Mathematical Sciences
2011

\[(x + y)^3 = x^3 + y^3 + 3xy(x + y)\]
\[(-y)^3 = x^3 - y^3 - 3xy(x - y)\]
\[(x^2 - y^2)^3 = x^3 - y^3 - 3xy(x - y)\]
\[x + (2y)^2 = \]
Dear Readers,

Princeton Global Science (PGS, available here http://princetonglobalscience.org) is a new initiative of Princeton University Press highlighting the work of our authors and their books in addressing the great scientific and technological issues alive in the world today.

On the first and fifteenth of each month we will be featuring on the Princeton Global Science blog a recent PUP author, book, series, or other publication that delivers an important message on scientific research, science policy, or the connection between science and culture.

Inspiring PGS are three separate but related factors:

First, as a publisher of science we are launching PGS in response to calls for greater science literacy both among the general public and in our schools and colleges. PGS will address the need to publicize news of the latest research initiatives conducted in society’s interest, the ongoing integration of the “two cultures” of scientific and humanistic knowledge, and the accelerating penetration of technological innovation in people’s lives and society. PGS will serve as a continuing narrative designed to engage these concerns over time.

Second, we see in PGS an opportunity to unite the full array of our science lists in a single venue for communicating what is new and important on these lists to our readers, reviewers, publishing partners, and to science educators and advocates all over the world. The Press has had a long, continuous, and distinguished history of publishing science since publication of Albert Einstein’s The Meaning of Relativity in 1922. Now, nearly a century later, we are distinctive among American university presses not only for publishing throughout the physical and biological sciences, natural history, mathematics, and cognitive science, but also for our social scientific investigations into science, history of science, and science and public policy. PGS provides us the opportunity to communicate the best of them, emphasizing the whole, not merely the sum of the parts.

Third, the opportunity to reach our audience in countries all over the world is much greater than it has ever been, and we see PGS as a prime opportunity to transmit important information on science and related fields to those engaged in scientific research, education, and writing across the globe.

In the same spirit, we see PGS as a new and constructive element in enriching the greater conversation among our authors and editors as they engage with members of the science media, with booksellers and science policy professionals, and with educators, advocates, and students. We look forward to having members of each of these communities and beyond come to see PGS as a locus for engaging important new science ideas.

We hope you will join us in celebrating the launch of Princeton Global Science.

Peter J. Dougherty
Director

http://princetonglobalscience.org

Cover image from Loving and Hating Mathematics by Reuben Hersh and Vera John-Steiner, page 17.
Weyl group multiple Dirichlet series are generalizations of the Riemann zeta function. Like the Riemann zeta function, they are Dirichlet series with analytic continuation and functional equations, having applications to analytic number theory. By contrast, these Weyl group multiple Dirichlet series may be functions of several complex variables and their groups of functional equations may be arbitrary finite Weyl groups. Furthermore, their coefficients are multiplicative up to roots of unity, generalizing the notion of Euler products. This book proves foundational results about these series and develops their combinatorics.

Ben Brubaker is assistant professor of mathematics at Massachusetts Institute of Technology. Daniel Bump is professor of mathematics at Stanford University. Solomon Friedberg is professor of mathematics at Boston College.

June 2011. 184 pages. 168 line illus. Pa: 978-0-691-15066-6 $49.50 | £34.95 Cl: 978-0-691-15065-9 $85.00 | £59.00

On the Cohomology of Certain Non-Compact Shimura Varieties

Sophie Morel

This book studies the intersection cohomology of the Shimura varieties associated to unitary groups of any rank over Q.

Sophie Morel is a member in the School of Mathematics at the Institute for Advanced Study in Princeton and a research fellow at the Clay Mathematics Institute.

2010. 232 pages. Pa: 978-0-691-14293-7 $39.50 | £27.95 Cl: 978-0-691-14292-0 $75.00 | £52.00

Introduction to Ramsey Spaces

Stevo Todorcevic

Introduction to Ramsey Spaces presents in a systematic way a method for building higher-dimensional Ramsey spaces from basic one-dimensional principles. It is the first book-length treatment of this area of Ramsey theory, and emphasizes applications for related and surrounding fields of mathematics, such as set theory, combinatorics, real and functional analysis, and topology.

Stevo Todorcevic is professor of mathematics at the University of Toronto and holds senior research positions at the CNRS in Paris and SANU in Belgrade.

2010. 296 pages. 12 line illus. Pa: 978-0-691-14542-6 $45.00 | £30.95 Cl: 978-0-691-14541-9 $89.50 | £62.00
FORTHCOMING

A Primer on Mapping Class Groups
Benson Farb & Dan Margalit

The study of the mapping class group Mod(S) is a classical topic that is experiencing a renaissance. It lies at the juncture of geometry, topology, and group theory. This book explains as many important theorems, examples, and techniques as possible, quickly and directly, while at the same time giving full details and keeping the text nearly self-contained. The book is suitable for graduate students.

Benson Farb is professor of mathematics at the University of Chicago. Dan Margalit is assistant professor of mathematics at Georgia Institute of Technology.

June 2011. 400 pages. 115 line illus.  
Cl: 978-0-691-14794-9 $65.00 | £44.95

Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane
Kari Astala, Tadeusz Iwaniec & Gaven Martin

This book explores the most recent developments in the theory of planar quasiconformal mappings with a particular focus on the interactions with partial differential equations and nonlinear analysis.

2009. 696 pages. 2 halftones. 17 line illus.  
Cl: 978-0-691-13777-3 $85.00 | £59.00

FORTHCOMING

Thurston's Work on Surfaces
Albert Fathi, François Laudenbach & Valentin Poénaru
Translated by Djun Kim & Dan Margalit

This book provides a detailed exposition of William Thurston's work on surface homeomorphisms, available here for the first time in English. Based on material of Thurston presented at a seminar in Orsay from 1976 to 1977, it covers topics such as the space of measured foliations on a surface, the Thurston compactification of Teichmüller space, the Nielsen-Thurston classification of surface homeomorphisms, and dynamical properties of pseudo-Anosov diffeomorphisms. Thurston never published the complete proofs, so this text is the only resource for many aspects of the theory.

Conveying the extraordinary richness of Thurston's mathematical insight, this elegant and faithful translation from the original French will be an invaluable resource for the next generation of researchers and students.

Albert Fathi is professor at the École Normale Supérieure de Lyon. François Laudenbach is professor emeritus at the University of Nantes. Valentin Poénaru is professor emeritus at the Université Paris-Sud, Orsay. Djun Kim is a Skylight research associate in mathematics at the University of British Columbia. Dan Margalit is assistant professor of mathematics at Georgia Institute of Technology.

August 2011. 320 pages. 150 line illus.  
Pa: 978-0-691-14735-2 $55.00 | £37.95
NEW PAPERBACK
With a new introduction by Stuart Dreyfus
Dynamic Programming
Richard E. Bellman

This classic book is an introduction to dynamic programming, presented by the scientist who coined the term and developed the theory in its early stages. In Dynamic Programming, Richard Bellman introduces his groundbreaking theory and furnishes a new and versatile mathematical tool for the treatment of many complex problems, both within and outside of the discipline.

Richard E. Bellman (1920–1984) is best known as the father of dynamic programming.

2010. 376 pages. 36 line illus. Pa: 978-0-691-14668-3 $39.50 | £27.95

NEW PAPERBACK
With a new foreword by Robert G. Bland and James B. Orlin
Flows in Networks
L. R. Ford, Jr., & D. R. Fulkerson

Flows in Networks is rich with insights that remain relevant to current research in engineering, management, and other sciences. This landmark work belongs on the bookshelf of every researcher working with networks.

L. R. Ford, Jr., worked as a researcher for both CEIR Inc. and the Rand Corporation before his retirement. D. R. Fulkerson (1924–1976) was a mathematician at the Rand Corporation and, later, Cornell University.

2010. 216 pages. 96 line illus. 1 table. Pa: 978-0-691-14667-6 $29.50 | £20.95

You will find a complete listing of all books in our math series at our Web site: press.princeton.edu/math

JOURNAL
Annals of Mathematics
Edited by Jean Bourgain, David Gabai, Nicholas M. Katz, Peter Sarnak, Yakov Sinai & Gang Tian
Mladen Bestvina, Mark Goresky, Elon Lindenstrauss, Gregory Margulis, Bernd Sturmfels & Horng-Tzer Yau, associate editors

Founded in 1884, this distinguished bimonthly journal of research papers in mathematics is published with the cooperation of Princeton University and the Institute for Advanced Study.

