dielectrics, ferromagnets, and conductors. The text includes applications to many topical subjects, such as magnetic levitation, plasmas, laser beams, and synchrotrons.

Classical Electromagnetism in a Nutshell is ideal for a year-long graduate course and features more than 300 problems, with solutions to many of the advanced ones. Key formulas are given in both SI and Gaussian units along with a discussion of how to convert between them, making the book accessible to adherents of both systems.

- ◆ Offers a complete treatment of classical electromagnetism
- ◆ Emphasizes physical ideas
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- ◆ Presents key formulas in both SI and Gaussian units
- ◆ Covers applications to other areas of physics
- ◆ Includes more than 300 problems

Anupam Garg is professor of physics and astronomy at Northwestern University.

IN A NUTSHELL

MAY

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978-0-691-13018-7

808 pages. 174 line illus. 7 x 10.

PHYSICS

PRESS.PRINCETON.EDU

GLOBAL ENVIRONMENT

Water, Air, and Geochemical Cycles

Second Edition

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ROBERT A. BERNER

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- ◆ Detailed discussion of basic concepts including meteorology, surficial geology (weathering, erosion, and sedimentation), biogeochemistry, limnology, and oceanography

Elizabeth Kay Berner is a lecturer in geology at the University of Connecticut and research affiliate in the Department of Geology and Geophysics at Yale University. **Robert A. Berner** is the Alan M. Bateman Professor of Geology and Geophysics Emeritus at Yale University.

“This book provides a clear, up-to-date summary of geochemical processes across most areas of low-temperature geochemistry, from the point of view of key geochemical cycles. It is detailed and advanced enough to be useful for researchers while offering in-depth knowledge for advanced students.”

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“Describing water and element cycles within a global context, this newly edited and improved textbook contains valuable additional detail and information but also remains true to the strengths of its original scope.”

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MAY

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480 pages. 31 halftones. 116 line illus.
83 tables. 7 x 10.

EARTH SCIENCE ■ GEOCHEMISTRY

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AN ESSENTIAL PRIMER ON
ATMOSPHERIC PROCESSES AND THEIR
IMPORTANT ROLE IN THE CLIMATE SYSTEM

ATMOSPHERE, CLOUDS, AND CLIMATE

DAVID RANDALL

“In this book, one of the leaders of the field condenses a huge amount of climate theory into a very small space. This is done in an informal narrative style with a minimum of equations and other hard technical details, but with a serious dedication to constructing a coherent and logical storyline without glossing over essentials. I have not seen another book like this.”

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“*Atmosphere, Clouds, and Climate* achieves a good balance between intuitive physical reasoning and more formal arguments where necessary. This lucid book gives a tour of the most important atmospheric processes determining climate.”

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The atmosphere is critical to climate change. It can amplify shifts in the climate system, and also mitigate them. This primer offers a short, reader-friendly introduction to these atmospheric processes and how they work, written by a leading expert on the subject.

Giving readers an overview of key atmospheric processes, David Randall looks at how our climate system receives energy from the sun and sheds it by emitting infrared radiation back into space. The atmosphere regulates these radiative energy flows, and also transports energy through weather systems such as thunderstorms, monsoons, hurricanes, and winter storms. Randall explains how these processes work, and also how precipitation, cloud formation, and other phase changes of water strongly influence weather and climate. He discusses how atmospheric feedbacks affect climate change, how the large-scale atmospheric circulation works, how predicting the weather and the climate are fundamentally different challenges, and much more. This is the ideal introduction for students and nonspecialists. No prior experience in atmospheric science is needed, only basic college physics.

Authoritative and concise, *Atmosphere, Clouds, and Climate* features a glossary of terms, suggestions for further reading, and easy-to-follow explanations of a few key equations. This accessible primer is the essential introduction to atmospheric processes and the vital role they play in our climate system.

David Randall is professor of atmospheric science at Colorado State University.

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288 pages. 19 halftones.

21 line illus. 5 tables. 5 x 8.