Annual Subscriptions
Individuals: $220.00
Institutions: Print & Electronic: $410.00 | Electronic only: $390
Postal surcharge of $50.00 for international shipping

To Order, Contact
Mathematical Science Publishers
Department of Mathematics
University of California
Berkeley, CA 94720-3840
1-510-643-8638 phone
1-510-295-2608 fax
contact@mathscipub.org

Explore the great scientific and technological issues afoot in the world today: http://princetonglobalscience.org
FORTHCOMING

Totally Nonnegative Matrices
Shaun M. Fallat & Charles R. Johnson

“This book is a valuable new reference on the subject of totally nonnegative matrices and its insights will be much appreciated by a broad community of readers interested in matrix theory and its applications.”
—Charles Micchelli, City University of Hong Kong and State University of New York, Albany

Totally nonnegative matrices arise in a remarkable variety of mathematical applications. This book is a comprehensive and self-contained study of the essential theory of totally nonnegative matrices, defined by the nonnegativity of all subdeterminants. It explores methodological background, historical highlights of key ideas, and specialized topics.

Shaun M. Fallat is professor of mathematics and statistics at the University of Regina. Charles R. Johnson is the Class of 1961 Professor of Mathematics at the College of William & Mary.

June 2011. 264 pages. 21 line illus. 3 tables.
Cl: 978-0-691-12157-4 $45.00 | £30.95

FORTHCOMING

Modern Anti-windup Synthesis
Luca Zaccarian & Andrew R. Teel

“This book goes a long way toward providing comprehensive coverage of systematic procedures for anti-windup synthesis, emphasizing algorithmic issues and modern design techniques.”
—Prodromos Daoutidis, University of Minnesota

This book provides a wide variety of state-space–based numerical algorithms for the synthesis of feedback algorithms for linear systems with input saturation. Specifically, it addresses and solves the anti-windup problem, presenting the objectives and terminology of the problem, the mathematical tools behind anti-windup algorithms, and more than twenty algorithms for anti-windup synthesis, illustrated with examples.

Luca Zaccarian is associate professor of control engineering at the University of Rome, Tor Vergata. Andrew R. Teel is a professor in the Electrical and Computer Engineering Department at the University of California, Santa Barbara.

August 2011. 304 pages. 6 halftones. 135 line illus. 5 tables.
Cl: 978-0-691-14732-1 $69.50 | £48.95

NEW

Graph Theoretic Methods in Multiagent Networks
Mehran Mesbahi & Magnus Egerstedt

“This well-organized book is an extensive and complete introduction to graph theoretic methods in the context of multiagent and multivehicle cooperative networks. The presentation of the material is elegant and in addition to basic results, the book includes new topics not commonly found in the literature. Ideal for graduate students and researchers, the book represents a significant contribution to the emerging field of cooperative control and consensus.”
—Randy Beard, Brigham Young University

Mehran Mesbahi is associate professor of aeronautics and astronautics at the University of Washington. Magnus Egerstedt is associate professor of electrical and computer engineering at Georgia Institute of Technology.

2010. 424 pages. 50 line illus.
Cl: 978-0-691-14061-2 $59.50 | £41.95

To receive notices about new books, subscribe for email at press.princeton.edu/subscribe

Princeton Series in Applied Mathematics
Ingrid Daubechies, Weinan E, Jan Karel Lenstra & Endre Süli, editors
Prime-Detecting Sieves
Glyn Harman

“This book provides a very nice introduction to a very active and important area of research.”
—S. W Graham, Mathematical Reviews

2007. 384 pages. 10 line illus. 9 tables.
Cl: 978-0-691-12437-7 $78.50 | £55.00

The Geometry and Topology of Coxeter Groups
Michael W. Davis

“I strongly recommend this book to anybody who has any interest in geometric group theory.”
—Ralf Gramlich, Mathematical Reviews

2007. 600 pages. 31 line illus. 3 tables.
Cl: 978-0-691-13138-2 $92.50 | £64.00

NEW
Log-Gases and Random Matrices
Peter J. Forrester

“Encyclopedic in scope, this book achieves an excellent balance between the theoretical and physical approaches to the subject.”
—Eduardo Dueñez, University of Texas, San Antonio

2010. 808 pages.
Cl: 978-0-691-12829-0 $99.50 | £69.95

Matrices, Moments and Quadrature with Applications
Gene H. Golub & Gérard Meurant

This computationally oriented book describes and explains the mathematical relationships among matrices, moments, orthogonal polynomials, quadrature rules, and the Lanczos and conjugate gradient algorithms.

2010. 376 pages. 88 line illus. 135 tables.
Cl: 978-0-691-14341-5 $65.00 | £44.95

ROBUST OPTIMIZATION
Aharon Ben-Tal, Laurent El Ghaoui & Arkadi Nemirovski

2009. 568 pages. 36 line illus. 41 tables.
Cl: 978-0-691-14368-2 $65.00 | £44.95

Control Theoretic Splines
Optimal Control, Statistics, and Path Planning
Magnus Egerstedt & Clyde Martin

“[W]ell organized and nicely written. Reading it was quite enjoyable.”
—Zhimin Zhang, Wayne State University

2010. 232 pages. 31 line illus.
Cl: 978-0-691-13296-9 $49.50 | £34.95

Distributed Control of Robotic Networks
A Mathematical Approach to Motion Coordination Algorithms
Francesco Bullo, Jorge Cortés & Sonia Martínez

“The authors … do a fantastic job of providing the mathematical insight necessary for such complex problems.”
—Ali Jadbabaie, University of Pennsylvania

2009. 336 pages. 76 line illus.
Cl: 978-0-691-14195-4 $49.50 | £34.95
Princeton Graduate and Undergraduate Textbooks

The following books were written specifically for courses. Throughout the catalog you will find other books that are also suitable for class adoption. They are identified by TEXT. Professors who wish to consider a book from this catalog for course use may request an examination copy. For more information please visit: press.princeton.edu/class.html.

FORTHCOMING

Discrete and Computational Geometry
Satyan L. Devadoss & Joseph O’Rourke

“This book is ideal for people who want to learn about the topic without wading too deeply into technical details. I really like the figures, and the writing style is very nice for students, with frequent jumps into exercises. The book favors topics that are intuitive, engaging, and easily grasped. It could form the basis of an excellent undergraduate-level course for students in computer science, applied mathematics, and pure mathematics.”
—Samir Khuller, University of Maryland

Discrete and Computational Geometry offers a comprehensive yet accessible introduction to this cutting-edge frontier of mathematics and computer science.

Satyan L. Devadoss is associate professor of mathematics at Williams College. Joseph O’Rourke is the Olin Professor of Computer Science and professor of mathematics at Smith College.

May 2011. 280 pages. 182 color illus. 4 line illus. 7 tables.
Cl: 978-0-691-14553-2 $49.50 | £34.95

FORTHCOMING

Numerical Analysis
L. Ridgway Scott

“This is a strong text, one that is both modern and provides historical perspective.”
—Benjamin Fearing Akers, University of Illinois at Chicago

Computational science is fundamentally changing how technological questions are addressed. The design of aircraft, automobiles, and even racing sailboats is now done by computational simulation. The mathematical foundation of this new approach is numerical analysis, which studies algorithms for computing expressions defined with real numbers. Emphasizing the theory behind the computation, this book provides a rigorous and self-contained introduction to numerical analysis and presents the advanced mathematics that underpin industrial software, including complete details that are missing from most textbooks.

L. Ridgway Scott is the Louis Block Professor of Mathematics and Computer Science at the University of Chicago.

June 2011. 360 pages. 33 line illus. 11 tables.
Cl: 978-0-691-14686-7 $65.00 | £44.95
FORTHCOMING

**Viewpoints**  
Mathematical Perspective and Fractal Geometry in Art  
Marc Frantz & Annalisa Crannell

“This entire book is a thing of beauty: the mathematics, the visual art, the writing, the exercises, and the organization. The authors’ passion and excitement for their subject matter is apparent on every page. I am in awe.”  
—Robert Bosch, Oberlin College

An undergraduate textbook devoted exclusively to relationships between mathematics and art, *Viewpoints* is ideally suited for math-for-liberal-arts courses and mathematics courses for fine arts majors.

Marc Frantz teaches mathematics at Indiana University, Bloomington, where he is a research associate. Annalisa Crannell is professor of mathematics at Franklin & Marshall College.

August 2011. 208 pages. 12 color illus. 50 halftones. 150 line illus.  
Cl: 978-0-691-12592-3 $45.00 | £30.95

NEW

**Steady Aircraft Flight and Performance**  
N. Harris McClamroch

“Steady Aircraft Flight and Performance is very well written, and it contains many useful figures and illustrations. The level of presentation is readily accessible to its intended audience—undergraduate students in aerospace engineering—and the numerous examples and problems help solidify the concepts presented in the book.”  
—Robert F. Stengel, Princeton University

N. Harris McClamroch is professor of aerospace engineering at the University of Michigan.

2011. 416 pages. 23 halftones. 70 line illus.  
Cl: 978-0-691-14719-2 $65.00 | £44.95

NEW—SECOND EDITION

**Quantum Field Theory in a Nutshell**  
A. Zee

“A beautiful exposition of the way modern field theorists think about quantum field theory, packed with insights and physical intuition.”  
—Nima Arkani-Hamed, Institute for Advanced Study

A. Zee is professor of physics and a permanent member of the Kavli Institute for Theoretical Physics at the University of California, Santa Barbara.

In a Nutshell

2010. 608 pages. 95 line illus.  
Cl: 978-0-691-14034-6 $65.00 | £44.95

NEW

**Physics and Technology for Future Presidents**  
An Introduction to the Essential Physics Every World Leader Needs to Know  
Richard A. Muller

“To make wise decisions, not only future presidents, but future business and community leaders, and thoughtful citizens generally, need the information in this book.”  
—Frank Wilczek, Nobel Prize–winning physicist

Richard A. Muller is professor of physics at the University of California, Berkeley.

2010. 536 pages. 136 color illus. 13 tables.  
Cl: 978-0-691-13504-5 $49.50 | £34.95

Solutions Manual available is indicated by 📖. Visit press.princeton.edu/class_use/solutions.html
Introduction to Differential Equations with Dynamical Systems
Stephen L. Campbell & Richard Haberman

“These two experienced applied mathematicians have sought to provide an easy-to-read introduction to differential equations for typical students…. The writing is clear and well illustrated.”
—Robert E. O’Mally, Jr., SIAM Review

“Introduction to Differential Equations with Dynamical Systems is directed towards students. This concise and up-to-date textbook addresses the challenges that undergraduate mathematics, engineering and science students experience during a first course on differential equations.”
—L’Enseignement Mathematique

2008. 448 pages. 150 line illus. 978-0-691-12474-2 $95.00 | £65.00
Not for sale in South Asia

Feedback Systems
An Introduction for Scientists and Engineers
Karl Johan Åström & Richard M. Murray

 “[T]his is a refreshing text which is delightful to read, and which even experts in the area may find a valuable resource for its diverse applications.”
—Mathias Kawski, Mathematical Reviews

2008. 408 pages. 24 halftones. 183 line illus. 5 tables. 978-0-691-13576-2 $52.50 | £36.95
Not for sale in South Asia

Linear Systems Theory
João P. Hespanha

“This book provides a sound basis for an excellent course on linear systems theory. It covers a breadth of material in a fast-paced and mathematically focused way. It can be used by students wishing to specialize in this subject, as well as by those interested in this topic generally.”
—Geir E. Dullerud, University of Illinois, Urbana-Champaign

2009. 280 pages. 42 line illus. 3 tables. 978-0-691-14021-6 $59.95 | £41.95

Probability, Markov Chains, Queues, and Simulation
The Mathematical Basis of Performance Modeling
William J. Stewart

“This is an excellent book on the topics of probability, Markov chains, and queuing theory. Extremely well-written, the contents range from elementary topics to quite advanced material and include plenty of well-chosen examples.”
—Adarsh Sethi, University of Delaware

2009. 776 pages. 175 line illus. 978-0-691-14062-9 $80.00 | £55.00

Solutions Manual available is indicated by . Visit press.princeton.edu/class_use/solutions.html
Algebraic Geometry in Coding Theory and Cryptography
Harald Niederreiter & Chaoping Xing

“This is a beautifully written volume that gives the necessary background to read the research literature on coding and cryptography based on concepts from curves in algebraic geometries. Both of the authors are outstanding researchers, well known for the clarity and depth of their contributions.”
—Ian F. Blake, University of British Columbia

2009. 272 pages. Cl: 978-0-691-10288-7 $45.00 | £30.95

An Invitation to Modern Number Theory
Steven J. Miller & Ramin Takloo-Bighash

“I would highly recommend this book to anybody interested in number theory, from an undergraduate student to an established expert.”
—Igor Shparlinski, SIAM Review

2006. 528 pages. 20 line illus. Cl: 978-0-691-12060-7 $67.50 | £46.95

Stability and Stabilization
An Introduction
William J. Terrell

“This book is a pleasant surprise. William Terrell selects and presents the field’s key results in a fresh and unbiased way.”
—Miroslav Krstic, University of California, San Diego

2009. 480 pages. 14 line illus. Cl: 978-0-691-13444-4 $70.00 | £48.95

Topics in Mathematical Modeling
K. K. Tung

“A wonderful source book for all kinds of undergraduate mathematical activities.”
—Chris Howls, Times Higher Education

2007. 336 pages. 31 halftones. 52 line illus. 5 tables. Cl: 978-0-691-11642-6 $57.50 | £39.95

The Calculus Lifesaver
All the Tools You Need to Excel at Calculus
Adrian Banner

“The Calculus Lifesaver is a welcome addition to the arsenal of calculus teaching aids.”
—MAA Online

A Princeton Lifesaver Study Guide

2007. 752 pages. 350 line illus. Pa: 978-0-691-13088-0 $24.95 | £16.95

Nonlinear Optimization
Andrzej Ruszczynski

“This is one of the best textbooks on nonlinear optimization I know.”
—Stephan Dempe, Zentralblatt MATH

2006. 464 pages. 35 line illus. Cl: 978-0-691-11915-1 $72.50 | £50.00

Honors Calculus
Charles R. MacCluer

“MacCluer’s book … is calculus ’done right.’ … This is a book that will allow the instructor to build a fascinating course in a variety of different ways.”
—Steven G. Krantz, UMAP Journal

2006. 184 pages. 38 line illus. Cl: 978-0-691-12533-6 $45.00 | £30.95
Scientific Parallel Computing
L. Ridgway Scott, Terry Clark & Babak Bagheri

“[A] thorough treatment of the foundational and advanced principles of parallel computing.”
—Choice

2005. 392 pages. 75 line illus. 
Cl: 978-0-691-11935-9 $67.50 | £46.95
Not for sale in South Asia

A Survey of Computational Physics
Introductory Computational Science
Rubin H. Landau, Manuel José Páez & Cristian C. Bordeianu

“This volume offers everything needed for a graduate or undergraduate computational physics course.”
—Choice

2008. 688 pages. 190 line illus. 
Cl: 978-0-691-13137-5 $75.00 | £52.00
Not for sale in South Asia

Princeton Lectures in Analysis
Elias M. Stein & Rami Shakarchi

“We are all fortunate that a mathematician with the experience and vision of E. M. Stein, together with his energetic young collaborator R. Shakarchi, has given us this series…. They are enriching and fulfilling—truly a valuable and important read.”
—Steven George Krantz, Mathematical Reviews

Fourier Analysis
An Introduction
2003. 320 pages. 40 line illus. 
Cl: 978-0-691-11384-5 $62.50 | £43.95

Complex Analysis
2003. 400 pages. 64 line illus. 
Cl: 978-0-691-11385-2 $67.50 | £46.95

Real Analysis
Measure Theory, Integration, and Hilbert Spaces
2005. 392 pages. 51 line illus. 
Cl: 978-0-691-11386-9 $72.50 | £50.00
Not for sale in South Asia

Solutions Manual available is indicated by 📖. Visit press.princeton.edu/class_use/solutions.html
NEW
Numerical Algorithms for Personalized Search in Self-organizing Information Networks
Sep Kamvar

“Kamvar helped establish a foundation for P2P search and this book provides an authoritative record and source for his excellent work in this area.”
—Andrew Tomkins, Google

Sep Kamvar is a consulting assistant professor of computational mathematics at Stanford University.

2010. 160 pages. 55 line illus. 11 tables. Cl: 978-0-691-14503-7 $45.00 | £30.95

NEW
Numerical Methods for Stochastic Computations
A Spectral Method Approach
Dongbin Xiu

Ideal for use by graduate students and researchers both in the classroom and for self-study, Numerical Methods for Stochastic Computations provides the required tools for in-depth research related to stochastic computations.

Dongbin Xiu is associate professor of mathematics at Purdue University.

2010. 144 pages. 24 line illus. Cl: 978-0-691-14212-8 $45.00 | £30.95

FORTHCOMING
Validated Numerics
A Short Introduction to Rigorous Computations
Warwick Tucker

“Validated Numerics contains introductory material on interval arithmetic and rigorous computations that is easily accessible to students with little background in mathematics and computer programming. I am not aware of any other book like it. The exercises and computer labs make it ideal for the classroom, and the references offer a good starting point for readers trying to gain deeper knowledge in this area.”
—Zbigniew Galias, AGH University of Science and Technology, Kraków

Warwick Tucker is associate professor of mathematics and principal investigator for the Computer-Aided Proofs in Analysis (CAPA) Group at Uppsala University in Sweden.

July 2011. 240 pages. 41 line illus. 18 tables. Cl: 978-0-691-14781-9 $45.00 | £30.95

Connect with us on Twitter @princetonupress & Facebook @PrincetonUniversityPress
NEW

Adaptive Control of Parabolic PDEs
Andrey Smyshlyaev & Miroslav Krstic

“Unique and excellent, this book systematically and rigorously develops design and analysis tools and clearly explains technical concepts. As the first book to cover its topics, it significantly expands the scope of adaptive control knowledge.”

—Gang Tao, University of Virginia

Andrey Smyshlyaev is assistant project scientist at the University of California, San Diego. Miroslav Krstic is the Sorenson Distinguished Professor and the founding director of the Cymer Center for Control Systems and Dynamics at the University of California, San Diego.