EARTH SCIENCE ■ CLIMATE SCIENCE

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STRUCTURAL BIOMATERIALS

Third Edition

JULIAN VINCENT

This is a thoroughly revised, updated, and expanded edition of a classic illustrated introduction to the structural materials in natural organisms and what we can learn from them to improve man-made technology—from nanotechnology to textiles to architecture. Julian Vincent's book has long been recognized as a standard work on the engineering design of biomaterials and is used by undergraduates, graduates, researchers, and professionals studying biology, zoology, engineering, and biologically inspired design. This third edition incorporates new developments in the field, the most important of which have been at the molecular level. All of the illustrations have been redrawn, the references have been updated, and a new chapter on biomimetic design has been added.

Vincent emphasizes the mechanical properties of structural biomaterials, their contribution to the lives of organisms, and how these materials differ from man-made ones. He shows how the properties of biomaterials are derived from their chemistry and interactions, and how to measure them. Starting with proteins and polysaccharides, he shows how skin and hair function, how materials self-assemble, and how ceramics such as bone and mother-of-pearl can be so stiff and tough, despite being made in water in benign ambient conditions. Finally, he combines these topics with an analysis of how the design of biomaterials can be adapted in technology, and presents a series of guidelines for designers.

Julian Vincent, a biologist with a long-standing interest in engineering, is Honorary Professor of Biomimetics in the Department of Mechanical Engineering at Bath University and Special Professor in the Faculty of the Built Environment at Nottingham University.

AUGUST

Paper \$60.00S

978-0-691-15400-8

312 pages. 207 line illus.

15 tables. 6 x 9.

BIOLOGY ■ ENGINEERING

PHYSIOLOGICAL ADAPTATIONS FOR BREEDING IN BIRDS

TONY D. WILLIAMS

Physiological Adaptations for Breeding in Birds is the most current and comprehensive account of research on avian reproduction. It develops two unique themes: the consideration of female avian reproductive physiology and ecology, and an emphasis on individual variation in life-history traits. Tony Williams investigates the physiological, metabolic, energetic, and hormonal mechanisms that underpin individual variation in the key female-specific reproductive traits and the trade-offs between these traits that determine variation in fitness.

The core of the book deals with the avian reproductive cycle, from seasonal gonadal development, through egg laying and incubation, to chick rearing. Reproduction is considered in the context of the annual cycle and through an individual's entire life history. The book focuses on timing of breeding, clutch size, egg size and egg quality, and parental care. It also provides a primer on female reproductive physiology and considers trade-offs and carryover effects between reproduction and other life-history stages. In each chapter, Williams describes individual variation in the trait of interest and the evolutionary context for trait variation. He argues that there is only a rudimentary, and in some cases nonexistent, understanding of the physiological mechanisms that underpin individual variation in the major reproductive life-history traits, and that research efforts should refocus on these key unresolved problems by incorporating detailed physiological studies into existing long-term population studies, generating a new synthesis of physiology, ecology, and evolutionary biology.

Tony D. Williams is a professor in the Department of Biological Sciences at Simon Fraser University. He is the author of *The Penguins*.

SEPTEMBER

Cloth \$65.00S

978-0-691-13982-1

344 pages. 1 halftone.

116 line illus. 6 x 9.

BIOLOGY ■ ECOLOGY

THE FIRST BOOK TO ADDRESS
NUTRITION'S COMPLEX ROLE IN BIOLOGY

THE NATURE OF NUTRITION

A Unifying Framework from
Animal Adaptation to Human Obesity

STEPHEN J. SIMPSON &
DAVID RAUBENHEIMER

“This outstanding book provides the first comprehensive theoretical framework for analyzing the roles of nutrition across a huge swath of fields, from ecology and evolution to conservation and human health. *The Nature of Nutrition* is creative and scholarly yet approachable. I know of no other book like it.”