2010. 344 pages. 51 line illus.
Cl: 978-0-691-14286-9 $55.00 | £37.95

NEW

The Calculus of Selfishness
Karl Sigmund

“Karl Sigmund helped conceive the field of evolutionary game theory and has dominated it for over thirty years. With The Calculus of Selfishness, he has written a highly engaging and captivating book for students and experts who want to learn about one of the most fascinating fields of science. When it comes to Karl Sigmund we are all students. This book is written for you and me.”

—Martin Nowak, Harvard University

Karl Sigmund is professor of mathematics at the University of Vienna.

2010. 184 pages. 51 line illus.
Cl: 978-0-691-14275-3 $35.00 | £24.95

NEW

Nonnegative and Compartmental Dynamical Systems
Wassim M. Haddad, VijaySekhar Chellaboina & Qing Hui

This comprehensive book provides the first unified framework for stability and dissipativity analysis and control design for nonnegative and compartmental dynamical systems. Using the highest standards of exposition and rigor, the authors explain these systems and advance the state of the art in their analysis and active control design.

Wassim M. Haddad is professor in the School of Aerospace Engineering at Georgia Institute of Technology. VijaySekhar Chellaboina works for Tata Consultancy Services in Hyderabad, India. Qing Hui is assistant professor in the Department of Mechanical Engineering at Texas Tech University.

2010. 624 pages. 88 line illus. 4 tables.
Cl: 978-0-691-14411-5 $85.00 | £59.00

One of Choice’s Outstanding Academic Titles for 2009

The Princeton Companion to Mathematics
Edited by Timothy Gowers
June Barrow-Green & Imre Leader, associate editors

“One in a while a book comes along that should be on every mathematician’s bookshelf. This is such a book.”

—Robin Wilson, London Mathematical Society

2008. 1056 pages. 20 halftones. 160 line illus.
Cl: 978-0-691-11880-2 $99.00 | £68.00
NEW

The Global Carbon Cycle
David Archer

“Fossil-fuel carbon is our dangerous treasure. David Archer brilliantly and lucidly provides the essential background on Earth’s carbon cycle that we need to make wise decisions about future use.”
—Richard B. Alley, Pennsylvania State University

David Archer is professor of geophysical sciences at the University of Chicago.

NEW

How Did the First Stars and Galaxies Form?
Abraham Loeb

“A lucid, concise account of our current understanding of how light burst from darkness when the first stars and galaxies formed early in the expansion of the universe. Starting from basic physical principles, Loeb describes the physical processes that shaped the evolution of the universe, how they led to the formation of the first black holes, quasars, and gamma-ray bursts, and how upcoming observations will test these ideas.”
—Christopher F. McKee, University of California, Berkeley

Abraham Loeb is professor of astronomy and director of the Institute for Theory and Computation at Harvard University.

NEW

What Are Gamma-Ray Bursts?
Joshua S. Bloom

“This is a marvelous book. It contains the new results from the fast-developing science of gamma-ray-burst astronomy along with its fascinating history. I recommend it as a good introduction for nonexperts and a fun read for researchers in the field.”
—Neil Gehrels, NASA Goddard Space Flight Center

Joshua S. Bloom is associate professor of astronomy at the University of California, Berkeley.
Modeling with Data
Tools and Techniques for Scientific Computing
Ben Klemens
2008. 472 pages. 35 line illus. 16 tables.
Cl: 978-0-691-13314-0 $72.50 | £50.00

NEW
An Introduction to Methods and Models in Ecology, Evolution, and Conservation Biology
Edited by Stanton Braude & Bobbi S. Low
2010. 288 pages. 72 halftones. 12 line illus. 80 tables.
Pa: 978-0-691-12724-8 $29.95 | £20.95
Cl: 978-0-691-12723-1 $65.00 | £44.95

One of Choice’s Outstanding Academic Titles for 2004
Winner of the 2003 Award for Best Professional/Scholarly Book in Mathematics and Statistics, Association of American Publishers
John A. Adam, Winner of the 2007 Virginia Outstanding Faculty Award, State Council of Higher Education for Virginia

Mathematics in Nature
Modeling Patterns in the Natural World
John A. Adam
2006. 416 pages. 24 color illus. 84 line illus. 9 tables.
Pa: 978-0-691-12796-5 $29.95 | £20.95
Not for sale in South Asia

NEW
Ant Encounters
Interaction Networks and Colony Behavior
Deborah M. Gordon
2010. 184 pages. 2 halftones. 1 line illus.
Pa: 978-0-691-13879-4 $19.95 | £13.95

“This Deborah Gordon has produced a delightful and scholarly introduction to ant colony organization that teaches as it entertains. Building on decades of observation, experimentation, and simulation, she convincingly demonstrates that ants form self-organized communities, in which individual tasks change dynamically as conditions and interaction networks shift.”
—Simon A. Levin, Princeton University
Deborah M. Gordon is professor of biology at Stanford University.

NEW
Diversity and Complexity
Scott E. Page
2010. 304 pages. 19 line illus. 26 tables.
Pa: 978-0-691-13767-4 $19.95 | £13.95

This book provides an introduction to the role of diversity in complex adaptive systems. Diversity plays a different role in a complex system than it does in an equilibrium system, where it often merely produces variation around the mean for performance measures. In complex adaptive systems, diversity makes fundamental contributions to system performance.

Scott E. Page is the Leonid Hurwicz Collegiate Professor of Complex Systems, Political Science, and Economics at the University of Michigan and an external faculty member at the Santa Fe Institute.
NEW PAPERBACK—THIRD EDITION
The Crest of the Peacock
Non-European Roots of Mathematics
George Gheverghese Joseph

Praise for Princeton’s previous editions:
“Enthralling…. After reading it, we cannot see the past in the same comforting haze of age-old stories, faithfully and uncritically retold from teacher to pupil down the years…. Invaluable for mathematics teachers at all levels.”
—New Scientist

George Gheverghese Joseph was born in Kerala, India, grew up in Mombasa, Kenya, and completed his degrees in England. He has worked in various occupations that have taken him to places all over the world.

2010. 592 pages. 6 halftones. 164 line illus. 18 tables. 6 maps.
Pa: 978-0-691-13526-7 $29.95 | £20.95

NEW
How to Read Historical Mathematics
Benjamin Wardhaugh

“What Wardhaugh does exceptionally well is to break the ice for readers interested in the subject. He does this largely by training readers to ask insightful questions when they read a historical text.”
—Sol Lederman, Wild About Math

Writings by early mathematicians feature language and notations that are quite different from what we’re familiar with today. Sourcebooks on the history of mathematics provide some guidance, but what has been lacking is a guide tailored to the needs of readers approaching these writings for the first time. How to Read Historical Mathematics fills this gap by introducing readers to the analytical questions historians ask when deciphering historical texts.

Benjamin Wardhaugh is a postdoctoral research fellow at All Souls College, University of Oxford.

2010. 136 pages. 5 halftones.
Cl: 978-0-691-14014-8 $22.95 | £15.95

One of Choice’s Outstanding Academic Titles for 2009
Plato’s Ghost
The Modernist Transformation of Mathematics
Jeremy Gray

“I can certainly recommend Plato’s Ghost highly as a rich resource and point of departure for readers who want to learn more about this exciting period in the development of modern mathematics.”
—Solomon Feferman, American Scientist

2008. 528 pages. 25 halftones. 11 line illus.
Cl: 978-0-691-13610-3 $46.95 | £32.95
The Mathematics of the Heavens and the Earth
The Early History of Trigonometry
Glen Van Brummelen
“Fans of the history of mathematics will be richly rewarded by this exhaustively researched book.”
—Mathematics Teacher
2009. 352 pages. 16 halftones. 109 line illus. 1 table.
Cl: 978-0-691-12973-0 $42.00 | £28.95

Mathematicians Fleeing from Nazi Germany
Individual Fates and Global Impact
Reinhard Siegmund-Schultze
“This is an excellent book.”
—Karen Parshall, University of Virginia
2009. 504 pages. 59 halftones. 3 tables.
Pa: 978-0-691-14041-4 $49.50 | £34.95
Cl: 978-0-691-12593-0 $90.00 | £62.00

Mathematicians under the Nazis
Sanford L. Segal
“The strength of the book lies in its many individual stories and case histories.”
—Economist
2003. 568 pages. 22 halftones. 11 tables.
Cl: 978-0-691-00451-8 $90.00 | £62.00

Mathematics in Ancient Iraq
A Social History
Eleanor Robson
“The wealth of detail and breadth of scope make this an excellent resource.”
—Duncan J. Melville, Historia Mathematica
2008. 472 pages. 24 halftones. 51 line illus. 60 tables.
Cl: 978-0-691-09182-2 $52.50 | £36.95

Mathematics in India
Kim Plofker
“Kim Plofker’s book fulfil[s] an important need in a world where mathematical historiography has been shaped by the dominance of the Greco-Christian view and the Enlightenment period.”
—Pervez Hoodbhoy, Nature
2009. 360 pages. 7 halftones. 34 line illus. 9 tables.
Cl: 978-0-691-12067-6 $42.00 | £28.95

The Mathematics of Egypt, Mesopotamia, China, India, and Islam
A Sourcebook
Edited by Victor J. Katz
Section Authors: Annette Imhausen, Eleanor Robson, Joseph W. Dauben, Kim Plofker & J. Lennart Berggren
“An essential resource for anyone wishing to know more about how the mathematics of the different regions influenced and shaped the development of world mathematics.”
—George Gheverghese Joseph, Nature
Cl: 978-0-691-11485-9 $78.50 | £55.00

One of Choice’s Outstanding Academic Titles for 2009
Honorable Mention, 2009 British-Kuwait Friendship Society Prize in Middle Eastern Studies, British Society for Middle Eastern Studies
NEW

Loving and Hating Mathematics
Challenging the Myths of Mathematical Life
Reuben Hersh & Vera John-Steiner

“This is a book for everyone who ever loved or hated mathematics. It shows mathematics as it really is: emotional, imaginative, beautiful, terrifying, deeply spiritual, metaphorical, and very political—anything but the dry, computational, right-or-wrong manipulation of symbols that is all too often taught as 'mathematics.'”
—George Lakoff, University of California, Berkeley

Mathematics is often thought of as the coldest expression of pure reason. But few subjects provoke hotter emotions—and inspire more love and hatred—than mathematics. And although math is frequently idealized as floating above the messiness of human life, its story is nothing if not human; often, it is all too human. Loving and Hating Mathematics is about the hidden human, emotional, and social forces that shape mathematics and affect the experiences of students and mathematicians.

Reuben Hersh is professor emeritus of mathematics at the University of New Mexico. Vera John-Steiner is professor emerita of linguistics and education at the University of New Mexico.

FORTHCOMING

The Silicon Jungle
A Novel of Deception, Power, and Internet Intrigue
Shumeet Baluja

“At last, computer science has its equivalent to Scott Turow. Shumeet Baluja not only tells a compelling story, but as an expert in data mining, he also knows his stuff. His story shows how powerful and far-reaching modern search technology can be, and hence, potentially dangerous if not properly controlled. A techno-thriller with a disturbing message.”
—Keith Devlin, author of The Unfinished Game: Pascal, Fermat, and the Seventeenth-Century Letter that Made the World Modern

Set in today’s cutting-edge data mining industry, The Silicon Jungle is a cautionary tale of data mining’s promise and peril, and how others can use our online activities for political and personal gain just as easily as for marketing and humanitarian purposes.

Shumeet Baluja is a senior staff research scientist at Google.
NEW
With a foreword by William P. Thurston
The Best Writing on Mathematics
2010
Edited by Mircea Pitici

“A delight to read. This is a fine volume with lots of terrific articles that are as enticing as they are varied. The sum total is simply great.”
—Barry Mazur, Harvard University

This anthology brings together the year’s finest writing on mathematics from around the world. Featuring promising new voices alongside some of the foremost names in mathematics, *The Best Writing on Mathematics 2010* makes available to a wide audience many articles not easily found anywhere else—and you don’t need to be a mathematician to enjoy them. These writings offer surprising insights into the nature, meaning, and practice of mathematics today. They delve into the history, philosophy, teaching, and everyday occurrences of math, and take readers behind the scenes of today’s hottest mathematical debates. Here readers will discover why Freeman Dyson thinks some mathematicians are birds while others are frogs; why Keith Devlin believes there’s more to mathematics than proof; what Nick Paumgarten has to say about the timing patterns of New York City’s traffic lights (and why jaywalking is the most mathematically efficient way to cross Sixty-sixth Street); what Samuel Arbesman can tell us about the epidemiology of the undead in zombie flicks; and much, much more.

Mircea Pitici is a PhD candidate in mathematics education at Cornell University. He teaches mathematics courses and writing seminars at Cornell and Ithaca College.

**The Best Writing on Mathematics**
2011. 440 pages. 28 halftones.
Pa: 978-0-691-14841-0 $19.95 | £13.95

Connect with us on Twitter @princetonupress
& Facebook @PrincetonUniversityPress

FORTHCOMING
The Blind Spot
Science and the Crisis of Uncertainty
William Byers

“Byers has taken on a tremendously challenging task, one so daunting that it is hardly conceivable that it could be accomplished. *The Blind Spot* represents a serious advance, which in itself is very important and impressive.”
—Reuben Hersh, National Book Award–winning coauthor of *The Mathematical Experience*

In today’s unpredictable and chaotic world, we look to science to provide certainty and answers—and often blame it when things go wrong. *The Blind Spot* reveals why our faith in scientific certainty is a dangerous illusion, and how only by embracing science’s inherent ambiguities and paradoxes can we truly appreciate its beauty and harness its potential.

William Byers is professor emeritus of mathematics and statistics at Concordia University in Montreal.

May 2011. 224 pages. 2 halftones. 3 line illus.
Cl: 978-0-691-14684-3 $24.95 | £16.95

Also by William Byers
NEW PAPERBACK
How Mathematicians Think
Using Ambiguity, Contradiction, and Paradox to Create Mathematics

“Ambitious, accessible and provocative…. Everyone should read Byers.”
—Donal O’Shea, *Nature*

2010. 424 pages. 6 halftones. 48 line illus.
Pa: 978-0-691-14599-0 $24.95 | £16.95
Cl: 978-0-691-12738-5 $45.00 | £30.95
NEW
What’s Luck Got to Do with It?
The History, Mathematics, and Psychology of the Gambler’s Illusion
Joseph Mazur

“In What's Luck Got to Do With It?, mathematician Joseph Mazur explores these misconceptions, taking the reader on an entertaining and accessible tour of the history of gambling, the way mathematicians quantify luck and the psychology that keeps gamblers returning to the table. A book worth taking a chance on.”
—New Scientist

Why do so many gamblers risk it all when they know the odds of winning are against them? Why do they believe dice are “hot” in a winning streak? Why do we expect heads on a coin toss after several flips have turned up tails? What’s Luck Got to Do with It? takes a lively and eye-opening look at the mathematics, history, and psychology of gambling to reveal the most widely held misconceptions about luck.

Joseph Mazur is professor emeritus of mathematics at Marlboro College.

2010. 296 pages. 35 halftones. 10 line illus. 12 tables.
Cl: 978-0-691-13890-9 $29.95 | £20.95

NEW
Numbers Rule
The Vexing Mathematics of Democracy, from Plato to the Present
George G. Szpiro

“[E]ngaging storytelling…. [F]or a reader who is primarily interested in learning some of the historical context of the characters who have contributed to the mathematics of social choice theory, it is hard to imagine a better book.”
—Darren Glass, MAA Reviews

George G. Szpiro, PhD, covers Israel and the Middle East for the Swiss daily newspaper Neue Zürcher Zeitung, for which he also writes an award-winning monthly column on mathematics.

2010. 240 pages. 21 tables.
Cl: 978-0-691-13994-4 $26.95 | £18.95

NEW
On Fact and Fraud
Cautionary Tales from the Front Lines of Science
David Goodstein

“Physicist David Goodstein asks why some scientists are driven to misrepresent results. His book On Fact and Fraud uses well-known cases to look at how science is conducted and to remind us that not all ‘fraudulent’ scientists are guilty.”
—Joanne Baker and Sara Abdulla, Nature

David Goodstein is the Frank J. Gilloon Distinguished Teaching and Service Professor in the Department of Physics at the California Institute of Technology.

2010. 184 pages. 22 halftones.
Cl: 978-0-691-13966-1 $22.95 | £15.95

To receive notices about new books, subscribe for email at press.princeton.edu/subscribe
The Little Book of String Theory
Steven S. Gubser

"The Little Book of String Theory by theoretical physicist Steven Gubser puts into words the abstract maths of some of the most challenging areas of physics, from energy and quantum mechanics to branes, supersymmetry and multiple dimensions."
—Nature

Steven S. Gubser is professor of physics at Princeton University.

The Great Ocean Conveyor
Discovering the Trigger for Abrupt Climate Change
Wally Broecker

"In The Great Ocean Conveyor, the great Wally Broecker, dean of climate scientists, skillfully mixes history and science to provide the essential description of how he solved the mystery of the abrupt climate jumps of the past."
—Richard B. Alley, Pennsylvania State University

Wally Broecker is the Newberry Professor of Earth and Environmental Sciences at Columbia University.

Strange New Worlds
The Search for Alien Planets and Life beyond Our Solar System
Ray Jayawardhana

"Jayawardhana brings the latest cutting-edge science to all those astounding science-fictional visions of alien worlds, showing us that the universe is every bit as exciting as the masters of science fiction have always claimed."
—Robert J. Sawyer, Hugo Award—winning author of Wake, Watch, and Wonder

Ray Jayawardhana is professor and Canada Research Chair in Observational Astrophysics at the University of Toronto.