—Bernard J. Crespi, Simon Fraser University

“*The Nature of Nutrition* covers a vast range of issues, from reproduction, immunology, and toxicology to insect migration, population ecology, predator-prey interactions, and ecosystem functioning, as well as applied issues such as conservation biology and human nutritional pathologies. I enjoyed each and every chapter of this excellent book.”

—Kenneth Wilson, Lancaster University

Nutrition has long been considered more the domain of medicine and agriculture than of the biological sciences, yet it touches and shapes all aspects of the natural world. The need for nutrients determines whether wild animals thrive, how populations evolve and decline, and how ecological communities are structured. *The Nature of Nutrition* is the first book to address nutrition's enormously complex role in biology, both at the level of individual organisms and in their broader ecological interactions.

Stephen Simpson and David Raubenheimer provide a comprehensive theoretical approach to the analysis of nutrition—the Geometric Framework. They show how it can help us to understand the links between nutrition and the biology of individual animals, including the physiological mechanisms that determine the nutritional interactions of the animal with its environment, and the consequences of these interactions in terms of health, immune responses, and lifespan. Simpson and Raubenheimer explain how these effects translate into the collective behavior of groups and societies, and in turn influence food webs and the structure of ecosystems. Then they demonstrate how the Geometric Framework can be used to tackle issues in applied nutrition, such as the problem of optimizing diets for livestock and endangered species, and how it can also help to address the epidemic of human obesity and metabolic disease.

Drawing on a wealth of examples from slime molds to humans, *The Nature of Nutrition* has important applications in ecology, evolution, and physiology, and offers promising solutions for human health, conservation, and agriculture.

Stephen J. Simpson is an Australian Research Council Laureate Fellow in the School of Biological Sciences at the University of Sydney. **David Raubenheimer** is professor of nutritional ecology at Massey University in New Zealand.

JULY

Cloth \$49.50S

978-0-691-14565-5

256 pages. 8 color illus. 61 line illus. 6 x 9.

BIOLOGY ■ ECOLOGY

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DARWINIAN AGRICULTURE

How Understanding Evolution Can Improve Agriculture

R. FORD DENISON

As human populations grow and resources are depleted, agriculture will need to use land, water, and other resources more efficiently and without sacrificing long-term sustainability. *Darwinian Agriculture* presents an entirely new approach to these challenges, one that draws on the principles of evolution and natural selection.

R. Ford Denison shows how both biotechnology and traditional plant breeding can use Darwinian insights to identify promising routes for crop genetic improvement and avoid costly dead ends. Denison explains why plant traits that have been genetically optimized by individual selection—such as photosynthesis and drought tolerance—are bad candidates for genetic improvement. Traits like plant height and leaf angle, which determine the collective performance of plant communities, offer more room for improvement. Agriculturalists can also benefit from more sophisticated comparisons among natural communities and from the study of wild species in the landscapes where they evolved.

Darwinian Agriculture reveals why it is sometimes better to slow or even reverse evolutionary trends when they are inconsistent with our present goals, and how we can glean new ideas from natural selection's marvelous innovations in wild species.

R. Ford Denison is adjunct professor of ecology, evolution, and behavior at the University of Minnesota and taught crop ecology at the University of California, Davis.

HARNESSING EVOLUTION FOR
MORE SUSTAINABLE AGRICULTURE

"Darwinian Agriculture is a very important contribution to our understanding of the links between nature and agriculture, and to the future of our human race. Denison underpins his arguments with an incredible wealth of insight and knowledge about plants, animals, physics, chemistry, biology, and ecology. The depth and breadth of scholarship embodied in this book is stunning. I know of nothing else like it."

—Kenneth G. Cassman, University of Nebraska

"I found this book to be tremendously interesting and thought-provoking. *Darwinian Agriculture* should be read by everyone interested in increasing agricultural production in a sustainable way—from biotechnologists to agronomists, and everyone in between."

—Jay A. Rosenheim, University of California, Davis

JULY

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248 pages. 1 halftone. 4 line illus. 6 x 9.

BIOLOGY ■ EVOLUTION

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