How Old Is the Universe?
David A. Weintraub

"How old is the universe? Centuries of speculation and research have culminated in a precise answer to this fundamental question. Weintraub presents the story of this major triumph of astronomy in a masterful style, rich with authoritative details and everyday analogies, illustrating along the way the full panorama of the astronomical work that led to this amazing feat."
—Alan Boss, author of The Crowded Universe: The Search for Living Planets

David A. Weintraub is professor of astronomy at Vanderbilt University.
PROMPTCOMING PAPERBACK
Pythagoras’ Revenge
A Mathematical Mystery
Arturo Sangalli

“Who would have guessed that a murder-treasure mystery lay hidden behind a geometric formula familiar to every high-schooler? Weaving a wealth of mathematical scholarship into a compellingly plotted novel, Sangalli recounts a fascinating tale of ancient arson and modern sleuthing.”
—Bryce Christensen, Booklist

Arturo Sangalli is a freelance science journalist and writer.

August 2011. 208 pages. 10 line illus. 1 map.
Pa: 978-0-691-15019-2 $14.95 | £10.95
Cl: 978-0-691-04955-7 $24.95 | £16.95

PROMPTCOMING PAPERBACK
The Calculus of Friendship
What a Teacher and a Student Learned about Life While Corresponding about Math
Steven Strogatz

“An intimate view of mentorship is revealed by [Strogatz] in The Calculus of Friendship, a compilation of letters exchanged with his high-school math teacher over 30 years…. The book touchingly charts their changing roles and relationship, from student to professor, teacher to retirement.”
—Nature

Steven Strogatz is the Jacob Gould Schurman Professor of Applied Mathematics at Cornell University.

April 2011. 184 pages. 9 halftones. 46 line illus.
Pa: 978-0-691-15038-3 $14.95 | £10.95
Cl: 978-0-691-13493-2 $19.95 | £13.95

PROMPTCOMING PAPERBACK
How Round Is Your Circle?
Where Engineering and Mathematics Meet
John Bryant & Chris Sangwin

“The question posed by this book turns out to be a real toughie, but nevertheless the authors urge you to answer it with a British 50p coin, a 2p coin and a beer mat. This gem of a book tackles several such questions, revealing why they are crucial to engineering and to our understanding of our everyday world.”
—Matthew Killeya, New Scientist

John Bryant, now retired, was lecturer in engineering at the University of Exeter. Chris Sangwin is lecturer in mathematics at the University of Birmingham.

April 2011. 344 pages. 30 color illus. 60 halftones. 180 line illus.
Pa: 978-0-691-14992-9 $19.95 | £13.95
Cl: 978-0-691-13118-4 $29.95 | £20.95

NEW PAPERBACK
A Certain Ambiguity
A Mathematical Novel
Gaurav Suri & Hartosh Singh Bal

“A Certain Ambiguity is an amazing narrative that glows with a vivid sense of the beauty and wonder of mathematics.”
—Martin Gardner

Gaurav Suri is a partner at a global management consulting firm in San Francisco. Hartosh Singh Bal is a leading independent journalist in New Delhi.

2010. 296 pages. 56 line illus. 4 tables.
Pa: 978-0-691-14601-0 $16.95 | £11.95
Cl: 978-0-691-12709-5 $27.95 | £19.95
Mathletics
How Gamblers, Managers, and Sports Enthusiasts Use Mathematics in Baseball, Basketball, and Football
Wayne L. Winston
“A rare fusion of sports enthusiasm and numerical acumen.”
—Booklist
2009. 376 pages. 114 line illus. 49 tables.
Cl: 978-0-691-13913-5 $29.95 | £20.95

EXPANDED EDITION
Red State, Blue State, Rich State, Poor State
Why Americans Vote the Way They Do
Andrew Gelman
“This is the Freakonomics-style analysis that every candidate and campaign consultant should read.”
—Robert Sommer, New York Observer
2010. 264 pages. 15 color illus. 92 line illus.
Pa: 978-0-691-14393-4 $18.95 | £12.95

Guesstimation
Solving the World’s Problems on the Back of a Cocktail Napkin
Lawrence Weinstein & John A. Adam
“[A] delightful account of mathematical approximation, which instills the beauty and power of the back-of-the-envelope calculation.”
—Matthew Killeya, New Scientist
2008. 320 pages. 75 halftones.
Pa: 978-0-691-12949-5 $19.95 | £13.95

The Calculus Gallery
Masterpieces from Newton to Lebesgue
William Dunham
“[This is a] brilliant book…. I predict that Dunham’s book will itself come to be considered a masterpiece in its field.”
—Victor J. Katz, American Scientist
2008. 256 pages. 19 halftones. 44 line illus.
Pa: 978-0-691-13626-4 $20.95 | £14.95
Cl: 978-0-691-09565-3 $46.00 | £31.95
Not for sale in South Asia

One of Choice’s Outstanding Academic Titles for 2005

The Mathematical Mechanic
Using Physical Reasoning to Solve Problems
Mark Levi
“[A]n excellent display of creative, interdisciplinary problem-solving strategies.”
—Mathematics Teacher
2009. 200 pages. 56 halftones. 66 line illus. 1 table.
Cl: 978-0-691-14020-9 $19.95 | £13.95

Sacred Mathematics
Japanese Temple Geometry
Fukagawa Hidetoshi & Tony Rothman
“[A] fascinating and beautiful book.”
—Physics World
2008. 392 pages. 16 color illus. 150 line illus.
Cl: 978-0-691-12745-3 $37.50 | £26.95

One of Choice’s Outstanding Academic Titles for 2009
One of the “Best of 2009; Top 10 Books: Science,” amazon.com

To receive notices about new books, subscribe for email at press.princeton.edu/subscribe
FORTHCOMING PAPERBACK
With a new preface by the author
Dr. Euler’s Fabulous Formula
Cures Many Mathematical Ills

“Nahin includes gems from all over mathematics, ranging from engineering applications to beautiful pure-mathematical identities…. It would be good to have more books like this.”
—Timothy Gowers, Nature

Paul J. Nahin is professor emeritus of electrical engineering at the University of New Hampshire.

June 2011. 432 pages. 2 halftones. 77 line illus.
Pa: 978-0-691-15037-6 $19.95 | £13.95
Cl: 978-0-691-11822-2 $29.95 | £20.95

NEW PAPERBACK
An Imaginary Tale
The Story of √-1

Praise for Princeton’s previous editions:
“[A] fascinating history of the mathematics of pursuit.”
—New Scientist

2007. 400 pages. 99 illus.
Pa: 978-0-691-13052-1 $23.95 | £16.95
Cl: 978-0-691-07078-0 $55.00 | £37.95

Digital Dice
Computational Solutions to Practical Probability Problems

“Digital Dice will appeal to all who like recreational mathematics.”
—Alan Stevens, Mathematics Today

2008. 280 pages. 1 halftone. 31 line illus. 22 tables.
Cl: 978-0-691-12698-2 $27.95 | £19.95

With a new preface by the author
When Least Is Best
How Mathematicians Discovered Many Clever Ways to Make Things as Small (or as Large) as Possible

“This book was terrific fun to read!… [Nahin shows] obvious delight and enjoyment—he is having fun and it is contagious.”
—Bonnie Shulman, MAA Online

2007. 400 pages. 99 illus.
Pa: 978-0-691-13052-1 $23.95 | £16.95
Cl: 978-0-691-07078-0 $55.00 | £37.95

Duelling Idiots and Other Probability Puzzlers

2002. 280 pages. 65 line illus. 42 computer sim.
Pa: 978-0-691-10286-3 $28.95 | £19.95

Mrs. Perkins’s Electric Quilt
And Other Intriguing Stories of Mathematical Physics

“Mrs. Perkins’s Electric Quilt is a great book for anyone interested in the connections between mathematics and physics.”
—Choice

2009. 424 pages. 84 line illus.
Cl: 978-0-691-12514-5 $24.95 | £16.95

Chases and Escapes
The Mathematics of Pursuit and Evasion

2007. 272 pages. 5 halftones. 67 line illus.
Cl: 978-0-691-12514-5 $24.95 | £16.95

Princeton Science Library
2010. 296 pages. 1 halftone. 47 line illus.
Pa: 978-0-691-14600-3 $16.95 | £11.95
Not for sale in South Asia

Books by Paul J. Nahin
NEW PAPERBACK

Impossible?
Surprising Solutions to Counterintuitive Conundrums

“Julian Havil’s Impossible? is a superb discussion of problems easily understood by a high schooler, yet with solutions so counterintuitive as to seem impossible.”
—Martin Gardner

Julian Havil is a retired former master at Winchester College, England.

May 2011. 256 pages. 75 line illus.
Pa: 978-0-691-15002-4 $18.95 | £12.95
Cl: 978-0-691-13131-3 $27.95 | £19.95

NEW PAPERBACK

Nonplussed!
Mathematical Proof of Implausible Ideas

“Nonplussed! is a collection of lovely paradoxes: facts that are provable logically but are nevertheless seriously counterintuitive.”
—Peter M. Neumann, Times Higher Education

2010. 216 pages. 18 halftones. 143 line illus. 33 tables.
Pa: 978-0-691-12526-8 $24.95 | £16.95
Cl: 978-0-691-14822-9 $16.95 | £11.95

With a foreword by Freeman Dyson

Gamma
Exploring Euler’s Constant

“Gamma is a gold mine of irresistible mathematical nuggets.”
—Ben Longstaff, New Scientist

Princeton Science Library
2009. 296 pages. 2 halftones. 87 line illus. 20 tables.
Pa: 978-0-691-14133-6 $17.95 | £12.50
Cl: 978-0-691-09983-5 $35.00 | £24.95

Books by Julian Havil

FORTHCOMING PAPERBACK

Impossible?
Surprising Solutions to Counterintuitive Conundrums

“The excellent biography of the theorem is like a history of thought written in lines and circles, moving from ancient clay tablets to Einstein’s blackboards.”
—Ben Longstaff, New Scientist

Eli Maor teaches at Loyola University in Chicago and at the Graham School of General Education at the University of Chicago.

Princeton Science Library
2010. 288 pages. 9 color illus. 141 line illus. 2 tables.
Pa: 978-0-691-14823-6 $17.95 | £12.50
Cl: 978-0-691-12526-8 $24.95 | £16.95

Books by Eli Maor

NEW PAPERBACK

The Pythagorean Theorem
A 4,000-Year History

“Euler’s number e is a gold mine of irresistible mathematical nuggets.”
—Ben Longstaff, New Scientist

Princeton Science Library
2009. 296 pages. 2 halftones. 87 line illus. 20 tables.
Pa: 978-0-691-14133-6 $17.95 | £12.50
Cl: 978-0-691-09983-5 $35.00 | £24.95

Trigonometric Delights

“To Infinity and Beyond
A Cultural History of the Infinite

1991. 312 pages. 8 color illus.
Pa: 978-0-691-02511-7 $25.95 | £17.95

Venus in Transit

2004. 232 pages. 14 halftones. 22 line illus. 7 tables.
Pa: 978-0-691-11589-4 $28.95 | £19.95

Press.princeton.edu  General Interest • 25
With a new foreword by John H. Conway

How to Solve It
A New Aspect of Mathematical Method
G. Polya

“Every mathematics student should experience and live this book.”
—Mathematics Magazine

2004. 288 pages. 31 line illus.
Pa: 978-0-691-11966-3 $18.95 | £12.95
Not for sale in the Commonwealth (except Canada)

With a new afterword by the authors

The Nature of Space and Time
Stephen Hawking & Roger Penrose

Praise for Princeton’s previous editions:

“This elegant little volume provides a clear account of two approaches to some of the greatest unsolved problems of gravitation and cosmology.”
—John Barrow, New Scientist

2010. 160 pages. 75 line illus.
Pa: 978-0-691-14570-9 $14.95 | £10.95

With a new introduction by A. Zee

QED
The Strange Theory of Light and Matter
Richard P. Feynman

Praise for Princeton’s original edition:

“Feynman simply cannot help being original. In this quirky, fascinating book, he explains to laymen the quantum theory of light.”
—New Yorker

2006. 192 pages. 93 line illus.
Pa: 978-0-691-12575-6 $16.95 | £11.95
Not for sale in the Commonwealth (except Canada)

With an introduction by Thomas Banchoff

Flatland
A Romance of Many Dimensions
Edwin Abbott Abbott

2005. 144 pages. 12 line illus.
Pa: 978-0-691-12366-0 $9.95 | £6.95

Explore the great scientific and technological issues afoot in the world today: http://princetonglobalscience.org
FIFTH EDITION
With a new introduction by Brian Greene
The Meaning of Relativity
Including the Relativistic Theory of the Non-Symmetric Field
Albert Einstein

Praise for Princeton's 1956 edition:
“Einstein's little book . . . serves as an excellent tying-together of loose ends and as a broad survey of the subject.”
—Physics Today

2004. 200 pages. 6 line illus.
Pa: 978-0-691-12027-0 $18.95 | £12.95
Not for sale in the Commonwealth (except Canada)

Winner of the 2006 Phi Beta Kappa Book Award in Science
With a new afterword by the author
Plows, Plagues, and Petroleum
How Humans Took Control of Climate
William F. Ruddiman

Praise for Princeton's previous editions:
“[A]n excellent book summarizing and placing in context the age-old influence of humans on atmospheric composition, climate and global warming.”
—Nature

2010. 240 pages. 19 halftones, 19 line illus. 5 tables. 7 maps.
Pa: 978-0-691-14634-8 $19.95 | £13.95

With a new foreword by Carl Zimmer
T. rex and the Crater of Doom
Walter Alvarez

“[A] wonderful adventure in science.”
—Dale Russell, Los Angeles Times Book Review

2008. 216 pages. 8 color plates. 15 halftones. 2 line illus.
Pa: 978-0-691-13103-0 $16.95 | £11.95
Not for sale in the Commonwealth (except Canada)

With a new introduction by Philip Ball
The New Science of Strong Materials
or Why You Don’t Fall through the Floor
J. E. Gordon

2006. 328 pages. 48 line illus. 17 halftones. 6 tables.
Pa: 978-0-691-12548-0 $22.95
For sale only in the U.S. and the Philippines

For more information on books in this series visit: press.princeton.edu/catalogs/series/psl.html
NEW

With a foreword by Freeman Dyson

The Ultimate Quotable Einstein
Collected and edited by Alice Calaprice

Here is the definitive new edition of the hugely popular collection of Einstein quotations that has sold tens of thousands of copies worldwide and been translated into twenty-five languages.

Alice Calaprice is a renowned expert on Albert Einstein and was a longtime senior editor at Princeton University Press. She has worked on the Collected Papers of Albert Einstein since the founding of the project, has copyedited all the volumes including the translation series, and is the author of several popular books on Einstein.

2010. 608 pages. 27 halftones.
Cl: 978-0-691-13817-6 $24.95 | £16.95

FORTHCOMING

Einstein Before Israel
Zionist Icon or Iconoclast?
Ze’ev Rosenkranz

“Ze’ev Rosenkranz’s careful and highly readable exploration of Einstein’s encounters with his Jewish identity opens surprising windows not only into the life and mind of the twentieth century’s most famous scientist, but also into the history of Zionism, the founding of Hebrew University, and the tumultuous history of British Palestine.” —Michael Gordin, Princeton University

Einstein Before Israel traces Albert Einstein’s involvement with Zionism from his initial contacts with the movement at the end of World War I to his emigration from Germany in 1933 in the wake of Hitler’s rise to power.

Ze’ev Rosenkranz is senior editor at the Einstein Papers Project at the California Institute of Technology and a former curator of the Albert Einstein Archives at the Hebrew University of Jerusalem.

July 2011. 368 pages. 25 halftones.
Cl: 978-0-691-14412-2 $35.00 | £24.95

It’s About Time
Understanding Einstein’s Relativity
N. David Mermin

“David Mermin’s new book is a gem.”
—Brian Greene, Columbia University

2009. 208 pages. 13 halftones. 43 line illus. 1 table.
Pa: 978-0-691-14127-5 $18.95 | £12.95
Cl: 978-0-691-12201-4 $42.00 | £28.95

The Collected Papers of Albert Einstein
Diana Kormos Buchwald, general editor

Winner of the 2009 Wheatley Medal, Society of Indexers

Volume 11
Cumulative Index, Bibliography, List of Correspondence, Chronology, and Errata to Volumes 1–10
Compiled by: A. J. Kox, Tilman Sauer, Diana Kormos Buchwald, Rudy Hirschmann, Osik Moses, Benjamin Aronin & Jennifer Stolper

2009. 640 pages.
Cl: 978-0-691-14187-9 $130.00 | £90.00

Volume 12
The Berlin Years: Correspondence, January–December 1921
Edited by Diana Kormos Buchwald, Ze’ev Rosenkranz, Tilman Sauer, József Illy & Virginia Iris Holmes

Cl: 978-0-691-14190-9 $125.00 | £85.00
Pa: 978-0-691-14191-6 $45.00 | £30.95

For more books in this series: press.princeton.edu/einstein
<table>
<thead>
<tr>
<th>QTY</th>
<th>ISBN</th>
<th>Author</th>
<th>Title</th>
<th>Page</th>
<th>Price</th>
<th>UK Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pa</td>
<td>12366-0</td>
<td>Abbott</td>
<td>Flatland</td>
<td>26</td>
<td>59.95</td>
<td>66.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13567-8</td>
<td>Abbott</td>
<td>Flatland: Movie Edition</td>
<td>23</td>
<td>15.00</td>
<td>17.00</td>
</tr>
<tr>
<td>DVD</td>
<td>12109-0</td>
<td>Adams</td>
<td>Linear Algebra: Practice and Solutions</td>
<td>22</td>
<td>39.95</td>
<td>47.95</td>
</tr>
<tr>
<td>Cl</td>
<td>12895-5</td>
<td>Adams</td>
<td>Mathematical Macroscope</td>
<td>11.95</td>
<td>23.95</td>
<td>27.95</td>
</tr>
<tr>
<td>Cl</td>
<td>12796-5</td>
<td>Adams</td>
<td>Mathematics in Nature</td>
<td>11</td>
<td>24.95</td>
<td>28.95</td>
</tr>
<tr>
<td>Pa</td>
<td>13103-0</td>
<td>Alvarez</td>
<td>T. rex and the Crater</td>
<td>11.95</td>
<td>26.95</td>
<td>30.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14139-3</td>
<td>Archer</td>
<td>Global Carbon Cycle</td>
<td>11.95</td>
<td>70.00</td>
<td>80.00</td>
</tr>
<tr>
<td>Cl</td>
<td>13777-3</td>
<td>Astala</td>
<td>Elliptic Partial</td>
<td>5</td>
<td>82.95</td>
<td>95.00</td>
</tr>
<tr>
<td>Cl</td>
<td>13572-0</td>
<td>Åström</td>
<td>Feedback</td>
<td>5</td>
<td>52.95</td>
<td>60.00</td>
</tr>
<tr>
<td>Cl</td>
<td>14754-3</td>
<td>Babuja</td>
<td>Silicon Jungle</td>
<td>4</td>
<td>24.95</td>
<td>28.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14668-3</td>
<td>Bellman</td>
<td>Dynamic Programming</td>
<td>5</td>
<td>39.95</td>
<td>44.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14368-2</td>
<td>Ben-Tal</td>
<td>Robust Optimization</td>
<td>1</td>
<td>65.00</td>
<td>44.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14039-1</td>
<td>Bernstein</td>
<td>Matrix Mathematics</td>
<td>1</td>
<td>69.00</td>
<td>48.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13287-7</td>
<td>Brubaker</td>
<td>Distributed Control</td>
<td>1</td>
<td>42.00</td>
<td>28.95</td>
</tr>
<tr>
<td>Cl</td>
<td>15570-2</td>
<td>Broeker</td>
<td>Great Ocean Converter</td>
<td>1</td>
<td>20.95</td>
<td>19.95</td>
</tr>
<tr>
<td>Cl</td>
<td>15566-6</td>
<td>Brubaker</td>
<td>Geometry and Topology</td>
<td>1</td>
<td>49.95</td>
<td>45.00</td>
</tr>
<tr>
<td>Cl</td>
<td>15065-9</td>
<td>Bryant</td>
<td>Sangwin: How Real</td>
<td>1</td>
<td>54.00</td>
<td>49.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13284-4</td>
<td>Bryant</td>
<td>Sangwin: How Wound</td>
<td>1</td>
<td>29.95</td>
<td>28.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14954-4</td>
<td>Buolo</td>
<td>Distributed Control</td>
<td>2</td>
<td>58.95</td>
<td>49.95</td>
</tr>
<tr>
<td>Cl</td>
<td>14684-3</td>
<td>Byers</td>
<td>Blind Spot</td>
<td>1</td>
<td>24.95</td>
<td>16.95</td>
</tr>
<tr>
<td>Cl</td>
<td>15499-9</td>
<td>Byers</td>
<td>How Mathematics Think</td>
<td>2</td>
<td>16.95</td>
<td>16.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13876-6</td>
<td>Calaprice</td>
<td>The Princeton Companion</td>
<td>2</td>
<td>49.95</td>
<td>42.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13316-5</td>
<td>Campbell</td>
<td>Introduction</td>
<td>1</td>
<td>24.95</td>
<td>28.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13883-1</td>
<td>Carmona</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13281-7</td>
<td>Chait</td>
<td>Mathematical Mechanic</td>
<td>1</td>
<td>59.00</td>
<td>56.00</td>
</tr>
<tr>
<td>Cl</td>
<td>12482-4</td>
<td>Chait</td>
<td>Mathematics</td>
<td>1</td>
<td>38.50</td>
<td>35.00</td>
</tr>
<tr>
<td>Cl</td>
<td>12183-5</td>
<td>Clark</td>
<td>What Is Mathematics?</td>
<td>1</td>
<td>53.00</td>
<td>49.95</td>
</tr>
<tr>
<td>Cl</td>
<td>1331-3</td>
<td>Clark</td>
<td>The Pythagorean Theorem</td>
<td>1</td>
<td>80.00</td>
<td>65.00</td>
</tr>
<tr>
<td>Cl</td>
<td>13455-4</td>
<td>Clark</td>
<td>Muller: Physics and Technology</td>
<td>1</td>
<td>45.00</td>
<td>34.95</td>
</tr>
<tr>
<td>Cl</td>
<td>15506-6</td>
<td>Clark</td>
<td>Nahin: Chases and Escapes</td>
<td>1</td>
<td>24.95</td>
<td>16.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13922-4</td>
<td>Clark</td>
<td>Nahin: Digital Dice</td>
<td>1</td>
<td>24.95</td>
<td>16.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13824-7</td>
<td>Clark</td>
<td>Nahin: Least Is Best</td>
<td>1</td>
<td>24.95</td>
<td>16.95</td>
</tr>
<tr>
<td>Cl</td>
<td>13817-6</td>
<td>Clark</td>
<td>Quantum Field Theory</td>
<td>1</td>
<td>50.00</td>
<td>37.95</td>
</tr>
<tr>
<td>Cl</td>
<td>12474-2</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13880-3</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13186-8</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12866-2</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13264-6</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>11938-8</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>09563-5</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>14202-9</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12028-7</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12175-4</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12147-9</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12916-6</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13174-1</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12921-0</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12548-0</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>11880-2</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13610-3</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12489-0</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>14411-5</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12437-7</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>14134-3</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12163-6</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>14282-9</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12056-0</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>12092-9</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13644-4</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13444-9</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
<tr>
<td>Cl</td>
<td>13134-0</td>
<td>Clark</td>
<td>Introduction</td>
<td>1</td>
<td>45.00</td>
<td>38.50</td>
</tr>
</tbody>
</table>
**U.S. & Canada**

**SEND ORDERS TO**
Princeton University Press
c/o California/Princeton Fulfillment Services, Inc.
1445 Lower Ferry Road
Ewing, New Jersey 08618

**ORDER TOLL-FREE**
Telephone 1-800-777-4726
(8:30 a.m. – 7:00 p.m., EST, weekdays)
FAX 1-800-999-1958 (24 hours)
orders@cpfsinc.com
WEB press.princeton.edu

**SALES TAX**
*NJ 7%; CA 9.25%; Canada GST 5%; Shipping charges to NJ: Add 7% sales tax. Princeton University Press remits GST to Revenue Canada. Your books will be shipped from inside Canada and you will not be assessed Canada Post’s border handling fee.

**SHIPPING & HANDLING**
**Please add $4.00 for the first book and $1.00 for each additional book.**
*Please allow 3 weeks for shipping; publication dates of new books are identified and they will be shipped as soon as they are available.*

<table>
<thead>
<tr>
<th>BOOKS SUBTOTAL</th>
<th>Sales tax subtotal*</th>
<th>Shipping and handling**</th>
<th>TOTAL</th>
</tr>
</thead>
</table>

**PAYMENT METHOD**
- Enclosed please find my check made payable to: California/Princeton Fulfillment Services
- Please charge my: [ ] Visa [ ] MasterCard

*California/Princeton Fulfillment Services, Inc. does not accept American Express.*

---

**U.K., Europe, Africa & the Middle East**

**POST ORDERS TO**
Princeton University Press
Customer Service Operations
c/o John Wiley & Sons, Ltd.
1 Oldlands Way, Bognor Regis
West Sussex, PO22 9SA United Kingdom

**PHONE ORDERS**
Telephone Dial-Free (UK only) 0800 243407
(Overseas orders) +44 1243 843294
FAX +44 (0) 1243 843296
cs-books@wiley.co.uk

**BOOKS SUBTOTAL__________**

Please add the following to your order to cover delivery of your books:*  

<table>
<thead>
<tr>
<th>Service Mail</th>
<th>Air Mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>£3.70</td>
<td>n/a</td>
</tr>
<tr>
<td>£5.35/£8.00</td>
<td>£12.75/£19.00</td>
</tr>
<tr>
<td>£7.75/£13.95</td>
<td>£14.95/£26.95**</td>
</tr>
</tbody>
</table>

**TOTAL __________**

*Delivery time is dependent on country of destination. Delivery will be arranged by John Wiley & Sons Ltd. Alternatively, you may collect your orders by prior arrangement. We can also quote for delivery by courier (please email cs-books@wiley.co.uk for details).**

**PAYMENT METHOD**
- Enclosed please find my cheque made payable to: John Wiley & Sons
- Please charge my: [ ] Visa [ ] MasterCard  [ ] American Express

---

**SEND MY ORDER TO**
Name________________________
Address________________________
________________________________________
________________________________________
________________________________________
________________________________________

Bookstores may order using the contact information above or may contact Princeton University Press’s sales department:
609 258 4877 (phone) 609 258 1335 (fax)
sales@press.princeton.edu

**BILLING ADDRESS** (if different)
________________________________________
________________________________________
________________________________________
________________________________________

Prices are subject to change without notice.